Appendix K1: Water Supply Assessment

KPC Coachella
Water Supply Assessment

City of Coachella

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ACRONYMS AND ABBREVIATIONS

AB	Assembly Bill
ACF	Annual Consumption Factor
AF	Acre Feet
AFY	Acre Feet per Year
AOB	Area of Benefit
APA	Administrative Procedure Act
BDCP	Bay Delta Conservation Plan
BiOps	Biological Opinions
BOR	Bureau of Reclamation or Reclamation
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CGPU	Coachella General Plan Update – 2020-2035
CIP	Capital Improvement Plan
CR	Colorado River
CRA	Colorado River Aqueduct
CSD	Coachella Sanitary District (City of Coachella)
CUWCC	California Urban Water Conservation Council (former)
CVAG	Coachella Valley Association of Governments
CVP	Central Valley Project
CVRWMG	Coachella Valley Regional Water Management Group
CVSC	Coachella Valley Stormwater Channel
CVWD	Coachella Valley Water District
CVWMP	Coachella Valley Water Management Plan
CWA	Coachella Water Authority (City of Coachella)
CWC	California Water Code
DFW	Department of Fish and Wildlife
DMM	Demand Management Measures
DWA	Desert Water Agency
DWR	Department of Water Resources
EIS	Environmental Impact Statement
ESA	Endangered Species Act
FWS	Fish and Wildlife Service
GPCD	Gallons per Capita per Day
GPD	Gallons per Day
GPM	Gallons per Minute
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
GWMPA	Groundwater Management Planning Act
HDR	High Density Residential
ID	Improvement District
IID	Imperial Irrigation District
IRWMP	Integrated Regional Water Management Plan
IWA	Indio Water Authority
KPCC	KPC Coachella

LAFCO	Local Agency Formation Commission
LDR	Low Density Residential
MCL	Maximum Contaminant Level
MDR	Medium Density Residential
MG	Million Gallons
MGD	Million Gallons per Day
MOU	Memorandum of Understanding
MSWD	Mission Springs Water District
MU	Mixed Use
MVP	Mid-Valley Pipeline
MWD	Metropolitan Water District
NEPA	National Environmental Policy Act
NMFS	National Marine Fisheries Service
PEIR	Programmatic Environmental Impact Report
PPR	Present Perfected Rights
PVID	Palo Verde Irrigation District
PWS	Public Water System
QSA	Quantification Settlement Agreement
RAC	Replenishment Assessment Charge
RCTLMA	Riverside County Transportation and Land Management Agency
RO	Reverse Osmosis
RPA	Reasonable and Prudent Alternative
RUWMP	Regional Urban Water Management Plan
RV	Recreational Vehicle
SB	Senate Bill
SCADA	Supervisory Control and Data Acquisition
SCAG	Southern California Association of Governments
SCH	State Clearinghouse
SDCWA	San Diego County Water Authority
SGMA	Sustainable Groundwater Management Act
SOI	Sphere of Influence
SPEIR	Subsequent Programmatic Environment Impact Report
SWP	State Water Project
SWRCB	State Water Resources Control Board
UWMP	Urban Water Management Plan
VLDR	Very Low Density Residential
VSD	Valley Sanitary District (City of Indio)
WRP	Water Reclamation Plant
WSA	Water Supply Assessment

SECTION 1
INTRODUCTION

1.1 Introduction

In 2002, California Water Code (CWC) Sections 10910 through 10915 were amended by the enactment of Senate Bill 610 (SB 610) to improve the link between information on water supply availability and certain land use decisions made by cities and counties. SB 610 provides that when a city or county determines that a "project" as defined in CWC Section 10912 is subject to review under the California Environmental Quality Act (CEQA), the city or county must identify the water supply agency that will provide retail water service to the project and request that water supplier to prepare a Water Supply Assessment (WSA).[1]

The proposed KPC Coachella development project (KPCC or Project) consists of Villages A, B, C, D and E in multiple planning subareas. KPCC covers 2,807 acres and is proposed to develop a range of residential densities from 'low' (one) to 'high' (25) dwelling units per acre with a total of 9,536 dwelling units. Net development of residential and non-residential 'pads' are on approximately 1,367 acres, including mixed use, commercial, entertainment, hotels, and schools. The remainder (1,170 acres) is proposed for open space including parks, greenways, amenity centers, and drainage. The project characteristics qualify KPCC as a "project" under SB 610. Generally, a WSA must evaluate whether the total projected water supplies available to the water supplier during normal, single dry, and multiple dry water years during a 20-year projection will meet the projected water demand associated with the proposed project, in addition to the water supplier's existing and planned future uses, including agricultural and manufacturing uses.

This WSA has been prepared in accordance with the requirements of SB 610. The WSA will be incorporated into the CEQA document – a programmatic Environmental Impact Report – being prepared for the Project. The water supply analysis provided in this document, pursuant to the WSA statute, is intended to support that CEQA review complying with the requirements of SB 610.

The information, analyses, and conclusions contained herein utilize and rely upon the information, analyses and conclusions set forth in other water supply planning documents that have been prepared and adopted by the City of Coachella (City), the

[1]For purposes of CWC Section 10912(a), a "project" includes any of the following: (1) a proposed residential development of more than 500 dwelling units; (2) a proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet of floor space; (3) a proposed commercial office building employing more than 1,000 persons or having more than 250,000 square feet of floor space; (4) a proposed hotel or motel, or both, having more than 500 rooms; (5) a proposed industrial, manufacturing, or processing plan, or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 square feet of floor area (provided; however, that until January 1, 2017, a photovoltaic or wind energy generation facility is not a "project" that requires a WSA if the facility would demand no more than 75 acre-feet of water annually); (6) a mixed-use project that includes one or more of the above-specified projects; or (7) a project that would demand an amount of water equivalent to, or greater than, the amount of water required by a 500 dwelling unit project.

Coachella Valley Water District (CVWD), and the California Department of Water Resources (DWR). Those documents are the *Coachella Valley 2020 Regional Urban Water Management Plan* (Regional Plan or RUWMP), which includes Coachella Water Authority 2020 UWMP as Chapter 5 (CWA 2020 UWMP) and CVWD 2020 UWMP as Chapter 4; *CVWD 2015 Urban Water Management Plan* (CVWD 2015 UWMP); *Coachella Valley Water Management Plan Update* as developed by the Coachella Valley Regional Water Management Group (2012 CVWMP Update); the *2011 Subsequent Programmatic Environmental Impact Report for the CVWMP Update* (2011 SPEIR); *2021 DWR State Water Project Water Delivery Capability Report* (2021 DCR); the *2016 CVWMP Update Status Report for the CVWMP Update* (2016 Status Report); the *2014 Coachella Valley Integrated Regional Water Management Plan* (2014 IRWMP); the *Sustainable Groundwater Management Act (SGMA) Alternative Groundwater Sustainability Plan Bridge Document for the Indio Subbasin* (2016 Bridge Document) and *2022 Alternative Plan Update*; *2022-23 CVWD Engineer's Report on Water Supply and Replenishment Assessment*; the Bureau of Reclamation *Draft Review of the Colorado River Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lake Powell and Lake Mead* (October 2020); and *Coachella Water Authority 2017 Water Master Plan* (2017 WMP).

1.2 Water Supplier

The City of Coachella Water Authority (CWA) was established in 1957 and is administered and managed by the Utilities General Manager under direct supervision of the City Manager. The City is responsible for providing water within its service area, most of which is the City limits but also includes areas of unincorporated Riverside County, and will be the water supplier for KPC Coachella.

As a public water supplier in the Coachella Valley, the City and its Coachella Water Authority maintain a close and cooperative relationship with CVWD. CVWD was formed in 1918 to protect and conserve local water sources. Since then, the CVWD has grown into a multi-faceted wholesale agency that collects water and purchases imported water for direct use and groundwater basin replenishment, delivers irrigation and domestic water, collects and recycles wastewater, provides regional storm water protection, replenishes the groundwater basin, and promotes water conservation. CVWD is a special district established by the State legislature and governed by a five-member Board of Directors. While a large part of CVWD's history is in agricultural irrigation, today it meets the water-related needs of approximately 110,000 homes and businesses[2] across 1,000 square miles in various areas of service including domestic and non-domestic water; groundwater replenishment of the groundwater basin with local and imported water; wastewater treatment; recycled water; stormwater protection and flood control; agricultural irrigation and drainage; and water conservation.

In 2009, CVWD and the City entered into a Memorandum of Understanding to assist in ensuring a sufficient and reliable water supply for development projects within the City and its sphere in a manner consistent with CVWD's water supply plans as

[2] 2020 Coachella Valley RUWMP, p. 4-2

amended from time to time. Currently, SGMA and the 2020 Regional Plan describe the mechanisms to ensure a sufficient and reliable water supply for development projects within the City and its sphere of influence (SOI) in a manner consistent with CVWD's water supply plans as amended from time to time. Worth noting, the SGMA Bridge Document was adopted for the purpose of demonstrating the functional equivalence of the CVWMP Update and the elements required under SGMA.

Specifically, the CVWMP Update addresses the six undesirable effects associated with groundwater overdraft of the Indio Subbasin:

- Chronic lowering of the groundwater levels indicating a significant and unreasonable depletion of supply
- Significant and unreasonable reduction of groundwater storage
- Significant and unreasonable seawater intrusion
- Significant and unreasonable degraded water quality
- Significant and unreasonable land subsidence
- Depletions of interconnected surface waters that have significant and unreasonable adverse impacts on beneficial uses of the surface water

SGMA identifies the following:

- Requires the formation of GSAs to manage groundwater at the local level.
- Requires Groundwater Sustainability Plans (GSP) be adopted for overdrafted basins in the high and medium priority status.
- Requires critically over-drafted high and medium priority basins to be managed under the GSP by January 31, 2020.
- Requires all other groundwater basins designated as high or medium priority basins to be managed under the GSP by January 31, 2022.
- Adjudicated basins are not required to develop GSPs, but they are required to submit annual reports to the DWR which began April 1, 2016.
- Gives Groundwater Sustainability Agencies (GSAs) the financial and enforcement authority to carry out effective local sustainable groundwater management.

SGMA also expands the role of DWR to support local implementation of sustainable groundwater management, and allows for intervention of the State Water Resources Control Board (SWRCB) at discrete points throughout the process if local agencies are not willing or able to manage groundwater sustainably.

GSAs were required to be formed by June 2017 for the state's high- and medium-priority groundwater basins and subbasins. A GSA is required for developing and implementing a GSP to meet the sustainability goal of the basin to ensure that it is operated within its sustainable yield, without causing undesirable results. Local agencies are expected to collaborate and coordinate their GSA formations on a basin-

wide scale to sustainably manage groundwater at a local level. A local agency that decides to become a GSA will be required to perform the duties, and exercise the necessary powers, of a GSA when developing, implementing, and enforcing a basin's groundwater sustainability program. The GSA for the Indio Subbasin is a cooperative alliance between four water agencies:

- Coachella Valley Water District
- City of Coachella Water Authority
- Desert Water Agency
- City of Indio Water Authority

1.3 Purpose of WSA Document

This WSA is required under SB 610 because, among other features, the Project includes more than 500 residential dwelling units. In accordance with SB 610 and applicable provisions of CEQA, the WSA will be included as part of the CEQA documentation for the KPCC Project. This WSA evaluates whether the total projected water supplies available to the City during normal, single dry, and multiple dry water years during a 20-year projection will meet the projected water demand associated with the Project, in addition to the City's existing and planned future uses. The water demands associated with KPCC have been accounted for and are part of the projected growth analyzed by the 2020 Coachella Valley RUWMP and the City's 2020 UWMP described in Chapter 5, and to some extent the City's 2017 Water Master Plan.

1.4 Water Supply Documents Reviewed for the WSA

In addition to the SGMA and MOU documents cited above, water supply documentation adopted in recent years by the CVWD and/or the CWA were reviewed and are summarized for this WSA. These include the 2020 CWA UWMP, 2020 Coachella Valley Regional UWMP, 2016 CVWMP Status Report, and 2017 CWA Water Master Plan.

1.4.1 CWA 2020 Urban Water Management Plan

The City has completed its 2020 UWMP through the Coachella Valley Regional UWMP. The purpose of the RUWMP is to allow the participating agencies to address urban water management planning requirements. Although most agencies prepare individual UWMPs, the Water Code allows agencies to join together to prepare a regional plan. The RUWMP must include all the same elements as the individual UWMPs. Jointly preparing a RUWMP presents an opportunity for agencies to coordinate their efforts on demand projections, characterization of shared supplies, and planning for potential water shortages. As a participant in the Coachella Valley RUWMP and wholesaler for the region's retail water agencies, the Coachella Valley Water District assumes a lead role in management of the groundwater basin in which CWA relies for its water supply. Therefore, the WSA focuses on CVWD's water supply programs detailed in Section 1.4.2.

1.4.1.1 Water Code Update for 2020 UWMP

In addition to the executive orders and emergency water conservation regulations introduced for the last UWMP cycle, retailers' 2020 UWMPs are required to address:

- expanded dry-year reliability
- drought risk assessment
- seismic risk, and
- updated Water Shortage Contingency Plans

The RUWMP is prepared in accordance with Water Code Section 10910(c)(2), which provides that if demand associated with a proposed project is accounted for in the most recently adopted UWMP, the water supplier may incorporate information from the RUWMP in preparing certain elements of a WSA for the project. The first three chapters of the 2020 Regional Plan describe purpose and organization, participating agencies, and the water supplies which are largely common to all participating agencies. Subsequent chapters detail each participating agency's system, water use, demand targets, specific water supply characteristics and reliability, water shortage contingency plans, and demand management measures. The Coachella Water Authority (City of Coachella) 2020 UWMP is described in Chapter 5 and hereinafter referred to as the City's 2020 UWMP.

In accordance with Water Code Section 19010(c)(1), the City has reviewed whether the projected water demand associated with the Project was included as part of the Regional UWMP and specifically the City's UWMP as described in Chapter 5. The City's (CWA) UWMP does not specifically reflect the demands associated with KPCC; however, the population projection to Year 2045 account for a population growth by 70,000, or approximately 23,000 dwelling units using an average of three persons per dwelling unit. The proposed development projects listed in the CWA 2020 UWMP do not specifically callout the KPCC Project nor previous project names associated with the project site, but only account for 12,883 residential units resulting in approximately 10,117 for other unnamed projects. The KPCC project's total proposed dwelling unit count is 9,536. Therefore, the total dwelling units calculated for the Project, using population growth accounted for in the 2020 UWMP, are estimated to be within the projected overall growth identified for the 20-year planning horizon. Thus, the total projected water demands in the 2020 UWMP for the City include the capacity to serve KPCC.

1.4.1.2 SBx7-7 Compliance

The two primary calculations required by SBx7-7 are (1) the Base Daily Per Capita Water Use Calculation (average gpcd used in past years), and (2) Compliance Water Use Targets (targets for gpcd in 2015 and 2020). The Base Daily Per Capita Water Use Calculation is based on gross water use by an agency in each year and can be based on a ten-year average ending no earlier than 2004 and no later than 2010, or based on a 15-year average if ten percent of 2008 demand was met by recycled water. An urban retail water supplier was then required to set a 2020 water use

target and a 2015 interim water use target in terms of gpcd. SBx7-7 established four alternative methods for water agencies to use in calculating their Compliance Water Use Targets, as follows: (1) 80 percent of Base Daily Per Capita Use; (2) adherence to specified performance standards; (3) 95% of the applicable state hydrologic region target as set forth in the State's 20x2020 Water Conservation Plan; or (4) a provisional target method and procedures developed by DWR pursuant to SBx7-7.

The City's base daily per capita water use for purposes of SBx7-7 was calculated at 210 gpcd (Section 3), and its 2015 and 2020 targets were established as 204 gpcd and 200 gpcd respectively. The City's 2020 actual per capita water use was 141 gallons per capita per day (GPCD), which meets the City's water use goal of 200 GPCD, as established in its 2010 UWMP. As such, the City has met the CWC requirements to be eligible for DWR administered water grants or loans. In accordance with SBx7-7, the City continues to manage its per capita water use on an annual basis, and those management activities will substantially enhance the City's ability to ensure sufficient and reliable water supplies and accommodate long-term growth.

1.4.1.3 Groundwater Management

SGMA and the Groundwater Sustainability Agencies are required to monitor the Indio Subbasin. Other comprehensive water supply and conservation practices recently adopted by CWA include the development of agricultural water management plans, and those programs developed in accordance with the Water Conservation Act of 2009.

The City's 2020 UWMP includes various water supply planning data, future projects, and basin management activities that are based on maintaining the per capita water consumption reductions under SBx7-7. These activities include participation in a recycled water feasibility study headed by the CVRWMG as part of the Coachella Valley IRWM Plan with plans to develop a recycled water system and connect to the City of Coachella's wastewater treatment plant. Direct use of recycled water would offset CWA groundwater pumping and play an important role in groundwater management.

The City continues to evaluate the use of Canal Water as supplemental source water for the recycled water system. The resulting non-potable water delivery system and additional supply from Canal water will further reduce the need for potable water supplies obtained from groundwater. In compliance with CVWD Ordinance No. 1428, the City is afforded the opportunity to receive canal water as source substitution for potable water supply when canal water supplies are available. (Canal water supply benefitting CWA, and measures to reduce Canal water loss are further described in *Coachella Valley 2020 RUWMP.*)

1.4.1.4 CWA Water Shortage Contingency Plan

The City implements a recently adopted Water Shortage Contingency Plan (WSCP, June 2021) that can be executed by the City Council during water shortages. The purpose of the WSCP is to provide procedures with voluntary and mandatory provisions to minimize the effect of a water shortage to the City's service area. The six-level plan to reducing demands during mild to severe water supply shortages was updated in 2021, and ranges in required water use reduction due to shortages of up to, and greater than, 50 percent. **Table 1-1** is a summary of the contingency plan levels.

Table 1-1 - Water Shortage Contingency Plan Levels

Shortage Level	Percent Shortage Range	Description	Response Actions
1	Up to 10%	Normal water supplies	Mandatory prohibitions defined by the state, on-going rebate programs
2	Up to 20%	Slightly limited water supplies	Outdoor water use restrictions on time of day, increased water waste patrols
3	Up to 30%	Moderately limited water supplies	Outdoor water use restrictions on days-per-week, restrictions on filling swimming pools
4	Up to 40%	Limited water supplies	Limits on new landscaping, expanded public information campaign
5	Up to 50%	Significantly Limited water supplies	Limits on watering of parks and school grounds
6	Greater than 50%	Severe Shortage or catastrophic incident	No potable water use for outdoor purposes

Each level represents an anticipated reduction in supplies that would normally be available to CWA. These supply reductions could be due to natural forces, system component failure or interruption, regulatory actions, or contamination. Shortage responses are grouped into the following categories:

- Supply Augmentation Actions
- Demand Reduction Actions and Mandatory Use Restrictions
- Operational Changes

Supply augmentation for each shortage level is summarized in **Table 1-2**.

Table 1-2 - Supply Augmentation Actions

Shortage Level	Supply Augmentation Methods and Other Actions by Water Supplier	Expected Relative Impact	Additional Explanation or Reference
1-6	Exchanges	Medium	Emergency connections with neighboring agencies could be activated or constructed to help exchange water with adjoining systems.
5	New recycled water	Medium	In areas where recycled water supply is available, customers could be mandated to use recycled water and cease use of potable water.
6	Other actions	Medium	Additional non-potable water sources such as new shallow groundwater wells.

Demand Reduction Actions and Operational Changes are detailed in each level of the WSCP, and shortage response actions are further described in the WSCP document.

The 2021 WSCP adopted by CWA also includes the mandated Emergency Response Plan and Seismic Risk Assessment for the 2020 UWMP and written into the Water Code. The complete ERP and SRA, as well as detailed discussion of the WSCP are included in the CWA *Water Shortage Contingency Plan* (June 2021) which is included in the **Appendix**.

1.4.1.5 Demand Management Measures

The City of Coachella universally acknowledges and embraces the importance of water shortage and supply reliability issues. As such, CWA has managed or is currently managing, the 12 standard demand management measures (DMMs) based on the original measures established by the former CUWCC. These DMMs include technologies and methodologies that have been sufficiently documented in multiple demonstration projects and result in more efficient water use and conservation (e.g., residential plumbing retrofits, system water audits, leak detection and repair, large landscape conservation programs and incentives, public information and school education programs). The City distributes public information through bill inserts, brochures, and community events.[3] As part of the DMM program, the City also applies a tiered water rate schedule that is conducive to voluntary conservation. The City promotes water conservation and other resources in coordination with CVWD, Imperial Irrigation District (IID), and other energy utilities.

The City of Coachella adopted a local landscape ordinance for single-family and multi-family residences and large landscape areas. The ordinance requires limited use of

[3] 2020 Coachella Valley RUWMP, p. 5-26

turf areas and reduced landscape irrigation consumption by mandating high efficiency irrigation systems and low water use landscaping. The City conducts plan checking for compliance with the landscape ordinance prior to the construction of new and/or rehabilitated landscaped sites. As part of its local ordinance, the CWA offers four rebate programs to its residents. These include Plumbing Retrofit, Turf Removal, the Smart Controller, and Toilet Replacement.

For new construction of residential and commercial developments, the City has adopted the latest version of the Uniform Building Code (UBC), which requires the installation of water efficient fixtures. The guidelines used by the City encourage minimal turf areas, use of native plant materials reminiscent of the "desert wash" plant palette which are used in all of the newer residential common areas including retention basins, parkways and perimeter landscaped planters. The City has implemented a model of sustainability in landscaping its largest public parks with smart irrigation systems and permeable pavers. The recently constructed Rancho Las Flores Park, the expanded Bagdouma Park, and the re-designed De Oro Park all incorporate a blend of native and drought-tolerant plants, trees and ground covers into an attractive, low-maintenance, water-saving resource for the community.

In addition, the City continues its support of the Coachella Valley's Regional Landscape Water Conservation Ordinance which was adopted in response to the Water Conservation in Landscaping Act of 2006. The Regional Ordinance meets the state requirements, and is tailored specifically to the unique climate and water conservation needs of the Coachella Valley and the City of Coachella. Water conservation and demand management are further discussed in Coachella Valley 2020 RUWMP.

1.4.2 Coachella Valley 2020 Regional Urban Water Management Plan

(Many documents were resourced for the preparation of the Regional Plan, including the documents cited for this WSA, and include common water supply information; therefore, much of the critical water supply information 'overlaps' and is repeated in this WSA to emphasize the City's thorough water supply management.)

Six participating agencies completed their 2020 Regional UWMP in accordance with the UWMP Act. The 2020 UWMP describes the various planning efforts by the agencies of the region regarding water supply and infrastructure opportunities. A key component of the regional water management strategy is the acquisition of additional imported water supplies to augment existing resources. CVWD, on behalf of the region, recently acquired 73,000 AFY of Imperial Irrigation District transfer capacity under the Quantification Settlement Agreement, which will increase to 103,000 AFY by 2045.

As the lead groundwater basin manager, CVWD continues to pursue water transfers and exchanges, and ways to develop new sources of water, such as local desalinated water treated from agricultural runoff for irrigation purposes. Such projects would either make additional potable supplies available for municipal purposes or help offset groundwater pumping in the basin.

1.4.2.1 Groundwater and Indio Subbasin Recharge

Groundwater is the principal source of water supply in the Coachella Valley. The Indio Subbasin, managed by the Coachella Valley Groundwater Management Group and primarily CVWD, serves as the groundwater storage unit for City of Coachella and the Coachella Water Authority covering approximately 400 square miles and extends southeasterly from the junction of State Highway 111 and Interstate 10 approximately 70 miles southeasterly to the Salton Sea. The subbasin is often referred to as the Whitewater River Subbasin, and divided for management purposes into the West Valley and the East Valley areas of benefit.

The East Valley includes the City of Coachella, as well as Indio, La Quinta and the communities of Bermuda Dunes, Mecca and Thermal. Water levels in the East Valley began to decline in the 1980's due to increased urbanization and need for potable groundwater. The groundwater levels recovered upon implementation of Colorado River Water for recharge of the Subbasin. Large-scale recharge activities implemented by CVWD in 2009 stopped the groundwater level decline and increased water levels in the region of the East valley at the Thomas E. Levy Groundwater Recharge Facility (TEL-GRF).[4] The facility consists of 39 ponds covering 163 acres with a design capacity of 40,000 AFY and is located on the western slope of the East Coachella Valley.

Currently, CVWD operates and maintains groundwater recharge facilities at two additional locations in the Coachella Valley: the Whitewater River facility (WWR-GRF) and the Palm Desert facility (PD-GRF). DWA shares in the operation and maintenance cost of the WWR-GRF. CVWD also shares costs with DWA for the operation and maintenance of the Mission Creek GRF (MC-GRF) to replenish the Mission Creek Subbasin.

CVWD has operated and maintained recharge facilities at the WWR-GRF since 1919, first with local surface runoff and, since 1973, with imported SWP Exchange water. The WWR-GRF operation includes a series of 19 ponds covering 700 acres adjacent to the Whitewater River. Local runoff and SWP Exchange water deliveries are transported to the ponds via the Whitewater River channel, and then diverted to the recharge ponds at two locations by diversion structures. Since its introduction in 1973, over 3.8 million acre-feet of water has been recharged at this facility.

The PD-GRF (Phase I) began operation in Palm Desert in February 2019. It is supplied by Colorado River water delivered through the Mid-Valley Pipeline (see below). The facility consists of five ponds covering 20 acres with a design capacity of 10,000 AFY. Phase II of the project will add three ponds covering 25 acres in the Whitewater River Stormwater Channel with a potential design capacity of 15,000 AFY.

As set forth throughout CVWD's planning documents, water demands in the Coachella Valley will continue to be met in a sustainable manner by using the groundwater

[4] 2020 Coachella Valley RUWMP, p. 3-4

basin as a conjunctive use resource. Upon implementation of the Sustainable Groundwater Management Act (SGMA, 2014) local agencies are empowered to sustainably manage local groundwater supplies. The Indio Subbasin is described in CVWD's GSP as a major part of the conjunctive use effort involving the use of groundwater wells to produce amounts that are continually supplemented and recharged with Colorado River, State Water Project, and local water supplies. Recharge activities for the Subbasin have varied with the availability of SWP Exchange water.

Groundwater levels in the Subbasin have increased or stabilized since recharging commenced. Although some areas of the mid valley are still experiencing a decline in groundwater levels, the rates of decline have been generally decreasing and many areas have seen increases. As an overall water supply system, CVWD's service area (including KPCC) is uniquely insulated from drought conditions and is capable of ensuring sufficient and reliable water supplies to meet demand because of the vast storage volume of the basin. (See Section 4.2 for details of on-going groundwater management efforts.)

1.4.2.2 Imported Water Sources

Although CWA does not, nor plan on, purchasing or importing water for direct use, the WSA includes discussion of CVWD's imported water supply projects as they relate to CVWD's groundwater replenishment capacity utilizing imported water to sustain the Indio (aka Whitewater River) Subbasin which CWA relies on for its potable water supplies. The City contributes financially to groundwater replenishment through the Replenishment Assessment Charge (RAC) and the State Water Project tax. (See DWR SWP Delivery Capability Report).

The East Valley groundwater basin management utilizes two sources of imported water:

1. CVWD has rights to receive Colorado River water delivered through the Coachella Canal, a branch of the All-American Canal
2. As a State Water Project contractor, CVWD has rights to receive water from the SWP. However, since no physical infrastructure to convey SWP water to Coachella Valley exists, CVWD entered into an exchange agreement with MWD who owns and operates the Colorado River Aqueduct (CRA). The CRA conveys Colorado River water to the Coachella Valley. The exchange agreement allows MWD to deliver to CVWD for use in groundwater basin recharge in the Indio Subbasin. In exchange, MWD receives SWP water that would have gone to CVWD.

1.4.2.2.1 Colorado River Water and Canal Water Deliveries

Colorado River Water has been a major source of supply for the Coachella Valley since completion of the Coachella Canal (Canal) in 1949. The Canal is a branch of the All-American Canal which brings Colorado River water into the Imperial and

Coachella Valleys. California's apportionment of the Lower Basin's rights to Colorado River water is based on agreements with the Upper Basin and Mexico, and further divvied based on the Colorado River Compact, the Seven Parties Agreement, and the Quantification Settlement Agreement (QSA). In accordance with the QSA, CVWD has entered into agreements with MWD and Imperial Irrigation District (IID) that will increase CVWD's Colorado River transfer supplies from 73,000 AFY to 108,000 AFY.[5]

In addition to agricultural irrigation, Canal water is currently delivered to 30 golf courses in the Indio Subbasin in-lieu of groundwater to reduce groundwater pumping. Golf courses served with Canal water are required to meet at least 80 percent of their water needs with Colorado River water. (See Section 4.3 for details of the Colorado River and legal agreements.)

1.4.2.2.2 Mid-Valley Pipeline (MVP)

The MVP is a pipeline distribution system for delivering Canal water to the mid-Valley area for golf course and landscape irrigation. Customers receive strictly Canal water or a blend of Canal water and recycled water from WRP-10 (6.6 miles in length). This source substitution project reduces groundwater pumping.

Construction of the first phase of the MVP from the Coachella Canal in Indio to CVWD's WRP-10 in Palm Desert was completed in 2009. Currently six golf courses receive direct Canal water from the MVP. Among the 30 golf courses served with Canal water, 15 of these receive a Canal water/recycled water blend from the MVP. Implementation of later phases will expand the non-potable system to be able to serve up to 38 golf courses in the Rancho Mirage-Palm Desert-Indian Wells area that currently use groundwater as their primary source of water, which is only currently supplemented with Canal and/or recycled water. Future phases of MVP construction are deemed necessary to meet the 80-percent-of-total-water-demand requirement for golf courses.[6]

1.4.2.3 Oasis In-Lieu Recharge Project

The Oasis Recharge Project as an in-lieu source-substitution project with the capacity to offset 32,000 AFY of groundwater pumping for agricultural irrigation. The Project will be owned and operated by CVWD and connected to an existing water delivery system for the Oasis area. The system serves one of the six distinct service zones of Improvement District No. 1 (a service area defined under CVWD's contract for Colorado River Water with the Bureau of Reclamation). Phase 1 of the Project included two reservoirs to provide additional storage and operational improvements and flexibility in the Oasis area. Construction of Phase II is scheduled for completion in 2023, and connections to the distribution system are anticipated to be phased in through 2028. (See *Source Substitution Actions.*)

[5] 2020 Coachella Valley RUWMP, Table 3-2
[6] 2020 Coachella Valley RUWMP, p. 3-12

1.4.2.4 Recycled Water

CVWD's 2020 RUWMP identifies recycled water as another significant local resource that can be used to supplement the water supply of the Coachella Valley. Wastewater that is highly treated and disinfected can be reused for a variety of landscape irrigation and other purposes. Recycled water has been used for irrigation of golf courses and municipal landscaping in the Coachella Valley since 1968. It is expected that golf course irrigation will remain the largest use of recycled water in the future. Current and projected future uses of recycled water include irrigation of urban landscape and golf course lands. CVWD recycled water use will extend to CVWD's East Valley retailers in the future, including the City of Coachella. Feasibility studies are underway to supplement this future recycled water service region with Coachella Sanitary District treated wastewater from its 4.5 MGD wastewater treatment facility or other non-potable water source. On behalf of CWA, CSD participated in a regional feasibility study to determine the best available and most cost-effective opportunity to implement recycled water for candidate non-potable water users.[7] (For details of specific customers served, see *Mid-Valley Pipeline* above.)

1.4.2.5 Water Conservation

As with the City, CVWD's water conservation efforts are a critical component of its water management strategy. CVWD has had a water conservation program since the 1960s and recognizes the importance of conserving water to reduce demand on the groundwater supply and decrease reliance on imported supplies. With the enactment of SBx7-7, CVWD's demand management measures (DMMs) have become even more comprehensive. SBx7-7 established the goal of achieving a 20 percent reduction in statewide urban per capita water use by the year 2020 which was met.[8] Among other actions, CVWD has been implementing the following DMMs:

- Water survey program for single-family and multi-family residential customers;
- Metering with commodity rates for all new connections and retrofit of existing connections program;
- Large landscape conservation programs and incentives program
- Public information program;
- School education program;
- Conservation pricing program;
- Water conservation program coordination and staffing support;
- Rebate programs such as landscape conversion, ultra-low-toilet replacement and high-efficiency washing machine rebate programs

[7] 2020 Coachella Valley RUWMP, p. 3-6.
[8] 2020 Coachella Valley RUWMP, p. 5-14

Although the City of Coachella and the KPCC are not within CVWD's retail service area, this review of the Coachella Valley 2020 RUWMP and the following information regarding the CVWMP Update are provided to illustrate the extraordinary water supply planning and demand management efforts that are undertaken by CVWD in its role as an urban water supplier to the region.

1.4.3 DWR SWP Delivery Capability Report

Although CWA does not, nor plan on, purchasing or importing water for direct use, the WSA includes discussion of CVWD's imported water supply projects as they relate to the region's groundwater replenishment capacity utilizing imported water to sustain the Indio Subbasin which CWA does rely on for its potable water supplies. The City participates financially through the State Water Project tax. DWR prepares a biennial report to assist SWP contractors and local planners in assessing the availability of supplies from the SWP. DWR issued its most recent update, the 2021 DWR State Water Project Delivery Capability Report (DCR), in September 2022. In the update, DWR provides SWP supply estimates for SWP contractors to use in their annual water supply planning efforts and UWMPs. The 2021 DCR includes DWR's estimates of SWP water supply availability under both existing and future (2045) conditions.

As part of other on-going planning efforts, the RUWMP participating agencies, including CWA, are evaluating potential future scenarios that include lower reliability values that reflect recent historical average reliability. These scenarios also incorporate potential climate change impacts and are currently being analyzed in the CVWMP (Alternative Plan updates, as described in Sections 1.4.5). Reservoir storage and hydrologic forecasts are primary tools DWR uses when revising SWP supply allocations. Since most of California's precipitation falls in the winter and early spring, by the end of the spring the supply available for the year is much more certain, and in most years DWR issues its final SWP allocation by this time. While most of the water supply is certain by this time, runoff in the late fall remains somewhat variable as the next years runoff season begins. A drier than forecasted fall can result in not meeting end-of-year reservoir storage targets, which means less water available in storage for the following year.[9]

Other imported water supplies for replenishing the groundwater basin include the following:

- Yuba Accord: In 2008, CVWD and DWA entered into separate agreements with DWR for the purchase and conveyance of supplemental SWP water under the Yuba River Accord Dry Year Water Purchase Program. This provides dry year supplies through a water purchase agreement between DWR and Yuba County Water Agency. Yuba Accord water transfers could include both surface water and groundwater substitution transfers for an estimated total of up to 140,000 AFY

[9] Coachella Valley 2020 RUWMP, Section 3.2.2

- Rosedale: Rio Bravo Transfers: The original 2008 agreement involved a one-time transfer for a property development in Riverside County. In 2012, CVWD entered into the Assignment Agreement with Glorious Lands Company providing a total of 252,500 AF to CVWD from Rosedale – Rio Bravo through 2035. The water is delivered to CVWD as exchange water from MWD. In 2020, CVWD finalized a separate agreement with Rosedale – Rio Bravo and DWR that increased the limit on the amount Rosedale – Rio Bravo can deliver to CVWD in any single year.
- Delta Conveyance Facility Project: The Delta Conveyance Facility (DCFP) is a State project that would improve SWP reliability and result in increased deliveries in the future. The DCFP would improve existing conveyance of water supplies from the Delta to the California Aqueduct by construction of a new tunnel to bypass existing natural tunnels. New intake facilities would be located in the north Delta and the new tunnel would convey water to the existing Banks Pumping Plant in Byron, CA in the south Delta. The new facilities would provide an alternate location for diverting water from the Delta, and its operation would be in coordination with existing Delta pumping facilities. Because the SWP currently relies on natural channels to convey water, it is vulnerable to earthquakes, climate change and pumping restrictions for environmental protection. These restrictions can prevent the SWP from reliably capturing water when it is available. (See 2020-21 Engineer's Report for more information on the latest single-tunnel concept which is expected to reduce project costs by $7 Billion.)
- Lake Perris Dam Seepage Recovery Project: CVWD and DWA were invited by MWD to partner in this proposed project which would install pumps down-gradient to pump water seeping from the Lake into the groundwater basin. The project includes collection pipeline to convey the recovered water directly to MWD's Colorado River Aqueduct. Environmental analysis, planning and preliminary design are underway.
- Sites Reservoir Project: This would capture and store stormwater from the Sacramento River for release in dry years. Situated on the west side of Sacramento Valley, the project would function as the backbone to both the SWP and Central Valley Project and would increase flexibility and reliability during drier periods. CVWD and DWA entered into an agreement with the Sites Project Authority in 2019 for the next phase of planning for the Sites Reservoir. (See the 2020-21 Engineer's Report for funding and construction scheduling information.)

The quantities of State Water Project water delivered to State Water Contractors depend on demand; rainfall, snowpack, runoff and water in storage; pumping capacity from the Delta; and legal constraints on SWP operations. Higher sea levels as a result of climate change could threaten the existing levee system, most of which is below sea level. Salinity intrusion into the Delta may require increased releases of fresh water from upstream reservoirs to maintain compliance with water quality standards. For the SWP, climate change has the potential to affect the availability of its supply and its ability to convey water. The Delta levee system is also susceptible

to failure from seismic events. In the event of levee failure, water quality would be at risk from saltwater intrusion into the Delta. This would have the effect of further limiting pumping and, thus, reliability.[10]

CVWD SWP Table A Amount is currently 138,350 AFY.

1.4.4 CVWMP Update (January 2012), 2011 Subsequent Program EIR, and 2016 Status Report

The CVWMP Update (original document adopted in 2010) serves as a 35-year blueprint for wise water management and the basis for all CVWD's efforts to preserve the valley's groundwater resources. The basic goal of the CVWMP remains similar to that of the original report, which is to reliably meet current and future water demands in a cost-effective and sustainable manner to Year 2045. New factors facing water resources managers throughout California have led to refined objectives. The programs and projects identified in the CVWMP Update are based on the following objectives:

- Meet current and future water demands with a 10 percent supply buffer;
- Eliminate long-term groundwater overdraft;
- Manage water quality;
- Comply with state and federal regulations;
- Manage future costs; and
- Minimize potential adverse environmental impacts.

1.4.4.1 Water Management and Conservation

The CVWMP Update calls for a multifaceted approach to water management and water conservation, as outlined in the following five elements:

1. Increased water conservation by all types of water users – Urban measures are water efficient plumbing and landscape water use audit programs. For golf, measures are scientific irrigation scheduling, water audits and monitoring of maximum water use allowance compliance, turf limitations for new golf courses, as well as water audits. Agricultural water conservation methods include scientific irrigation scheduling, salinity management, salinity field mapping, conversion to micro-irrigation, distribution uniformity evaluations, grower training, and engineering evaluations of irrigation efficiency.
2. Increased surface water supplies – These would be from outside sources (Colorado River, and State Water Project transfers and leases). Exchanges, dry-year purchases, water development projects, stormwater capture and desalination the Coachella Canal and State Water Project

[10] 2020 Coachella Valley RUWMP, Section 3.2.2

3. Source substitution of surface water supplies for groundwater – This would involve providing recycled water or Canal water or other sources for additional urban, golf, and agricultural users to reduce groundwater pumping. It may also involve additional use of the Mid-Valley Pipeline project through future expansion phases, the original Phase I construction of which was completed in 2009.
4. Groundwater replenishment through engineered recharge facilities – This includes continued and increased recharge at the Whitewater Recharge Facility, Martinez Canyon, the Thomas E. Levy Groundwater Replenishment Facility, and potential recharge facility at Posse Park in the City of Indio
5. Monitoring and data management – This includes monitoring and evaluation of subsidence and groundwater levels and quality to provide the information needed to manage the Valley's groundwater resources.

The CVWMP Update includes an aggressive program of water conservation for urban, golf course, and agricultural water users. However, there are limits in terms of cost, effectiveness, and acceptability of water conservation activities. As those limits are reached, other Plan elements for meeting future needs also can be adjusted. One source of supply substitution is desalinated drain water, the most expensive alternative for providing new supplies. This approach will only be implemented as other sources of supplies reach practical limits. Therefore, the Plan includes a range of 55,000 to 80,000 acre-feet per year (AFY) for desalination of drain water. The actual amount of water from this source will depend upon how much can be obtained first from other, lower cost sources.[11]

The CVWMP Update has the same five major elements as the previous CVWMP, but with a building block approach of implementing elements to better respond to changes in the planning environment.

Assuming that the Coachella Valley study area growth rate remains relatively low, during the ensuing five years CVWD focused on three new or expanded activities to preserve and protect groundwater resources, such as: increased use of the Mid-Valley Pipeline project to reduce overdraft in the West Valley by connecting golf courses and reducing groundwater pumping by those courses; implementation of additional water conservation measures, including the Landscape Ordinance, to meet the State's requirement of 20 percent conservation by 2020; and preparation of a salt/nutrient management plan for the Valley by 2014 to meet SWRCB Recycled Water Policy requirements to improve implementation of wastewater effluent recycling. Of the three elements described in the previous section to preserve and protect groundwater resources, only the increased use of the Mid-Valley Pipeline would have a second tier CEQA document. Implementation of Proposed Project elements, such as a desalination plant or additional water transfers, would trigger second tier CEQA documents.

[11]2011 SPEIR, p. 1-8.

The CVWMP Update identifies several water conservation measures with the goal to reduce overall water consumption 20 percent by 2020 (SBx7-7), and the goal to maintain this level of reduction through 2045. These measures include water efficient landscaping and irrigation controls, water efficient plumbing, tiered or seasonal water pricing, public information and education programs, alternative water supplies, water restrictive municipal development policies, appointing a CVWD conservation coordinator, and refining water allowance budgets for landscaped and recreational areas. The 2016 Status Report of the CVWMP Update shows reduced reliance on groundwater sources over the long term by utilizing more Colorado River water, SWP water and recycled water; by expanding source substitution; and through increased water conservation.[12]

The CVWMP Update emphasizes cooperation with municipalities, local water agencies, and tribes in regional planning and implementation. The following are among some of the activities outlined in the update for the board of directors to consider over the ensuing 35 years:

- Provide incentives and support to agricultural customers to conserve water, such as through converting from flood/sprinkler irrigation to more efficient micro-sprinkler/drip systems;
- Encourage existing golf courses to convert landscaping to meet CVWD's Landscape Ordinance, requiring no more than 4 acres of grass per hole and 10 acres of grass per practice area;
- Expand landscape conversion rebates for domestic customers to encourage less grass and more desert appropriate landscaping;
- Complete construction on subsequent phases of the Mid-Valley Pipeline system to provide a blend of recycled and Colorado River water to up to 50 golf courses in lieu of groundwater;
- Turn the pilot Martinez Canyon replenishment facility into a full-scale facility with a capacity of up to 40,000 acre-feet of replenishment annually;
- Implement East Valley source substitution projects such as expansion of the Canal water distribution system in the Oasis area, which could deliver about 27,000 AFY of Canal water to offset groundwater pumping, to serve agricultural operations that are not currently served with Canal water.

[12]2012 CVWMP Update, pp. 6-3 to 6-13.

1.4.4.2 Water Resource Programs

The CVWMP Update shows that CVWD has many current and future programs that are designed to maximize the water resources available to the region, such as recharge of its Colorado River and SWP supplies, expanded use of recycled water, desalinated agricultural drain water, conversion of groundwater uses to Canal water and water conservation measures, including tiered water rates, landscaping ordinance, outreach and education. The CVWMP Update and CVWD's Replenishment Assessment Programs establish a comprehensive and managed effort to eliminate overuse of local groundwater while ensuring a sufficient and sustainable water supply to meet projected demands. These programs allow CVWD to maintain the groundwater basin as its primary urban water supply and to recharge the groundwater basin as its other supplies are available.

The CVWMP Update presented a number of recommended programs and features to enhance water supply development and reduce groundwater overdraft. The continuation and expansion of existing projects and programs is summarized below.[13]

- An agricultural conservation program including elements such as: training, system upgrades and retrofits, economic incentives, and regulatory programs that can achieve up to a 14 percent reduction in consumptive use by 2020.
- An urban conservation program including elements such as: installing automated meters, extending landscape ordinances, implementing water budget-based tiered water rates, and various rebate programs, all of which are aimed at achieving the State's requirement for a 20 percent reduction in per capita use by 2020.
- Continue and expand the golf course conservation program that is expected to achieve a savings of 11,600 AFY by 2045.
- Additional water supply development programs such as: acquisition of additional imported supplies, increased recycled water use, and development of desalinated drain water and conjunctive-use management. Groundwater recharge will increase over time at the existing Whitewater and Thomas E. Levy Groundwater Replenishment Facilities, and the construction of the proposed Martinez Canyon Recharge Facility.
- Source substitution will continue to be an important element for offsetting groundwater use. Examples of new projects and programs include: using canal water for urban irrigation, implementing groundwater recharge in the Indio area, investigating groundwater storage opportunities with IID, pursuing additional groundwater treatment for arsenic, developing a salt/nutrient management plan, improved brine disposal, mitigation of canal water losses, maintaining and developing improved drainage control, increasing stormwater capture and recharge, and developing local groundwater supplies for non-potable use.

[13]CVWMP Update Section 8.

1.4.4.3 2016 CVWMP Status Report

The 2016 Status Report performed a review of the CVWMP Update to evaluate changes in the planning environment that impact water demand projections, review the effectiveness of the CVWMP Update, and evaluate implementation progress of the CVWMP Update programs and recommend new implementation targets. The Status Report concluded that the CVWMP Update is working and with continued implementation, groundwater basin overdraft would be eliminated by 2021 with increased groundwater levels in the Palm Springs area and the East Valley. In addition, the 2016 Status Report found that population increase is lower than the projections used in the CVWMP Update. The 2020 Coachella Valley RUWMP is based on population projections even lower. However, this is not considered an elimination of demand, rather a deferral of demand to later years.

1.4.4.4 CVWMP Objective

The main objective of the CVWMP Update is to allow CVWD and other water agencies in the Valley to reliably meet current and future water demands within their service areas in a cost effective and sustainable manner to 2045. The programs and projects identified in the CVWMP Update fulfilled this goal by meeting the following objectives:

- meet current and future water demands with a 10 percent supply buffer;
- reduce/eliminate long-term groundwater overdraft;
- manage and protect water quality;
- comply with state and federal laws and regulations;
- manage future costs; and
- minimize adverse environmental impacts

The CVWMP Update differs from the previous CVWMP in that a 10 percent supply buffer is applied to the projected water demands while eliminating overdraft. This buffer compensates for potential uncertainties such as demands higher than forecast or supplies that cannot be implemented or do not deliver as much water as planned. The supply buffer would be established through a combination of additional supplies and water conservation measures.[14]

1.4.4.5 Subsequent Program EIR

1.4.4.5.1 Source Substitution

Source substitution continues to be an important means to reducing groundwater overdraft. Due to the expected changes in water use patterns in the East Valley as a result of continued development, source substitution will receive increased

[14]2011 SPEIR, pp. 1-2 and 2-12.

emphasis in the future. The following source substitution actions are proposed in the CVWMP Update.[15]

Recycled Water
Although CWA does not directly use recycled water, nor has plans for its direct use, the WSA includes discussion of CVWD's recycled water use programs which CWA participates in. The City will have the opportunity to use recycled water in the future for irrigation as development occurs and customers become available by constructing tertiary treatment and distribution facilities to irrigation customers.

The City owns and operates the Coachella Sanitary District 4.5 MGD (5,040 AFY) secondary treatment wastewater facility utilizing activated sludge and oxidation ditch processes. The plant currently discharges treated effluent to the CVSC. CSD participated in a regional feasibility study to determine the best available and most cost-effective opportunity to implement recycled water. The City continues to participate in studies to evaluate the feasibility of delivering recycled water in the existing Coachella Canal water distribution system while avoiding potential conflicts with future urban water treatment and use of Canal water; determine the minimum amount of recycled and other water flow that must be maintained in the CVSC to support riparian and wetland habitat; and fully utilize all wastewater generated by development east of the San Andreas Fault for irrigation uses to meet demands in that area and reduce the need for additional imported water supplies.[16] The City will have the opportunity to receive canal water for additional non-potable water supply when available. As the water becomes available, CWA may work with CVWD to pursue this opportunity.

As development proceeds in the East Valley, CVWD and the other Valley water purveyors will require new development to install dual piping systems for distribution of non-potable water (Canal or recycled water) for landscape irrigation. This program will offset the reduced Canal water use by agriculture as land use transitions to urban development. It will also reduce groundwater pumping for urban use. Up to as much as 80 percent of the landscape demand of new development will be connected to non-potable water delivery systems. This will result in the utilization of 91,000 to 108,000 AFY of non-potable water by 2045. This program is essential to continued full use of the Valley's Colorado River water supplies as agricultural land use declines.[17]

Conversion of Agricultural and Golf Course Uses to Canal Water
The CVWMP Update includes the following elements regarding conversion of agricultural and golf course uses to Canal water: working with existing East Valley golf courses to increase Canal water use to 90 percent of demand; connecting new East and West Valley golf courses having access to Canal water and meet 80 to 90 percent of demand; working with large agricultural groundwater pumpers to provide access to Canal water and encourage them to reduce their groundwater pumping; revising and update the Oasis distribution system feasibility study, considering

[15]2011 SPEIR, p. 3-16.
[16]2011 SPEIR, p. 3-13.
[17]2011 SPEIR, p. 3-18.

possible future conversion to urban use; and upon completion of cost-effectiveness feasibility analyses, designing and constructing the Oasis distribution system to deliver up to 27,000 AFY of Canal and desalinated drain water by 2020. These projects will deliver up to 71,000 AFY of additional Canal water to reduce groundwater pumping.[18]

Develop Desalinated Drain Water
The 2002 CVWMP had a planning target of 11,000 AFY of desalinated drain water usage by 2035. Measures included (1) developing a program to recover, treat and distribute desalinated drain water and shallow (semi-perched) groundwater for non-potable and potable uses in the East Valley; (2) developing a disposal system to dispose of brine generated by the desalination process; and (3) constructing a demonstration facility to gain operational experience in drain water desalination and brine disposal. Under the CVWMP Update, the amount of water recovered through drain water desalination may range from 55,000 to 85,000 AFY by 2045, depending on the effectiveness of water conservation measures and the availability of other supplies. The lower end of the range reflects the successful implementation of the BDCP and Delta conveyance facilities. The high end of the range is close to the maximum amount of drain water expected to be generated in the Valley and would be implemented if SWP Exchange water reliability remains low. The desalination program will be phased so that it can be expanded in response to future water supply conditions and needs of the Valley.[19]

Treatment of Colorado River Water for Urban Use
The Plan includes treatment of Canal water for urban uses: CVWD, the City of Coachella and Indio Water Authority (IWA) will develop coordinated plans to treat Canal water for urban use in the East Valley; conduct a feasibility study to determine the economic tradeoffs between large-scale centralized treatment facilities and small scale satellite treatment facilities including potential delivery from the MVP system; evaluate opportunities for regional water treatment projects among CVWD, the City of Coachella and IWA to capture economies of scale, and determine the amount of Canal water desalination needed to minimize taste, odor and corrosion. These projects will deliver up to 90,000 AFY of treated Canal water for urban use by 2045 to reduce existing and future groundwater pumping.[20]

Investigation of Groundwater Storage Opportunities with IID
As part of the QSA, CVWD and IID signed an agreement that allows IID to store surplus Colorado River water in the Coachella Valley groundwater basin. Under the agreement, CVWD will store water for IID, subject to available storage space, delivery and recharge capacity and the prior storage rights of CVWD, DWA and Metropolitan. Stored water would incur a 5 percent recharge loss and a 5 percent per year storage loss. IID may also request CVWD to investigate and construct additional locations for direct or in-lieu recharge facilities and possible water extraction facilities. IID is currently investigating several sites in the East Valley near the Coachella Canal. Because of the uncertain nature of the facilities, the potential impacts of this water

[18]2011 SPEIR, p. 3-17.
[19]2011 SPEIR, p. 3-14.
[20]2011 SPEIR, pp. 3-17 to 3-18.

storage program are not evaluated in the CVWMP Update and SPEIR but would be considered in a separate, project-level document if a storage program is determined to be feasible.[21]

Additional Groundwater Treatment for Arsenic
The quality of Coachella Valley groundwater generally is high and most of the groundwater delivered to urban customers receives only disinfection. Currently, the only other groundwater treatment is for arsenic removal in a portion of the East Valley. Naturally occurring arsenic is found in the eastern Coachella Valley groundwater from Mecca to Oasis and appears to be associated with local faults and geothermal activity. CVWD identified six of its domestic water wells with arsenic levels above the revised federal maximum contaminant limit (MCL) of 0.01 mg/L. In early 2006, CVWD completed construction of three groundwater treatment facilities that use an ion-exchange process with a brine minimization and treatment process to remove arsenic. The facilities can be expanded to treat additional wells in the future. In response to elevated arsenic levels in private wells (chiefly serving mobile home and recreational vehicle (RV) parks and certain tribal wells), CVWD is pursuing federal grants to fund a portion of the cost to extend the potable water system to serve these affected communities. CVWD is also assisting the communities in connecting to the potable water system to the extent feasible. CVWD is evaluating the feasibility of treating Colorado River water (Coachella Canal water) for delivery to urban water users. To the extent Canal water is used for urban indoor use, additional arsenic removal will not be needed for those areas. However, as required to meet future demands and provide adequate redundancy, CVWD may need to expand its existing arsenic treatment facilities or construct new facilities to treat water from additional wells.[22]

Development of Salt/Nutrient Management Plan
The State Water Resources Control Board (SWRCB) Recycled Water Policy (adopted February 11, 2009) requires every region in the State to develop a salt/nutrient management plan by 2014. The goal of the plans is to responsibly increase the use of recycled water. The salt/nutrient management plans are intended for management of all sources contributing salt/nutrients on a basin-wide basis to ensure that ground and surface water quality objectives are achieved. The Coachella Valley plan will assess the salt contributions of imported water, including that used for groundwater recharge and evaluate the feasibility of reducing salt in recharge water. The Coachella Valley Regional Water Management Group (CVRWMG), of which the Coachella and CVWD are a member, will take the lead in developing a salt/nutrient management plan with participation from interested Tribes and other parties that meets the SWRCB requirements to increase cost-effective recycling of municipal wastewater in the Valley.[23] However, CVWD, Coachella Water Authority (CWA), Desert Water Agency, and Indio Water Authority are working collaboratively on completion of a salt/nutrient management plan for the Coachella Valley via a transparent stakeholder process separate from the CVRWMG.

[21] 2011 SPEIR, p. 3-19.
[22] 2011 SPEIR, p. 3-19.
[23] 2011 SPEIR, pp. 3-19 to 3-20.

Brine Disposal
The CVWMP Update proposes desalination of agricultural drain water from the CVSC for use in the East Valley. Desalination of Canal water may also be required for East Valley potable water delivery. Treatment to potable levels would produce large volumes of brine, which would need to be disposed of in a cost-effective and environmentally sound manner and in compliance with State and Federal regulations. At the same time, groundwater treatment for arsenic and for nitrate removal, if pursued, requires a salt brine to regenerate the treatment resins, a potential use for the desalination brine. In addition, creation of salt or brackish water wetlands near the Salton Sea may also use the brine on a pass-through basis. Consequently, a brine disposal system is required to safely convey salts to an acceptable point of disposal. Concepts for brine conveyance and disposal and their feasibility will be evaluated in conjunction with the salt/nutrient management plan described above.[24]

Canal Water Loss Reduction
Allocated losses and unaccounted-for water in the All-American Canal, the Coachella Canal and the distribution system are due to seepage, leakage and evaporation and may be as high as 31,000AFY. Under the CVWMP Update, to increase the amount of water delivered to the Coachella Valley, CVWD will conduct a study to determine the amount of water lost to leakage in the first 49 miles of the Coachella Canal and evaluate the feasibility of corrective actions to capture the lost water. This may require the installation of additional flow metering locations along the Canal. If feasible, CVWD will implement the recommendations of this study and work with IID to develop a transparent system for allocating losses along the All-American Canal.[25]

Drainage Control
Both basin management (shallow groundwater level control and salt export) and the prevention of adverse impacts to shallow groundwater require that CVWD's existing agricultural drainage system be maintained in some form or replaced as urban development proceeds to prevent water logging of clayey soils. Funding will be needed to replace, expand, enhance and maintain the drainage system for urban development in the future. CVWD is evaluating alternative methods for funding the drainage system and will undertake a study of the improvements needed to continue system operation in the future.[26]

Stormwater Capture
Stormwater capture has been identified in the CVWMP Update as a viable method for increasing the amount of local water available for either groundwater recharge or direct use. The amount of additional stormwater that could be captured and used has not been documented. CVWD proposed to undertake the following measures: (1) study the feasibility for additional stormwater capture in the East Valley; and (2) implement stormwater capture projects in conjunction with flood control facilities as development occurs in the East Valley.

[24]2011 SPEIR, p. 3-20.
[25]2011 SPEIR, p. 3-20.
[26]2011 SPEIR, p. 3-20.

Proposals to capture stormwater will only be considered to offset groundwater pumping or provide replenishment if they can clearly demonstrate that the water captured is "new water" that otherwise would have been lost to the Salton Sea or evapotranspiration, rather than water already considered in the Valley water balance.[27]

Development of Local Groundwater Supplies for Non-Potable Use
An investigation of groundwater development in the Fargo Canyon Subarea of the Desert Hot Springs Subbasin will be conducted to determine the available supply and suitability for use in meeting non-potable demands of future development east of the San Andreas Fault. CVWD will propose that a study be performed jointly with the cities of Coachella and Indio. Preliminary estimates prepared for the CVWMP Update indicate that up to 10,000 AFY of local groundwater supply, which includes returns (excess) from irrigation use, might be developed, depending upon the ultimate level of development in this area.[28]

Mid-Valley Pipeline
The MVP is a pipeline distribution system to deliver Canal water to the Mid-Valley area for use with CVWD's recycled water for golf courses and open space irrigation in lieu of groundwater pumping for these uses. Construction of the first phase of the MVP from the Coachella Canal in Indio to WRP-10 (6.6 miles in length) was completed in 2009. MVP Canal water is blended with WRP-10 recycled water for golf course irrigation. Implementation of later phases will expand the MVP to serve approximately 50 golf courses in the Rancho Mirage/Palm Desert/Indian Wells area that currently use groundwater as their primary source of supply with a mixture of Colorado River water and recycled water as anticipated in the original CVWMP planning document.[29]

The CVWMP Update continues to include the MVP project, which will serve about 37,000 AFY of imported water and 15,000 AFY of WRP-10 recycled water, on average, by 2045. The MVP will meet approximately 72 percent of the West Valley golf course demand by 2045. Under the CVWMP Update, it is proposed to (1) prepare a MVP system master plan to lay out the future pipeline systems; (2) implement near-term project expansions to connect 14 golf courses along the MVP alignment and extensions of the existing non-potable water distribution system; and (3) complete the construction of the remaining phases of the MVP system to provide up to 37,000 AFY of Canal water and 15,000 AFY of WRP-10 recycled water, on average, to West Valley golf courses.[30]

Canal Water Use for Urban Irrigation
As development proceeds in the East Valley, CVWD and other Valley water purveyors will require new development to install dual piping systems for the distribution of non-potable water (Canal or recycled) for landscape irrigation. This program will offset the reduced Canal water use by agriculture as land use transitions to urban

[27]2011 SPEIR, pp. 3-20 to 3-21.
[28]2011 SPEIR, p. 3-21.
[29]2011 SPEIR, p. 3-16.
[30]2011 SPEIR, pp. 3-16 to 3-17.

development. It will also reduce groundwater pumping for urban use. From at least two-thirds to as much as 80 percent of the landscape demand of new development will be connected to non-potable water delivery systems. This will result in the utilization of 91,000 to 108,000 AFY of non-potable water by 2045. This program is essential to continue full use of the Valley's Colorado River water supplies as agricultural land use declines.[31]

Potential Future CVWMP Elements
Several programs and projects have been identified for possible inclusion in future updates to the CVWMP, pending the results of feasibility studies and environmental compliance documents. These include (1) SWP Extension (Construction of a pipeline to convey SWP water directly to the Coachella Valley); (2) Desalination of Recharge Water (Construction of desalination facilities to reduce the salt load of imported water used for groundwater recharge); (3) Nitrate Treatment (Pumping and treatment of high nitrate groundwater to reduce the potential for basin contamination); (4) and Seawater Desalination (Participation in a future coastal seawater desalination project and delivery of water to the Coachella Valley through water exchanges or transfers.) Although feasibility studies of some of these projects are underway, none of the projects have advanced sufficiently through the implementation process to be included in the CVWMP Update. Consequently, they were not specifically evaluated in the SPEIR.[32]

1.4.4.5.2 Groundwater Recharge

West Valley Recharge
The Whitewater River Recharge Facility (WW-GRF) has a recharge capacity of over 300,000 AFY. Original CVWMP established a future average annual recharge goal at the facility of about 100,000 AFY. To reach this goal, CVWD and DWA would need to acquire additional Table A amounts or other imported water sources. The SWP Exchange supply currently provides about 77,700 AFY for the Whitewater River Recharge Facility, however the CVWMP Update assumes SWP reliability of 50 percent without improvements to the Delta. Consequently, future conditions would be limited to 61,400 AFY unless augmented with additional supplies. If Delta habitat and conveyance improvements can be successfully implemented, this suppl could increase to 93,000 AFY.[33]

East Valley Recharge
CVWD has operated a pilot recharge facility at Dike 4 near Avenue 62 since 1997. The Thomas E. Levy facility (TEL-GRF) in La Quinta has been in operation since 2009, and has an estimated recharge capacity of 40,000 AFY. Its capacity has been limited due to hydraulic and water delivery constraints within the Canal water distribution system to an average of about 32,000 AFY. Additional pumping is planned from Lake Cahuilla to mitigate this constraint.

[31] 2011 SPEIR, p. 3-18.
[32] 2011 SPEIR, p. 3-21.
[33] 2012 CVWMP Update, pp. 6-33, 6-34.

CVWD is also evaluating alternative recharge locations that might allow recharge in the vicinity of areas of significant groundwater pumping. A settlement agreement between the City of Indio and CVWD specifies a process for proposing and evaluating additional recharge facilities in the vicinity of Indio.[34]

Martinez Canyon Recharge
The Martinez Canyon recharge facility is a pilot project underway since 2005. Upon completion of a full-scale facility, estimated to be 240 acres in area, this project is expected to recharge 20,000 to 40,000 AFY on average. The recharge facility would be located adjacent to the pilot facility west of the community of Valerie Jean in the East Valley, at the Martinez Canyon alluvial fan between Avenues 74 and 76.[35]

The CVWMP Update includes the following elements regarding the Martinez Canyon Recharge Facility: conducting sitting and environmental studies, land acquisition and design for the full-scale Martinez Canyon facility with a design capacity of up to 40,000 AFY; completing construction of the Martinez Canyon facilities in phases such that the facility can be initially operated at 20,000 AFY, with potential future expansion to as much as 40,000 AFY based on groundwater overdraft conditions and implementation of East Valley source substitution projects; and coordinating pipeline and pumping station construction with expansion of the Canal distribution system in the Oasis area.[36]

1.4.4.5.3 Other Programs

Other water management programs in the Coachella Valley are monitoring and data management activities, well management programs, and stakeholder input. These are presented in CVWD's CVWMP Update for information purposes, but were not subject to CEQA review.[37]

Monitoring and Data Management
According to the CVWMP Update, the following new programs/projects should be implemented to improve monitoring and data management in the Valley: develop water resources database to facilitate data sharing among participating agencies and Tribes; construct additional monitoring wells in conjunction with new recharge facilities; develop a water quality assessment that identifies on-going monitoring activities in the basin; update and recalibrate Coachella Valley groundwater model based on current data and conduct a peer review of updated model; develop a new planning interface and database that can be linked with land use plans and agricultural activities to better distribute pumping and return flows to the model; develop and calibrate a water quality model capable of simulating the changes in salinity and possibly other conservative water quality parameters in conjunction with the salt/nutrient management plan; and develop a coordinated approach among the water purveyors and CVAG for calculating urban per capita water usage.[38]

[34]2012 CVWMP Update
[35]2011 SPEIR, p. 3-15.
[36]2011 SPEIR, p. 3-16.
[37]2011 SPEIR, p. 3-22.
[38]2011 SPEIR, pp. 3-22 to 3-23.

Implementation Plan
The implementation strategy for the CVWMP Update is a function of water needs and the feasibility of specific programs. CVWD, in conjunction with the Tribes and the other Valley water districts as appropriate, will implement new Plan elements on an established schedule.[39]

CVWD relies on the latest population projections developed by Riverside County. Regardless of the economy, growth will continue over the long term; however, population projections will need to be adjusted in terms of the timing of growth. These factors will require adjustment of Plan implementation to reflect revised population projections.[40]

Near Term Projects to Meet Water Management Needs
Even during recessionary forces or slowed growth, existing and planned CVWMP projects will continue to be implemented. Ongoing actions that will continue include: Whitewater recharge with SWP Exchange water and SWP purchases; implementation of the QSA; Levy Facility recharge at current levels of 32,000 AFY; Martinez Canyon recharge at current pilot level of 3,000 AFY; water conservation programs at current levels, including implementation of the adopted Landscape Ordinance and recycling in the West Valley; increased use of Canal water by golf courses with Canal water connections; conversion of East Valley agriculture to Canal water as opportunities arise; groundwater level/quality monitoring; and subsidence monitoring.[41]

1.4.5 SGMA Bridge Document

SGMA recognizes the efforts many areas such as Coachella Valley have made in developing and implementing groundwater management by allowing existing groundwater management plans to be submitted as an alternative (Alternative Plan) to preparing a Groundwater Sustainability Plan as directed under SGMA. The CWC describes voluntary alternative paths to preparing and submitting a SGMA GSP.

In 2008, CVWD, DWA, IWA, CWA, MSWD, and VSD formed the Coachella Valley Regional Water Management Group and have been engaging in collaborative groundwater management of the groundwater basin. Under SGMA, each agency (except for VSD), along with the County of Imperial, have filed Notices of Election to form Groundwater Sustainability Agencies within their respective boundaries within the Indio Subbasin. The SGMA Bridge Document demonstrated that, for the Indio Subbasin, the Coachella Valley Water Management Plan (CVWD 2010, adopted 2012) is:

- Functionally equivalent to the elements of a Groundwater Sustainability Plan (GSP) and required by Articles 5 and 7 of the California Code of Regulations (CCR) Title 23, Division 2, Chapter 1.5, Subchapter 2; and

[39]2011 SPEIR, p. 3-23.
[40]2011 SPEIR, p. 3-23.
[41]2011 SPEIR, p. 3-23.

- Able to achieve the objectives of the SGMA

The Bridge Document presents the Groundwater Sustainability Plan (GSP) contents described in Article 5 and Article 7 of CCR Title 23, Division 2, Chapter 1.5, Subchapter 2. The sections of the Bridge Document identify the location of the required GSP elements in the 2010 CVWMP Update and other supporting planning documents.

The Alternative Plan Update (December 2021) added a Sustainable Management goal, and refined the objectives from the 2010 Coachella Valley Water Management Plan Update to reflect water supply uncertainties of the Indio Subbasin, as follows:

1. Meet current and future municipal water demands with a ten percent supply buffer
2. Avoid chronic groundwater overdraft
3. Manage and protect water quality
4. Collaborate with tribes, state, and federal agencies on shared objectives
5. Manage future costs
6. Minimize adverse environmental impacts
7. Reduce vulnerability to climate change and drought impacts

(See Section 1.2 and Section 4.2.9 for detailed discussion of SGMA.)

1.4.6 2022-23 Annual CVWD Engineer's Report on Water Supply and Replenishment Assessment (Mission Creek, West Whitewater River and East Whitewater River Areas of Benefit)

The Engineer's Report is updated regularly for the Coachella Valley Water District to comply with the State Water Code Sections 31630-31639. The Water Code allows CVWD to conduct groundwater replenishment programs (GRPs) and levy and collect water replenishment assessments from non-exempt groundwater producers that benefit from the GRPs. The Engineer's Report provides a summary of the groundwater supply conditions, the need for continued replenishment, a description of current GRPs, and recommendations for replenishment assessment charges (RAC) to be levied upon groundwater production from the three defined areas that benefit from the GRP – Mission Creek Subbasin, West Whitewater River, and East Whitewater River.

The GRPs are essential to the water management plans that were developed to prevent conditions of overdraft and any associated undesirable results in all three areas of benefit (AOB). Groundwater replenishment is accomplished through two mechanisms: direct replenishment by which imported surface water is percolated directly into the aquifer, and in-lieu replenishment, by which imported surface water or recycled water is provided to groundwater pumpers for the purpose of reducing or eliminating their use of pumped groundwater.

Historical declines in groundwater levels in the eastern portion of the Whitewater River (aka Indio) Subbasin led to CVWD's GRP for the East Whitewater River AOB. Direct replenishment of the subbasin began in 1997, at the Dike 4 pilot facility, and the GRP became effective in 2005.

In 2021, assessable production in the AOB was 119,700 acre-feet, a two (2) percent decrease from 2020.

Direct replenishment of the AOB is currently accomplished via the artificial recharge of Colorado River water at the Thomas E. Levy Groundwater Replenishment Facility. In 2021, a total of 37,971 acre-feet of Colorado River water was delivered for direct replenishment at the Facility. CVWD also provides imported Colorado River water to 32 golf courses in the AOB to offset groundwater production as a form of in-lieu replenishment.

In addition to various upgrades to the delivery system and existing connections, CVWD completed improvements to the irrigation distribution system within the City of La Quinta, which allow for additional Coachella Canal water utilization for irrigation purposes at golf courses in south La Quinta. Improvements were expected to continue to the L4 Pump Station through 2022 to allow for these golf courses to meet 80 percent of their irrigation needs with non-potable water. Five additional golf courses in the East Valley are planned for connection to receive Colorado River water or a blend with recycled water, to eliminate groundwater pumping in the future.

The Oasis-in-Lieu Recharge Project is an in-lieu replenishment/source substitution project identified in the *2022 Indio Subbasin Alternative Plan Update.* The project involves the construction of a Canal water distribution system in the Oasis area of the AOB to provide imported Colorado River water for agricultural irrigation on the Oasis slope in-lieu of groundwater production. The project is designed to reduce groundwater production in the area by up to 32,000 AFY. Phase 1 of the project included two reservoirs to provide additional storage and operational improvements/flexibility in the Oasis area. Construction on this phase was completed in December 2020. Construction of Phase 2 includes four reservoirs, five pump stations, and approximately 18 miles of distribution pipeline and expansion of the irrigation distribution system. Phase 2 was scheduled for completion in November 2022.

CVWD filed Wastewater Change Petition WW0093 with the SWRCB pursuant to California Water Code 1211 in support of a proposed recycled water project for CVWD WRP 4. The project is an integral component of the *2022 Indio Subbasin Water Management Plan Update*, developed to eliminate groundwater overdraft and the associated adverse impacts by, among other measures, developing additional water sources for source substitution. This recycled water project will also provide important water quality benefits by reducing wastewater discharges to the CVSC and the Salton Sea. The project proposes to produce and deliver recycled water from the WRP 4 in four phases to a maximum capacity of 20 MGD. CVWD continues to seek resolutions to protests received to the change petition. As part of this process, CVWD

will initiate project-specific environmental review pursuant to CEQA. CVWD is currently working on a Preliminary Engineering Design Report that can be used for the project-specific environmental review.

Since 2005, groundwater levels across most of the East Whitewater River AOB have risen significantly, and historical artesian conditions have returned to a wide area of the AOB, which is evidence that the implementation of the GRP has effectively abated the overdraft that preceded it. Continued artificial replenishment is necessary to maintain these positive trends and prevent a return to overdraft in the future.

1.4.7 CWA Water Master Plan

The City understands the need to investigate future water projects to meet the needs of water distribution within its service area. Evaluating current water demands as well as demands associated with projected growth is key to water system master planning. The City updates its Water Master Plan from time to time in order to update internal pumping, piping, valving and distribution storage needed for safe and reliable water service to each and every customer within the CWA service area. As described in the previous sections, much water supply planning has been underway for several decades, and will continue with those regular reports. The City is evaluating various water source projects to substitute or supplement service for overall demands on native groundwater supplies. For the City's Water Master Plan, the focus is to continually understand when and where new development is planned so that the Capital Improvement Program (CIP), which is the ultimate goal of the Water Master Plan, can be continually updated for organized and efficient system expansion consistent with current development planning. (Section 3 further describes the CWA Water distribution system.)

SECTION 2
KPC COACHELLA DEVELOPMENT PROJECT

2.1 Project Description

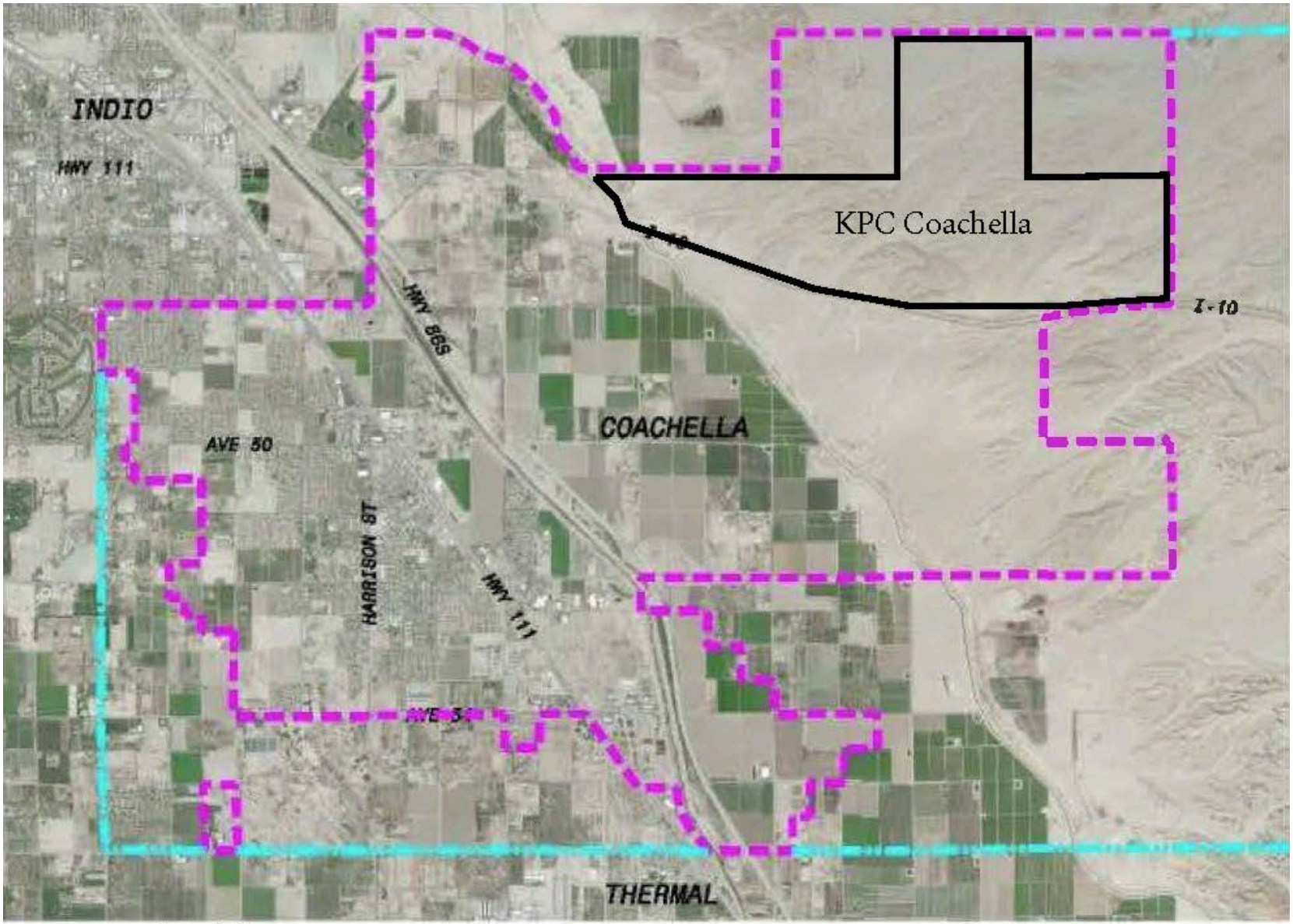
The proposed KPC Coachella project includes 9,536 dwelling units on approximately 2,807 acres of vacant land located within the northeastern section of the City of Coachella within General Plan Subarea 13, adjacent to the Interstate 10 and west of the Coachella Canal. The CWA, which is part of the City's Utilities Department, will serve as the public water system for the Project. **Figure 2-1** shows the general Project location within the Coachella Valley region.

2.2 Project Land Use Summary

The Project includes a mixture of single family and multi-family residential uses (with densities ranging from 1.0 to 25 units per acre), commercial uses, parks, open space, institutional, and backbone streets (right-of-way). **Table 2-1** summarizes the land uses proposed for the Project. **Figure 2-2** illustrates the land uses proposed for the Project.

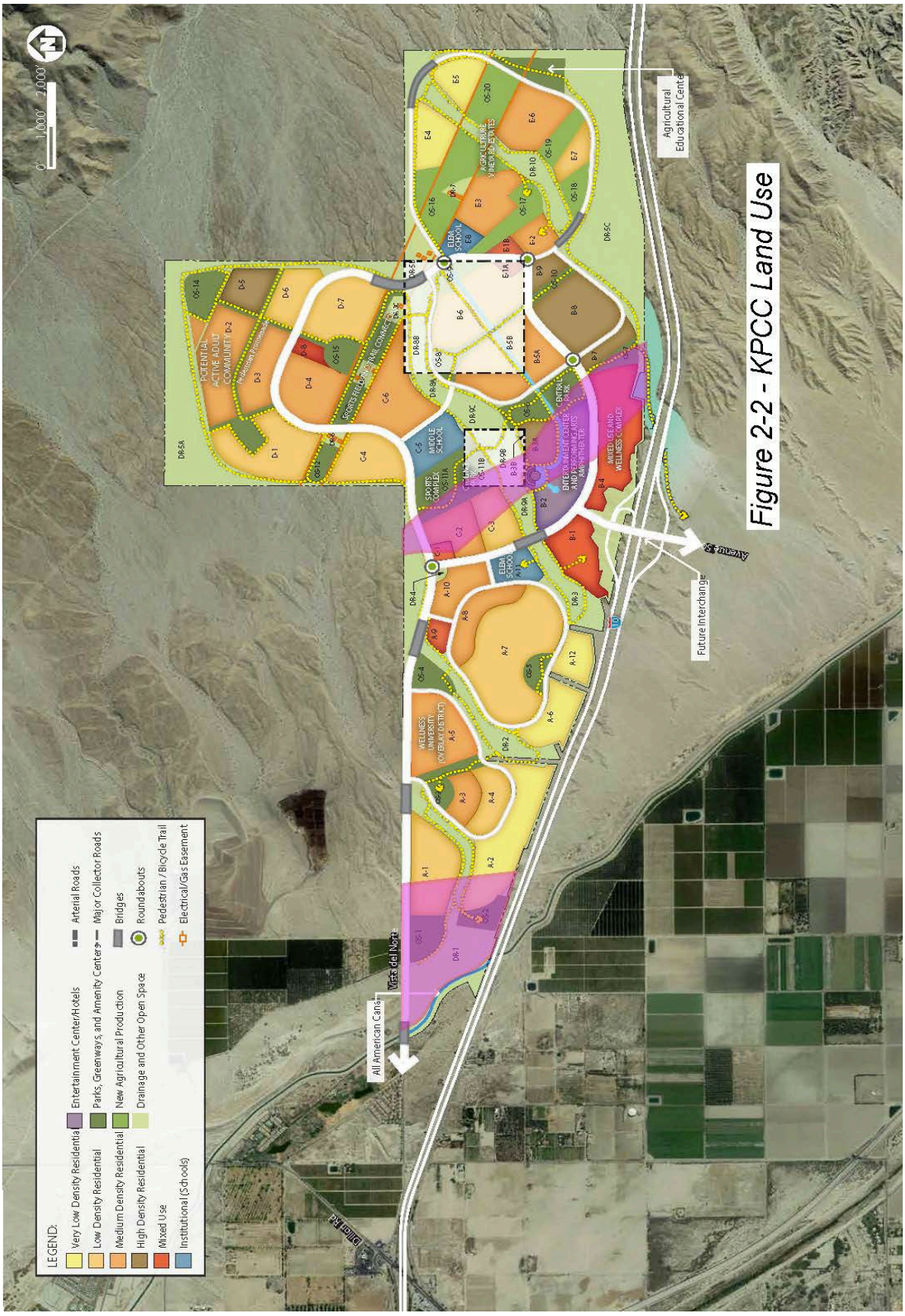
Table 2-1 - KPC Coachella Proposed Land Use

Land Use	Gross Acres (AC)	NAP	Density (DU/AC)	Dwelling Units (DU)
Residential				
Very Low Density Residential	152		0.4-1.0	152
Low Density Residential	362		2.0-8.0	1,811
Medium Density Residential	410		7.0-25.0	4,100
Medium Density Residential (NAP)	-	*9*	*7.0-25.1*	*87*
High Density Residential	102		15.0-40.0	2,542
Residential Sub-total	**1,026**			**8,605**
Commercial				
Mixed-Use	220		15.0-40.0	727
Mixed-Use (NAP)	-	*35*		*117*
Entertainment, Performing Arts	*27*			
Entertainment Venue	23			
Commercial Sub-total	**270**			**727**
Open Space				
Parks, Greenways, and Amenity Centers	379			
Parks, Greenways, and Amenity Centers (NAP)	-	*16*		
New Agricultural Production	68			
Drainage and Other Open Space	723			
Drainage and Other Open Space (NAP)	-	*31*		
Open Space Sub-total	**1,170**			
Institutional				
Elementary School	38			
Middle School	33			
Institutional Sub-total	**71**			
ROW/Streets				
ROW/Streets Sub-total	**179**			
Total Specific Plan Area	**2,716**			**9,332**
Total NAP	*91*			*204*
Total Specific Plan Area plus NAP	**2,807**			**9,536**



Source: City of Coachella 2017 Water Master Plan

Figure 2-1 - KPC Coachella Vicinity


LEGEND:
Very Low Density Residential
Low Density Residential
Medium Density Residential
High Density Residential
Mixed Use
Institutional (Schools)
Entertainment Center/Hotels
Parks, Greenways, and Amenity Centers
New Agricultural Production
Drainage and Other Open Space
Arterial Roads
Major Collector Roads
Bridges
Roundabouts
Pedestrian / Bicycle Trail
Electrical/Gas Easement
Agricultural Educational Center
Future Interchange
Avenue 52
All American Canal
Vista del Norte
Figure 2-2 - KPCC Land Use

2.3 Estimated Project Water Demand

The KPC Coachella project includes a mixture of single and multi-family residential uses, commercial uses, parks, schools and open space. As a result of recent governor proclamations and SBx7-7, and CWA's water use reduction programs to reduce per-capita water use to the gpcd (gallons per capita per day) target set for the 2010 UWMP by 2020, the City's per-capita water use has reduced by approximately 32 percent (Baseline for 2010 at 208 gpcd versus 141 gpcd[42]). The annual consumption factors (ACF) used for the KPCC water demand estimate are based on the City's current Water Master Plan (WMP, August 2017). The ACFs developed for the City's WMP are a result of decades of implementation of their Demand Management Measures. The 2009 and 2013 MOUs between the City and CVWD pertain to development projects, including KPCC, relying on CVWD's Supplemental Water Supply (SWS) program. To that end, the projects are expected to strive to achieve consistency with the CWA's water use reduction programs.

Table 2-2 below summarizes the estimated water demands of the Project. The following ACFs were pertinent to the KPCC project:

- Single Family Residential ACF of 2.85 acre-feet per acre per year
- Multi-Family Residential ACF of 2.69 acre-feet per acre per year
- Commercial ACF of 1.78 acre-feet per acre per year
- Entertainment Venue ACF of 1.78 acre-feet per acre per year
- Water Feature uses standard evaporation rate for City of Coachella
- Landscape Irrigation ACF of 1.80 acre-feet per acre per year

[42] 2020 Coachella Valley RUWMP, pp. 5.13, 5-14

Table 2-2 - KPC Coachella Estimated Water Demand

Land Use	Gross Acres (AC)	Density (DU/AC)	Dwelling Units (DU)	Consumption Factor [1]	Average Demand	Average Demand
Residential						
Very Low Density Residential	152.0	0.4-1.0	152	2.85 AF/Ac/Yr	433 AFY	0.39 MGD
Low Density Residential	362.0	2.0-8.0	1,811	2.85 AF/Ac/Yr	1,032 AFY	0.92 MGD
Medium Density Residential	410.0	7.0-25.0	4,100	2.85 AF/Ac/Yr	1,169 AFY	1.04 MGD
MDR (NAP)						
High Density Residential	102.0	15.0-40.0	2,542	2.69 AF/Ac/Yr	274 AFY	0.24 MGD
Residential Sub-total	**1,026.0**		**8,605**		**2,908 AFY**	**2.60 MGD**
Commercial						
Mixed Use - residential [2]	176.0		727	2.69 AF/Ac/Yr	473 AFY	0.42 MGD
Mixed Use - commercial [2]	44.0			1.78 AF/Ac/Yr	78 AFY	0.07 MGD
Mixed Use (NAP)						
Entertainment, Performing Arts [3]	27.0			1.78 AF/Ac/Yr	48 AFY	0.04 MGD
Entertainment Venue [5]	23.0			6.00 AF/Ac/Yr	138 AFY	0.12 MGD
Commercial Sub-total	**270.0**				**738 AFY**	**0.66 MGD**
Open Space						
Parks, Greenways, Amenity Centers	379.0			1.8 AF/Ac/Yr	682 AFY	0.61 MGD
PGAC (NAP)						
New Agricultural Production	68.0			1.8 AF/Ac/Yr	122 AFY	0.11 MGD
Drainage and Other Open Space	723.0			-	-	-
DRNG and other OS (NAP)						
Open Space Sub-total	**1,170.0**				**805 AFY**	**0.72 MGD**
Institutional						
Elementary School	38.0			1.32 AF/Ac/Yr	50 AFY	0.04 MGD
Middle School	33.0			1.32 AF/Ac/Yr	44 AFY	0.04 MGD
Institutional Sub-total	**71.0**				**94 AFY**	**0.08 MGD**
ROW/Streets						
ROW/Streets	179.0					
Interchange						
	2,716 ***[4]***		***9,536***		***4,544 AFY***	***4.06 MGD***

[1] Pursuant to Coachella Water Master Plan (August 2017).
[2] Assumed "Mixed Use" acreage split equals 80% residential, and 20% commercial.
[3] Includes 375 hotel rooms.
[4] Excludes NAP areas.
[5] Includes potential for up to 10 acres of water feature surface area subject to City of Coachella pan evaporation rate (taken as 10 ft/year). Normal water usage for "entertainment venue" is 1.78 ft/year. Ten of the proposed 23 acres calculates to an average consumption factor of approximately 6.0 AF/Ac/Yr (ft/year).

The KPC Coachella draft Specific Plan states that the design and layout of the land plan, infrastructure, development standards, and design guidelines will emphasize the integration of the City's Vision Plan with complementary land uses; and that it was prepared in accordance with the City's General Plan.

As shown in **Table 2-2**, the anticipated water demand for the Project is 4,544 AFY, which is dependent on conservation measures implemented by the Project, as discussed in the following section. Buildout is anticipated to occur at a rate that is consistent with the City's population growth estimates.

2.4 Project-Specific Water Conservation and Groundwater Reduction Measures

As a general matter, new development projects within the City are required to implement water conservation measures to ensure the efficient use of water resources and to meet and maintain the water use reduction achieved pursuant to SBx7-7 and the CWA 2020 UWMP. The Project applicant has committed to ensuring that buildout of the KPC Coachella project will occur in a manner consistent with the following efficient landscape ordinance:

1. To the greatest extent practicable, native plant materials and other drought-tolerant plants will be used in all non-turf areas of Project landscaping. Large expanses of lawn and other water-intensive landscaped areas shall be kept to the minimum necessary and consistent with the functional and aesthetic needs of the Project, while providing soil stability to resist erosion;
2. Potential use of the Coachella Canal for construction water and Project landscaping may further reduce Project demand for potable water. This will be reviewed for feasibility and subject to agreements between the City and CVWD since the Project lies outside of the ID-1 boundary;
3. In the event recycled water becomes available to the Project, the potential use of tertiary treated water will be reviewed to determine feasibility of its use for on-site landscaped areas to reduce the use of groundwater for irrigation;
4. The installation and maintenance of efficient on-site irrigation systems will minimize runoff and evaporation, and maximize effective watering of plant roots. Drip irrigation and moisture detectors will be used to the greatest extent practicable to increase irrigation efficiency;
5. The use of low-flush toilets and water-conserving showerheads and faucets shall be required in conformance with Section 17921.3 of the Health and Safety Code, Title 20, California Code of Regulations Section 1601(b), and applicable sections of Title 24 of the State Code.

Consistent with these general requirements, the Project applicant has demonstrated its commitment to maintaining the gpcd water use achieved by the CWA and

documented in its 2020 UWMP, as well as on-going water conservation goals as further provided below and in the KPC Coachella Specific Plan.

The KPCC Specific Plan proposes the efficient use of potable water through mandated building and site design requirements. KPCC strategies for water efficiency include:

- Reduce potable water demand through landscaping, non-potable reclaimed, well or canal water for irrigation purposes (when available), and high efficiency plumbing fixtures and appliances;
- Utilize high efficiency plumbing and fixtures;
- Utilize efficient irrigation controls to reduce water;
- Reduce the amount of irrigated turf in parks;
- Minimum of 75% of all front yard landscaping shall be limited to desert-scape or xeriscape materials;
- Implement an integrated stormwater collection and conveyance system designed to treat and convey development-related runoff; provide 100-year flood protection to flood-proned areas; increase groundwater recharge (where practical) through on-site retention basins, and improve water quality on-site and downstream through on-site water quality basins;
- Support the development of reclaimed water supplies in the City of Coachella.

Landscaping within the KPCC Specific Plan will complement the existing desert setting as well as provide parks and paseos for outdoor enjoyment and activity. The plant palette proposed in the Specific Plan contains drought tolerant plants approved for use by the City of Coachella. This palette serves as a guide and varieties may be substituted within each species if they are more appropriate for the Coachella Valley climate and/or Project design. KPCC landscape design strategies include:

- Utilize native plant choices to the greatest extent possible;
- Develop a plant palette that focuses on shading of pedestrian activity areas to promote use of non-motorized transportation and reduce the urban heat island effect;
- Promote the development of tree-lined streets to encourage walking, biking, and transit use, and reduce urban heat island effects;
- Achieve minimum of 75% of all front yard landscaping limited to desert-scape or xeriscape materials;
- Incorporate natural site elements (significant rock outcroppings, drainage corridors, bio-swales) as design features;
- Use Low Impact Development (LID) techniques to control stormwater flows on-site;

- Incorporate stormwater and/or water quality facilities close to the source within each Village, to protect the Project site and regional water quality by reducing sediment and nutrient loads to water bodies on-site and downstream; and
- Mimic the predevelopment site hydrology by using site design techniques that store, infiltrate, evaporate, and retain runoff to reduce off-site runoff and facilitate groundwater recharge.

The following guiding principles set the general direction for design of the landscaped areas of the individual KPCC Village communities:

- Implementation of landscape concepts that use drought tolerant plant pallets that are low-water use and well adapted to the desert climates;
- Incorporate eco-friendly designs, such as optimizing building orientation, reducing potable water use for irrigation and implementing shade strategies;
- Alley-loaded design concepts, which maximize streetscapes with emphasis on pedestrians by providing shade, amenities and connectivity throughout the project site;
- Incorporate the latest design principles of environmental sensitivity, conservation, and sustainability into the landscape planning and design;
- Promote design concepts that create lots fronting to open space areas, creating community-gathering places for local residents;
- Provide structures, pedestrian friendly streets, bicycle lanes, sidewalks and public gathering places that facilitate local, non-vehicular transportation;
- Planting areas and medians will be irrigated with high efficiency automatic irrigation system;
- Collection and treatment of urban runoff using multiple water quality basins throughout the project;
- Utilize high-efficiency plumbing fixtures that meet or exceed the CALGREEN code.

SECTION 3
CITY CHARACTERISTICS AND WATER SYSTEM

3.1 General

The City of Coachella is a desert community with a population of approximately 45,522 (as of 2020) located at the eastern end of the Coachella Valley, in Riverside County, California. The City is located southeast of the San Gorgonio Pass, east of the San Jacinto and Santa Rosa Mountains, northwest of the Salton Sea with an average elevation below sea level.[43] The current City limits encompass over 20,000 acres and the sphere of influence adds approximately 13,000 acres around the City.

3.1.1 Service Area Description

The City, incorporated in 1946, encompasses approximately 30 square miles in Riverside County. Existing land uses within the City consist primarily of single and multi-family homes. Commercial/light industrial zoning exists along the freeway corridor, agricultural zoning east of Highway 86/111, and heavier industrial zoning in the southern part of the City. Full build-out of the City's sphere of influence (SOI), for a total service area of approximately 53 square miles, is not anticipated until after 2050. The City's water supply service area is shown in **Figure 3-1**.

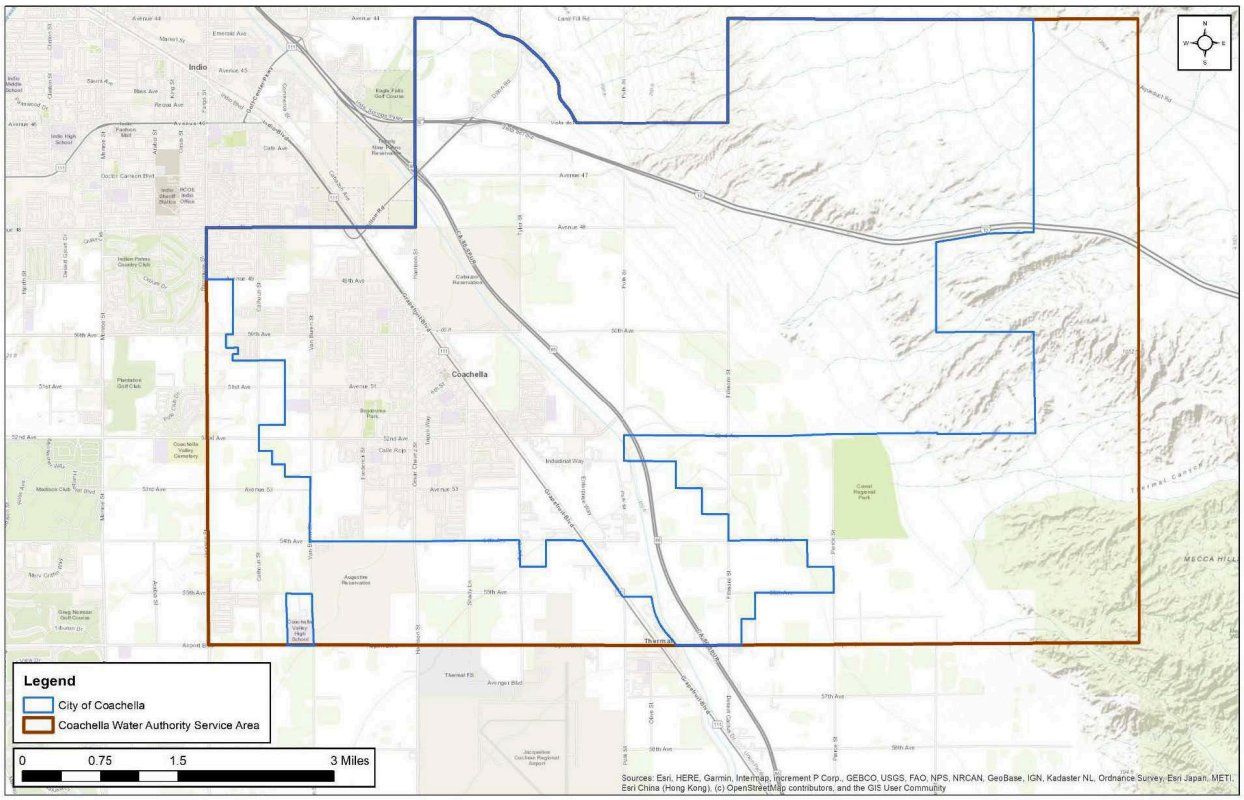


Figure 3-1 City of Coachella Water Service Area

[43] Coachella General Plan Update, 2015, p. 01-3

3.1.2 CWA Water System

Water is currently supplied for the City of Coachella entirely by the Coachella Valley Groundwater Basin, Indio Subbasin; Basin Number 7-21.01 (also referred to as the Whitewater River Subbasin). The Basin includes native supplies, and recycled water and imported supplies that are recharged to the Basin to replenish native supplies. The Basin is not adjudicated. The City supplies 100 percent of its potable water from City-owned and operated wells. The City currently operates six (6) active groundwater wells, Well Nos. 11, 12, 16, 17, 18, and 19, with a total production capacity of approximately 11,400 gallons per minute (gpm) or 16.5 million gallons per day (MGD). Water provided by these wells is of excellent quality and requires no treatment, other than chlorination, to maintain quality requirements of the California Department of Public Health.

The City is intersected by the Coachella Branch of the All-American Canal (Coachella Canal) and the Colorado River Aqueduct. The Coachella Canal is owned by the United States Bureau of Reclamation and is operated and maintained by the Coachella Valley Water District (CVWD). The Colorado River Aqueduct is owned, operated and maintained by the Metropolitan Water District of Southern California (MWD). The Coachella Canal bisects the City from the southeast to the northwest. The Colorado River Aqueduct passes through the northeastern portion of the City's service area through a closed conduit to prevent losses during conveyance. These waters are used for irrigation and groundwater recharge, respectively.

CWA's existing water system consists of two separate pressure zones, groundwater wells, storage reservoirs, booster pumping stations, and distribution pipelines. The Low Zone is generally south of 48th Avenue. The Low Zone provides water service to the majority of the City, and as the City continues to grow the Low zone will extend further east. The 150 Zone service area is generally north of 48th Avenue and supplies primarily commercial and light industrial users along the Interstate 10 freeway corridor.

Distribution storage and pumping are key to CWA's efficient water service. Three reservoirs provide distribution storage for the City's system, including the 1.5 MG Dillon Road Reservoir, the 3.6 MG Mecca Reservoir, and the 5.4 MG Well 18 Reservoir. Total storage capacity is approximately 10.5 MG. CWA operates two booster pumping stations – the Mecca Reservoir "Well 12" booster pump station and the Well 18 booster pump station. The Well 12 Booster supplies the Low Zone taking suction off the Mecca Reservoir, and the Well 18 Booster supplies both the 150 Zone and the Low Zone, and takes suction from the Well 18 Reservoir.

CWA's distribution network consists of approximately 120 miles of pipeline with diameters ranging from 4 inches to 36 inches. It is estimated that the majority of pipes in the City's distribution system were installed between 1940 and 1990. The older pipes are generally in the southern section of the Low Zone. Pipeline material

mostly consists of Asbestos Cement from the early years of development, with the newer pipes installed as polyvinyl chloride (PVC), ductile Iron (DI), and steel.[44]

The City operates a secondary-treatment wastewater facility with a 4.5 MGD capacity and currently processes approximately 2.7 MGD of wastewater. Wastewater effluent is conveyed to the Salton Sea via the storm water channel. The existing treatment plant can be upgraded to a tertiary treatment plant in the future which would permit recycled water to be used for non-potable purposes, as discussed in **Section 4.8**.

3.1.3 Climate

The City is located in the Coachella Valley. The climate is arid with the majority of precipitation occurring as rainfall in the winter months between November and March. The average rainfall for the Coachella area is approximately 4 inches per year. The only known measurable snowfall occurred on January 31, 1979.

Winter temperatures are generally between the low 40's and the mid 70's. Summer temperatures are generally between mid 70's and the low 100's. **Table 3-1** shows the average monthly ETo, rainfall, and temperature for the City of Coachella area.

Table 3-1
City of Coachella Area Climate

Month	Monthly Average ETo (inches)	Average Temperature (degrees F)		Average Rainfall (inches)
		Max	Min	
January	2.5	71	43	0.6
February	3.4	74	45	0.1
March	5.6	80	52	1.0
April	7.1	85	58	0.4
May	8.3	91	64	0.1
June	8.7	101	71	0.2
July	8.1	102	78	0.1
August	7.5	103	78	0.1
September	6.2	98	71	0.1
October	4.7	88	60	0.3
November	2.9	78	50	0.3
December	2.2	67	42	0.7
Total/Average:	**67.2**	**87**	**59**	**3.9**

Note: Data taken from CWA 2020 UWMP, Table 5-2

3.1.4 Service Area Population

CWA's water service area population is expected to increase substantially in the future. Currently, the service area lies within the City boundaries, serving more densely populated areas to the west and commercial/resort areas to the north. The DWR population tool used census data from 2010, and then used connections constructed since then to determine the 2020 population.[45] Future populations were projected using the regional growth forecast prepared by the Southern California

[44] 2020 Coachella Valley RUWMP, p. 5-3
[45] 2020 Coachella Valley RUWMP, p. 5-7

Association of Governments (SCAG). The City Development Services has received plans for several proposed development projects in various phases of the entitlement process ranging in size from 10 residential units to mixed-use developments with over 7,500 residential units. These include proposed units located within the City's SOI, which are not anticipated for full build-out until after 2050.[46]

The current and projected populations are shown in **Table 3-2**.

Table 3-2
City of Coachella Population Projections [1]

	Current	2025	2030	2035	2040	2045
Service Area Population	45,522	66,478	78,735	90,991	100,248	115,504

[1] CWA 2020 UWMP, Table 5-3

3.2 City Water Demands

3.2.1 City Past and Current Water Use

The City tracks the following water use sectors: single family, multi-family, commercial/institutional, industrial, and landscape irrigation. The City of Coachella service area population growth is trending upward. According to the City's website, between 2011 and 2020, the population has increased by 1.75 percent per year, on average.

The City's historic water uses by sector are shown in **Table 3-3**. In 2020, single family water use accounted for 59.4 percent of total water use and Commercial, Industrial and Institutional (CII) water use accounted for 10.8 percent of total water use.

Table 3-3 - Historic Water Use, AFY

Use Type	2016	2017	2018	2019	2020
Single family	4,236	3,855	4,022	3,860	4,283
Multi-family	174	125	704	609	693
Commercial/Institutional	967	807	723	755	779
Industrial	6	16			
Landscape Irrigation	698	1,106	583	1,065	1,087
Other	37	118	12	97	62
Non-revenue	119	790	1,092	417	312
Total:	**6,237**	**6,817**	**7,136**	**6,803**	**7,216**

[1] 2020 Coachella Valley RUWMP, Table 5-6

[46] 2020 Coachella Valley RUWMP, p. 5-7

3.2.2 City Water Demand Projections

The projected (next 20 years) water use for the City of Coachella is generally expected to increase at a similar rate to that of the projected population if per-capita water use is expected to remain constant. The City Development Services Department show active processing for several proposed and recently approved development projects, the larger of which range in size from 200 residential units to projects with mixed-use developments such as KPC Coachella with 9,536 residential units. As identified in the 2020 CWA UWMP, the total number of proposed residential units associated with these entitlement applications of the larger projects is approximately 22,419, including KPCC. These units are included in the City's SOI, which is not anticipated for full build out until after Year 2050.

CWA is participating in the Indio Subbasin Alternative Plan Update, which is being prepared to meet the requirement of the Sustainable Groundwater Management Act (SGMA). The participating agencies coordinated efforts with demand projections for the Update and the Mission Creek Subbasin Alternative Plan. The demand projection approach included several steps[47]:

- The projections were based on the regional growth forecast prepared by SCAG as part of their regional transportation plan. SCAG's most recent transportation plan is referred to as Connect SoCal. SCAG gathered input from cities and counties throughout southern California about expected growth and development for the next 25 years and incorporated the land use designations in each jurisdiction's General Plan. The SCAG analysis includes estimates of population, households, and employment in each TAZ in their study area.
- Additional analysis of vacancy rates was performed to estimate baseline and projected housing units for the study area, including housing units used by seasonal residents and other part-time uses.
- Future estimates of employment were used to drive future growth in Commercial, Industrial and Institutional (CII) demands.
- Five years of customer billing data were used to develop unit demand factors. These factors have units of gallons per housing unit for residential and landscape uses, and gallons per employee for CII uses.
- Water losses were estimated using water loss audits.
- Demands were adjusted for indoor passive conservation savings and outdoor savings from implementation of the 2015 Model Water Efficiency Landscape Ordinance (MWELO) and agency-specific requirements for future developments.

[47] 2020 Coachella Valley RUWMP, p. 5-10

Projected water use growth rate for 2020 through 2045 is shown in **Table 3-4**.

Table 3-4 – Future CWA Water Use Increase Rate [1]

Year	Total Service Area Population	Total Annual Water Use (AFY)	% Increase/yr
Current (2020)	45,522	7,216	-
2025	66,478	10,869	10.1%
2030	78,735	12,819	3.6%
2035	90,991	14,731	3.0%
2040	100,248	16,819	2.8%
2045	115,504	18,746	2.3%

[1] 2020 Coachella Valley RUWMP, Table 5-3

Water demand decreased for several years following the 2008-2010 recession due to the concurrent drought and followup state-wide mandates to conserve water, and due to the population growth slowdown. As a result, the City's 2020 GPCD water use (141 GPCD) is significantly lower than the SBx7-7 2020 target (200 GPCD)[48].

The *Indio Subbasin Alternative Plan Update* includes modeling of anticipated future water savings due to fixture replacements and government-mandated water efficiency requirements for fixtures defined as "passive" savings. The model considers these mandates and the average useful life and replacement rates for each type of fixture based on standard industry estimates and plumbing fixture saturation studies. It assumes that all new construction complies with the plumbing codes in effect at the time, and that when a device is replaced the new device is also in compliance with the current plumbing codes.[49]

Per capita water use was calculated in the City's 2010 UWMP. As presented in the 2010 UWMP, the base water use was calculated at 210 gallons per capita per day (gpcd), with an intermediate target reduction to 205 gpcd by 2015 and 200 gpcd by 2020 and beyond.

The City's current and future demand projections are presented in **Table 3-5**.

[48] 2020 Coachella Valley RUWMP, p. 5-14
[49] 2020 Coachella Valley RUWMP, p. 5-11

Table 3-5 - Projected Water Demands (AFY) [1]

Use Type	Projected Water Use					
	2020 (current)	**2025**	**2030**	**2035**	**2040**	**2045**
Single Family	4,283	7,072	8,364	9,575	10,840	11,785
Multi-Family	693	1,005	1,189	1,422	1,799	2,342
Commercial/Inst.	779	1,181	1,370	1,558	1,674	1,790
Industrial	-					
Landscape	1,087	935	1,096	1,257	1,449	1,641
Other	62	22	26	31	36	41
Losses	312	654	774	888	1,021	1,147
Total:	**7,216**	**10,869**	**12,819**	**14,731**	**16,819**	**18,746**

[1] Source: CWA 2020 UWMP, Table 5-7.

The CWA 2020 UWMP, Coachella Valley 2020 RUWMP, and CVRWMPG's planning efforts with the CVWMP Update and Status Reports demonstrate that the total projected water supplies available to CVWD and the City are sufficient to meet the water demands of KPC Coachella and the demands projected for the other development projects currently in active planning phases throughout the CWA service area during normal, single-dry and multiple-dry periods to the year 2045 – as required under the UWMP Act and SB 610.[50]

Under the UWMP Act, an UWMP must quantify historic, existing, and projected demand of various water users over 5-year increments for the ensuing 20-year period or as far as data is available.[51] The Act expressly requires such water demand forecasts associated with projected population increases to be based upon data produced by state, regional, or local service agency population projections.[52] The Act further states that demand estimates should account for particular land use sectors, including single-family residential, multi-family, commercial, industrial, institutional and government, landscape, sales to other agencies, conjunctive use, groundwater recharge, seawater intrusion barriers, and agriculture.[53]

The general standard for evaluating demand in a WSA is expressed as "the projected water demand associated with the proposed project, in addition to the public water system's existing and planned future uses, including agricultural and manufacturing uses."[54] Regular communication between the water supplier and lead agency will be essential to ensuring an accurate determination of sufficiency of water supply for future demand. Planned future uses may include projects that are expected to be

[50] Water Code §§ 10910(c)3; 10911(c); Pub. Res. Code § 21151; 14 Cal. Code Regs. §15155
[51] Water Code § 10631(a), (e)(1).
[52] Water Code § 10631(a).
[53] Water Code § 10631(e).
[54] See Water Code §§ 10910(c); 10911(c).

completed during the development and construction of the proposed Project. These include all new demands ranging from all individual single-family homes to large-scale developments. Proposed developments that have a reserved (or entitlement to) future water supply are considered to be moving towards construction.

Thus, a WSA should not be required to consider water demands associated with all development that might conceivably occur over the 20-year planning horizon, such as development or projected water demands associated with forecasted population increases in a general plan or UWMP. Rather, a WSA should only be required to contemplate development that is planned and reasonably likely to occur. This approach is consistent with project review conducted under CEQA. In general, CEQA requires some degree of forecasting of future events. For instance, CEQA Guidelines section 15144 provides: "While forecasting the unforeseeable is not possible, an agency must use its best efforts to find out and disclose all that it reasonably can."[55] In this regard, even a cumulative impacts analysis under CEQA is only required to encompass "past, present, and reasonably anticipated future projects."[56]

In *Laurel Heights Improvement Association of San Francisco v. The Regents of the University of California* (1988) 47 Cal. 3d 376, the California Supreme Court endorsed this view, explaining that "an EIR must address the impacts of 'reasonably foreseeable' future activities related to the proposed project." (*Id.* at 398-399; see also *Vineyard Area Citizens for Responsible Growth v. City of Rancho Cordova* (2007) 40 Cal. 4th 412, 428.) In *Laurel Heights*, the lead agency had detailed information about potential future uses for a property (details that had been published in a newsletter, for example), but did not address those future uses in its EIR because they had not yet been officially proposed. Though the Court did not require detailed analysis of every possible future use, it found that at least a general analysis of probable future uses was required. In explaining what may fall within the scope of such probable future uses, the Court held that an EIR does not require discussion of possible future action "that is merely contemplated or a gleam in a planner's eye."[57] Pursuant to this CEQA standard, it is reasonable for a WSA's evaluation of projected water demand associated with the "planned future uses" in the water provider's service area to be tied to the more limited set of projects that are "reasonably foreseeable probable future projects."

"Planned future uses" within the City and CVWD have generally decreased due to various reasons, likely including economic slowdown and related real estate market factors. Thus, the water demand associated with those projections is significantly less than the forecasted demand associated with previous population projections. Nonetheless, the demand projections analysis summarized in this section, as defined in the 2020 CWA 2020 UWMP (i.e. Chapter 5 of the 2020 Coachella Valley RUWMP) and further described in the Indio Subbasin Alternative Plan under SGMA, is considered a conservative approach for evaluating against available water supplies. Current and future water supply and reliability is summarized in Section 4.

[55] Cal. Code Regs, tit. 14, § 15144.
[56] Pub. Res. Code § 21083(b); Cal. Code Regs, tit. 14, § 15130(b)(1)(A).
[57] *Laurel Heights*, *supra*, 47 Cal.3d at 398.

3.3 Water Use Reduction Plan

Regarding Urban Water Conservation in California, the (former) California Urban Water Conservation Council CUWCC set guidelines in its Memorandum of Understanding to achieve a baseline level of water conservation in given water service areas (CUWCC, 2004). Signers of the MOU agreed to set goals to meet the standards outlined in the MOU. On November 2, 2000, the City of Coachella became a signatory to the MOU, and the City has remained committed to demand management throughout its service area as described in Section 1.

The City and CVWD continue to recognize that water is a limited resource and that water conservation and water use efficiency should be actively pursued throughout the Coachella Valley. As such, both the City and CVWD have implemented and will continue to expand on water conservation programs to not only stay within the target use as identified for "20x2020" (SBx7-7), but maintain the current level of per-capita water use throughout the City's water service area, which is significantly lower than the target (200 gpcd versus 141 gpcd).

3.4 Statewide Drought Conditions

On April 1, 2015, Governor Brown issued Executive Order B-29-15 calling for a 25 percent reduction in consumer water use in response to the historically dry conditions throughout California. The Executive Order also included mandatory actions aimed at reducing water demands, with a particular focus on outdoor water use. In addition to requiring urban water use reductions, the Executive Order called for the following:

- remove and replace turf with drought tolerant landscape options,
- support rebate program for water efficient devices,
- restrict water use on commercial, industrial, and institutional properties in order to achieve 25 percent reduction in potable water use,
- prohibit irrigation of ornamental turf on street medians with potable water supplies,
- prohibit irrigation of new construction with potable water unless drip or micro spray systems are used, and
- direct water supplies to develop rate structures and pricing mechanisms to maximize water conservation consistent with statewide restrictions.

3.4.1 State Board Emergency Water Conservation Regulations

In May 2015, pursuant to the Governor's Executive Order, the State Water Resources Control Board adopted emergency regulations designed to achieve an overall 25 percent reduction in potable urban water use across the state. The regulations were in response to the four-year drought and marked the first time in the State's history for such action. Under the regulations, the State's urban water suppliers (i.e., those serving more than 3,000 customers or delivering more than 3,000 AF of water per year, but not including suppliers functioning solely in a wholesale capacity) were required to achieve assigned water-saving targets that collectively would result in a 25 percent reduction in potable urban water production across the state. The original

and extended regulations were effective through May 2016. During that time, the City reduced water use by 24 percent compared to 2013 water use.

On May 9, 2016, Governor Brown issued Executive Order B-37-16 calling on the State Board to adjust emergency water conservation regulations through the end of January 2017 in recognition of differing water supply conditions across the state. On May 18, 2016, the State Board adopted a new emergency conservation regulation to allow urban water providers to calculate an alternative water conservation standard based on a "stress test" approach that assumes three additional dry years. These standards require local water agencies to ensure a three-year supply assuming three more dry years like the ones the state experienced from 2012 to 2015. Water agencies that would face shortages under three additional dry years are required to meet a conservation standard equal to the amount of shortage. As directed by Governor Brown in Executive Order B-37-16, the Board will separately take action to make some of the requirements of the regulation permanent. The emergency regulations do not impede the City's ability to grow and approve new developments. Rather, it guides water use in a conservative direction while eliminating gross water waste, as shown in the City's water use activity restrictions.

On April 7, 2017, Governor Brown ended the drought emergency in most of California through Executive Order B-40-17, while maintaining water reporting requirements and prohibitions against wasteful practices such as watering during or right after rainfall. The Order also rescinded two emergency proclamations from January and April 2014 and four drought-related Executive Orders issued in 2014 and 2015. Executive Order B-40-17 builds on actions taken in Executive Order B-37–16, which remains in effect, to continue making water conservation a way of life in California. The Board will separately take action to make reporting and wasteful water practices permanent.

The City reports its monthly water use and progress in meeting the mandated water use reduction to the State through its online monthly monitoring report system. Additionally, the City and CWA will continue to work with the Department of Water Resources and the State Board to develop a long-term framework to "Make Water Conservation a California Way of Life." This framework will help to improve the resiliency of California supplies in times of drought.

SECTION 4
WATER SUPPLY ASSESSMENT

4.1 Existing Water Supplies

CWA produces all of its water supplies from the Coachella Valley Groundwater Basin, specifically, the Indio Subbasin, which is continuously replenished at the local and regional level pursuant to a variety of water supply projects and programs.

The Coachella Valley relies on a combination of local groundwater, Colorado River (CR) water, surface water, and recycled water to meet demand. The City produces all of its water supplies from the Coachella Valley Groundwater Basin, specifically, the Indio Subbasin, which is continuously replenished at the local and regional level pursuant to a variety of water supply projects and programs. The Indio Subbasin is regionally managed by CVWD, CWA, and IWA. CVWD has statutory authority to replenish local groundwater supplies and collect assessments necessary to support a groundwater replenishment program as provided in the County Water District Law. As described in the 2020 Coachella Valley RUWMP and various other Coachella Valley water supply planning documents (e.g. CVWD 2012 Coachella Valley Water Management Plan and CVWD 2011 Subsequent Program Environmental Impact Report (SPEIR)), the Coachella Valley groundwater basin area serves as an expansive conjunctive use resource that is capable of ensuring a sufficient and sustainable water supply to serve existing uses and projected growth during normal, single-dry and multiple-dry years over an extended planning horizon, currently established as the year 2045. The basin contains vast reserves of local groundwater (approximately 30 million AF at depth of 1,000 feet), and has substantial available storage space that has been utilized, and will continue to be utilized, to store millions of acre-feet of supplemental supplies that become available during normal and above-normal years. Those surplus supplies are recharged to the basin for later use during dry periods.

In 2002, CVWD prepared a Water Management Plan to provide a road map for meeting future water demands throughout the Lower Coachella Valley, including the City. It includes recommendations for water conservation, additional imported supplies, source substitution, and groundwater recharge elements. CVWD successfully implements an urban water conservation program, acquires additional SWP supplies, constructed the initial phase of the Mid-Valley Pipeline, and constructed the Thomas E. Levy Groundwater Replenishment Facility. CVWD updated the Plan in 2010 and 2012. The CVWMP Update recommends greater conservation (agricultural conservation, additional urban conservation, and golf course conservation), supply development (acquisition of additional imported water supplies, recycled water use, and desalinated drain water), groundwater recharge program enhancements, and source substitution programs. A number of new projects and programs are recommended and presented in Section 8 of the CVWMP Update.[58] (See **Section 1** for a review of the CVWMP Update, related 2011 SPEIR and Review documents, 2019 SWP DCR, 2016 SGMA Bridge Document, and 2020

[58]See also: CVWD 2010 CVWMP, Section 4, Existing Water Supplies.

Coachella Valley Regional Urban Water Management Plan (RUWMP) and CWA 2020 UWMP (Chapter 5 of the RUWMP).

4.2 Groundwater

Groundwater[59] is the principal source of municipal water supply in the Coachella Valley. The main groundwater source for the entire valley is the Coachella Valley Groundwater Basin, Indio Subbasin, Basin Number 7-21-01, also known as the Whitewater River Subbasin, as shown in **Figure 4-1**. The east portion of the Indio Subbasin (East Whitewater River) is shared by CVWD, Indio Water Authority, Coachella Water Authority (City), and small private groundwater producers.

[59]As indicated throughout this WSA, the term groundwater refers to local groundwater and imported, recycled and other supplies that are continuously recharged to the basin and extracted from groundwater wells.

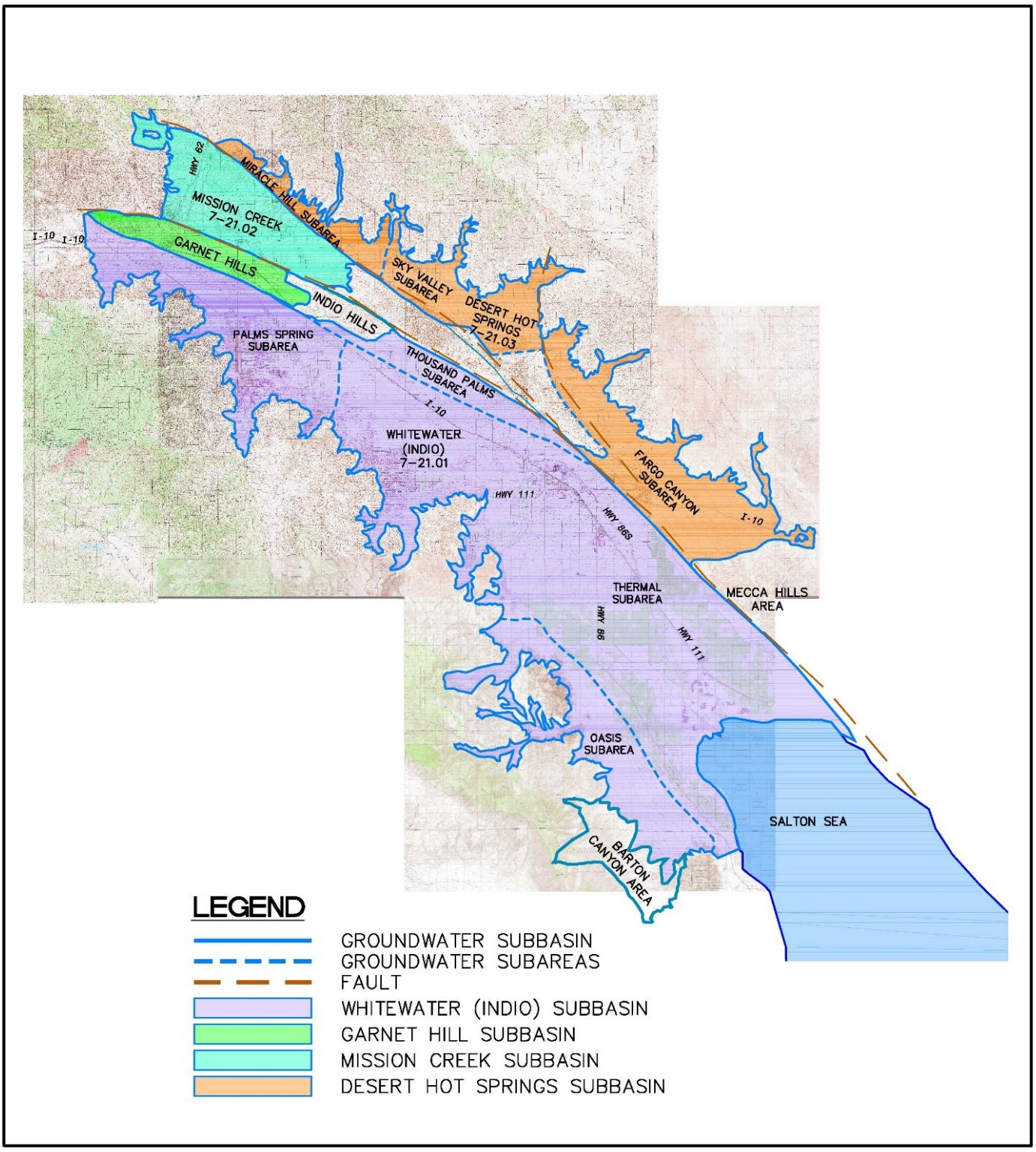


Figure 4-1 - Groundwater Subbasins

Water Code Section 10910(f) requires additional information when a groundwater basin is included as a source of water supply for a proposed project. The additional information includes a description of the basin, the rights of the public water system (PWS) to use the basin, the overdraft status of the basin, any past or planned overdraft mitigation efforts, historical use of the basin by the PWS, projected use of the basin by the Project, and a sufficiency analysis of the basin that is to be utilized to supply the Project. In addition to the information and analyses provided in other sections of this WSA, each of the statutory elements of Section 10910(f) is discussed in the following paragraphs.

4.2.1 Basin Description

The Indio Subbasin underlies a major portion of the valley floor and encompasses approximately 400 square miles. Beginning approximately one mile west of the junction of State Highway 111 and Interstate 10, the Subbasin extends southeast approximately 70 miles to the Salton Sea. It is bordered on the southwest by the Santa Rosa and San Jacinto Mountains and is separated from other basins by the Garnet Hill and San Andreas faults.

The southern boundary is formed primarily by the watershed of the Mecca Hills and by the northwest shoreline of the Salton Sea running between the Santa Rosa Mountains and Mortmar. Between the Salton Sea and Travertine Rock, at the base of the Santa Rosa Mountains, the southern boundary crosses the Riverside County Line into Imperial and San Diego Counties.

Although there is interflow of groundwater throughout the Coachella Valley Groundwater Basin, fault barriers, constrictions in the basin profile, and areas of low permeability limit and control movement of groundwater. Based on these factors, the Coachella Valley Groundwater Basin has been divided into subbasins and subareas as described by DWR in 1964 and 2003, and by the United States Geological Survey (USGS) in 1974.

The major subbasins of the east Coachella Valley are the Indio, Mission Creek, and Desert Hot Springs. The subbasins are defined without regard to water quantity or quality. They delineate areas underlain by formations which readily yield stored groundwater through water wells and offer natural reservoirs for the regulation of water supplies.

The boundaries between subbasins are generally defined by faults that impede the lateral movement of groundwater. Minor subareas have also been delineated based on one or more of the following geologic or hydrologic characteristics: types of water-bearing formations, water quality, areas of confined groundwater, forebay areas, groundwater divides, and surface drainage divides. Indio Subbasin has been designated a medium-priority groundwater basin, and is not adjudicated nor in a state of overdraft.

In 1964, DWR estimated that the subbasins in the Coachella Valley Groundwater Basin contained approximately 39,200,000 acre-feet (AF) of water in the first 1,000 feet below the groundwater surface.[60]

The CVWMP Update provides a more comprehensive description and discussion of the Subbasin.[61]

4.2.2 Public Water System Use Rights

As noted by DWR Bulletin 118, the basin is not adjudicated. As such, there are no specifically established limitations on the rights of the City to withdraw water. DWR Bulletin 118 notes that groundwater management in the basin is a local responsibility, and therefore decisions regarding basin conditions and controlled overdraft and groundwater management are the responsibility of local agencies. With specific regard to the Indio Subbasin and surrounding areas, CVWD, one of the region's SWP contractors, developed the 2002 CVWMP and CVWMP Update for the long-term management of groundwater resources. As detailed in those Plans and discussed in this WSA, CVWD has determined that the total projected water supplies available to the basin area, including the City and it's SOI, during normal, single-dry and multiple-dry periods throughout the year 2045 are sufficient to meet the needs of existing uses and projected growth.[62] Moreover, the potential environmental effects of implementing the projects and programs contained in the CVWMP Update have been analyzed in accordance with CEQA, and the determination has been made that implementation of the CVWMP Update will have a beneficial effect on groundwater resources.[63] CVWD, with assistance from other water agencies including the City's Coachella Water Authority, have been implementing water supply projects, programs and related management actions of the CVWMPs since 2002. A notable requirement under the CVWMP is that the City (and other agency producers) must pay a replenishment assessment charge (RAC) for each acre-foot of groundwater produced. The FY 2020 and 2021 the RAC for East Whitewater River AOB RAC was $66.00 per acre-foot (AF) of groundwater pumped. In FY 2022, the RAC was adjusted to $72.27/AF, and in the current FY is $78.41.[64] In 2020, CWA produced approximately 7,216 AF of groundwater and paid approximately $476,257 in RAC. In addition to the CVWMP process, in June 2021 the Coachella Valley adopted its 2020 RUWMP which includes CWA's 2020 UWMP to comply with CWC and to pursue its regional approach for addressing water management issues and to enhance the region's eligibility for state funding opportunities for water resource projects.

4.2.3 Status of Groundwater Basin

The 2020 RUWMP includes a water supply reliability analysis and demonstrates that the total projected water supplies available to the basin area, including the City of

[60] CVWD Water Supply Assessment Template, January 2023
[61] See CVWMP Update, Section 4.1.1, Whitewater River Subbasin.
[62] See, e.g., CVWMP Update, pp. 7-2 to 7-12; 2011 SPEIR, pp. 3-4 to 3-9.
[63] See, e.g., CVWMP Update, pp. 7-18 to 7-31; 2011 SPEIR, pp. 3-23 to 3-33.
[64] CVWD Engineer's Report on Water Supply and Replenishment Assessment 2022-23 Mission Creek, West Whitewater River, and East Whitewater River Subbasin Areas of Benefit, Table 5-3.

Coachella, during normal, single-dry and multiple-dry periods through the year 2045 are sufficient to meet the needs of existing uses and projected growth. Along with those conclusions, the 2020 RUWMP shows that the demand for groundwater in the Basin has, in the past, exceeded the natural recharge of the Basin and that condition has historically caused groundwater levels to decrease in portions of the East Valley raising concerns about water quality degradation and land subsidence. If left unaddressed and unmanaged, such groundwater conditions could result in increased groundwater pumping costs, continued decline of groundwater levels, and water quality degradation in the Basin.

Because of the difficult nature of quantifying overdraft, CVWD has based its assessment of the issue on the change in freshwater storage in the Basin. As reported in the Engineer's Report for the Indio Subbasin, since 2010 groundwater levels in the direct vicinity of TEL-GRF increased by up to 95 feet. These increases in groundwater levels are primarily the result of annual direct replenishment, which has averaged 35,300 AFY at the TEL-GRF. Groundwater levels have also gradually increased by up to 40 feet in the western portion of the AOB. The stable or increasing groundwater levels across the AOB demonstrate the benefit and effectiveness of the GRP in sustaining groundwater supplies.[65]

As noted throughout this WSA and the water supply planning and CEQA documents that support its analysis, Basin conditions have been and will continue to be fully addressed and comprehensively managed. Consistent with the conclusions of Coachella Valley's 2020 RUWMP and supporting documents reviewed in Section 1, it is expected that continued implementation of CVWMP recommendations will mitigate potential for overdraft conditions, have a beneficial effect on the groundwater basin's yield and water levels, and ensure sustainable management of the basin in compliance with SGMA.

4.2.4 Groundwater Management and Mitigation Efforts

As presented in Section 1, CVWD is successfully implementing an urban water conservation program, has acquired additional SWP supplies, and has constructed the Thomas E. Levy Groundwater Replenishment Facility, among many other water management programs and actions. The CVWMP Update recommends greater conservation (agricultural conservation, additional urban conservation, and golf course conservation), supply development (acquisition of additional imported water supplies, recycled water use, and desalinated drain water), groundwater recharge program enhancements, and source substitution programs as a means of improving basin conditions while ensuring a sufficient and sustainable source of water supply for existing and projected uses throughout the region. In addition to the information and analyses presented in this WSA, other descriptions of the projects and programs within the City and CVWD service areas are set forth in the CWA 2020 UWMP and

[65] CVWD Engineer's Report on Water Supply and Replenishment Assessment 2022-23 Mission Creek, West Whitewater River, and East Whitewater River Subbasin Areas of Benefit, p. 5-2.

Coachella Valley's 2020 RUWMP and supporting documentation reviewed for this WSA, of which are incorporated herein by reference.[66]

4.2.5 Historical Use of the Basin

The City of Coachella currently operates six (6) groundwater wells. In 2020, the City produced approximately 2,351 MG (7,216 AF) of groundwater. The operating conditions and controls for the wells vary, with some wells operating year-round and some turned on only seasonally. The system is controlled by a Supervisory Control and Data Acquisition (SCADA) system to ensure maximum efficiency of groundwater resources. The City presently uses approximately five percent of the total volume of water withdrawn from the East Whitewater River portion of the Indio Subbasin each year. **Table 4-1** shows the City's annual groundwater production in the east portion Subbasin over the past several years.

Table 4-1 - Groundwater Volume Pumped [1]

Groundwater Type	Location or Basin Name	2014	2015	2016	2017	2018	2019	2020
Alluvial Basin	East Whitewater River Subbasin	7,716	6,531	6,236	6,818	7,136	6,802	7,216
	Total:	**7,716**	**6,531**	**6,236**	**6,818**	**7,136**	**6,802**	**7,216**

[1] Source: CWA 2020 UWMP, Table 5-12.

Table 4-2 shows Coachella Valley Water District's total groundwater production both the Whitewater River and the Mission Creek Subbasins over the past several years.

[66]See Chapter 1 above regarding management efforts to ensure water supply sufficiency and improved groundwater conditions.

Table 4-2 - Retail Groundwater Volume Pumped

Groundwater Type	Location or Basin Name	Volume Pumped (AF)						
		2015	2016[1]	2017[1]	2018[1]	2019[1]	2020[1]	2021[1]
Alluvial Basin	West Whitewater River Subbasin	115,588	115,659	120,383	119,250	113,841	117,770	122,413
Alluvial Basin	East Whitewater River Subbasin	113,706	113,333	117,444	120,935	117,269	117,925	119,700
Alluvial Basin	Mission Creek Subbasin	4,090	4,175	4,281	4,175	3,973	4,655	4,582
Total:		**233,384**	**233,167**	**242,108**	**244,360**	**235,083**	**240,350**	**246,695**

[1] CVWD 2022-23 Engineer's Report on Water Supply and Replenishment Assessment, Tables 3-1, 4-1, and 5-1.

Substantial regional efforts are ongoing, led by CVWD, to recharge the Whitewater River Subbasin with imported water and other supplies. Those efforts are made possible in large part because CVWD is both a SWP contractor and importer of Colorado River water. Notably, however, the Coachella Valley does not have a direct physical connection to the SWP system. Therefore, CVWD has entered into an agreement with the Metropolitan Water District of Southern California (MWD), whereby MWD delivers Colorado River supplies to CVWD in exchange for like amounts of CVWD's SWP supplies. The Colorado River deliveries are made through MWD's Colorado River Aqueduct, which crosses the Coachella Valley near Whitewater. Among other things, the exchange agreement allows for advanced delivery and storage of Colorado River water in the Coachella Basin, thereby providing flexible and efficient water management opportunities. The large storage capacity of the Basin and the large volume of water in storage allow CVWD and other local water providers, such as the City, to pump needed supplies from the Basin during dry years, where large amounts of water can be recharged in normal and above normal years.

4.2.6 Projected Groundwater Use

As presented in Section 2, total projected water demand for the KPC Coachella project is estimated at approximately 4,544 acre-feet per year (AFY), using the City's recently developed demand factors. A detailed description and analysis of the amount of groundwater that is projected to be produced by the City from the East Whitewater Subbasin of the Coachella Groundwater Basin are provided in Sections 1, 3.2, 4.1 and 4.2 above. For purposes of this analysis, the facilities to be used by the City are described in Section 3.1.2.

4.2.7 Sufficiency of the Groundwater Basin for the Region

As detailed and analyzed throughout this WSA and in the City's 2020 UWMP, Coachella Valley's 2020 RUWMP, substantial evidence demonstrates that the groundwater and recharge groundwater supplies of the Coachella Valley and the Indio Subbasin are, and will continue to be, sufficient during normal, single-dry, and multiple dry years over the 20-year projection and beyond to meet the projected demand associated with the KPC Coachella Project, in addition to existing and the listed proposed development projects within the City.

Groundwater is the principle source of potable supply in the Coachella Valley and CVWD obtains groundwater from both the Indio and Mission Creek Subbasins of the Coachella Valley Groundwater Basin. CVWD's groundwater demand in the Coachella Valley Groundwater Basin for 2017 through 2021 is shown in **Table 4-3**.

Table 4-3 - CVWD Groundwater Demand in the Indio Subbasin

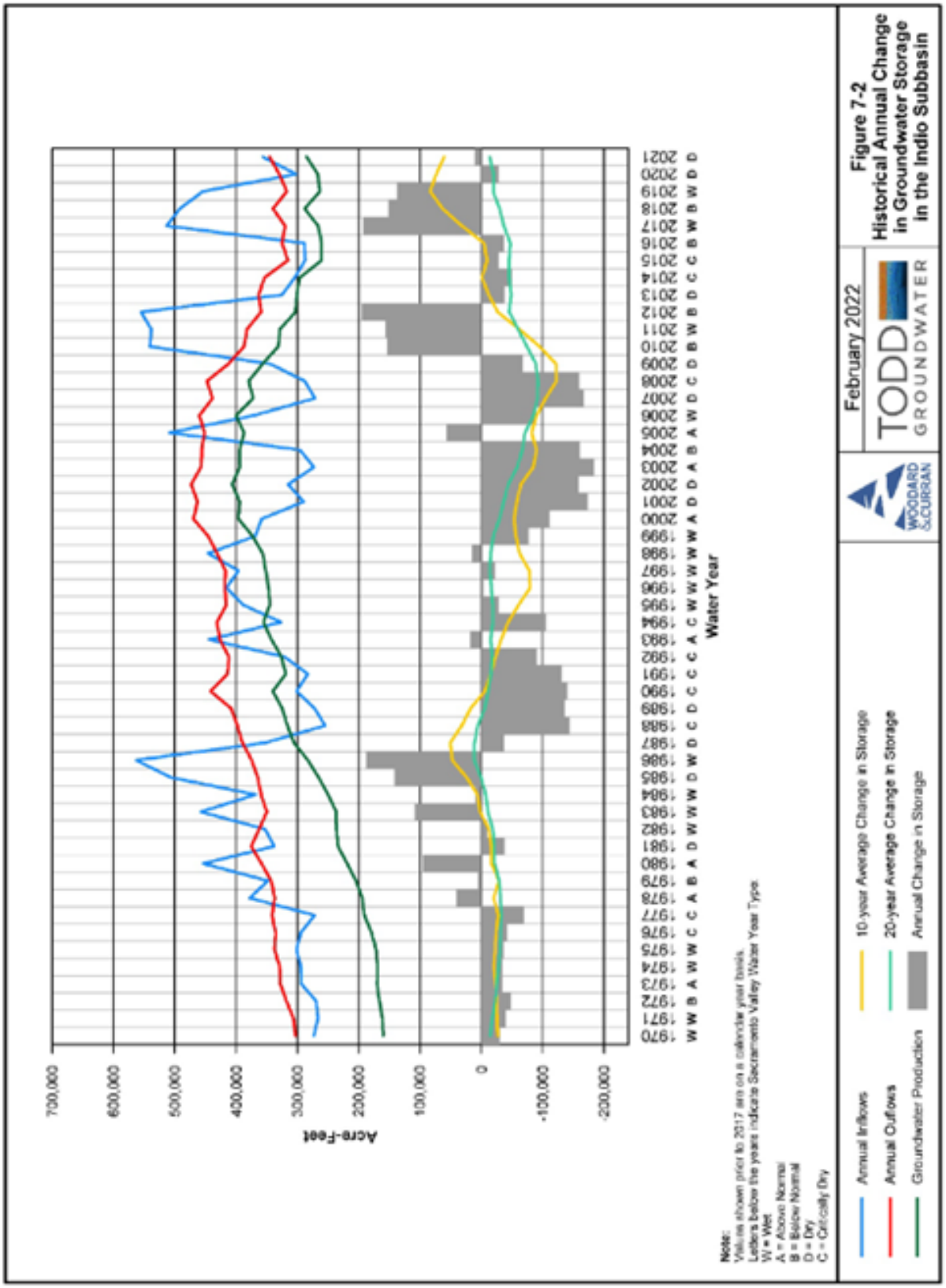
Groundwater Production (AF)	2017	2018	2019	2020	2021
Indio Subbasin	93,798	96,176	93,130	96,661	98,484

Source: CVWD Water Supply Assessment Template, January 2023.

Long-term sustainability is typically assessed based on changes in groundwater storage over approximately ten to twenty years which would include wet and dry periods.

Figure 4-2 shows the historical annual change in groundwater storage from 1970 through Water Year (WY) 2020-2021 in the Indio Subbasin. The figure also shows annual inflows, outflows, groundwater production, and 10-year and 20-year running-average change in groundwater storage. During periods of high artificial recharge, the change in storage tends to be positive. In dry years or periods of high groundwater pumping, the change in storage can be negative. The figure also indicates annual inflows to the Indio Subbasin are highly variable with years of high inflows corresponding to wet years when SWP delivery volumes were greater. Higher inflows in the mid-1980s occurred when the Metropolitan Water District of Southern California (MWD) commenced large-scale advanced water deliveries to the Indio Subbasin. After an extended period of decline, both the 10-year and 20-year running-average change in storage have shown positive trends since 2009, and the 10-year running-average has been positive since 2017.[67]

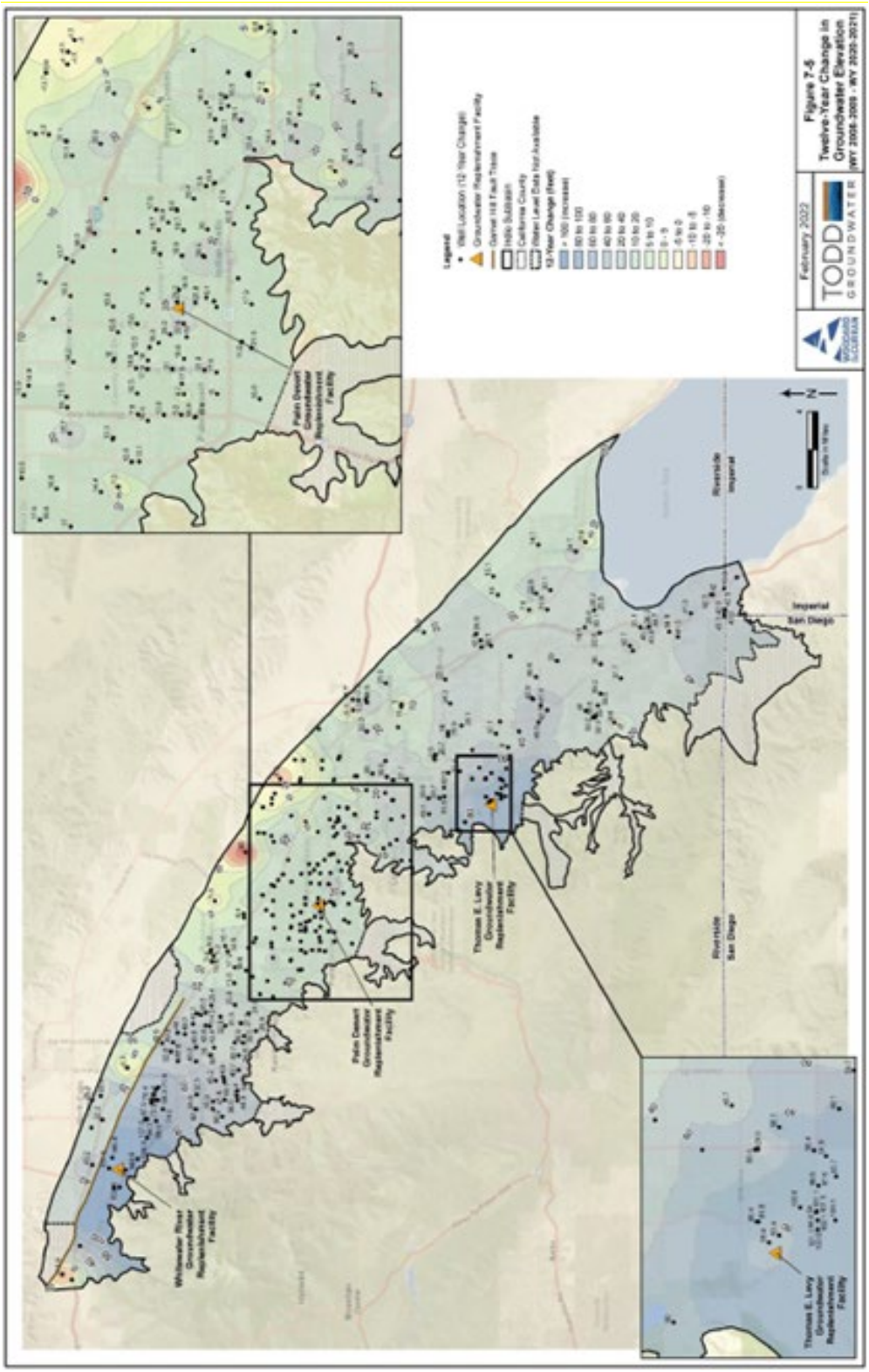
[67] CVWD Water Supply Assessment Template, January 2023.



Source: CVWD Water Supply Assessment Template, January 2023.

Figure 4-2: Historical Annual Change in Groundwater Storage in the Indio Subbasin

As shown in **Figure 4-3**, groundwater levels have increased significantly in the Indio Subbasin from WY 2008-2009 to WY 2020-2021. The 2022 Indio Subbasin Alternative Plan Update uses 2009 water levels as a metric of sustainability because historical low groundwater levels occurred in the years around 2009 throughout most of the Indio Subbasin. The Indio Subbasin shows a long-term positive trend in sustainability resulting from implementation of the Indio Subbasin Alternative Plan.



Source: CVWD Water Supply Assessment Template, January 2023

Figure 4-3: 12-Year Change in Groundwater Elevation from Water Year 2008-2009 through Water Year 2020-2021 in the Indio Subbasin

4.2.8 Other Factors Related to the Groundwater Basin

On or about May 14, 2013, the Agua Caliente Band of Cahuilla Indians filed a federal court lawsuit against CVWD and DWA, requesting the court to "judicially recognize, declare, quantify and decree" the Tribe's right to sufficient water underlying the Coachella Valley as necessary to fulfill the purposes of the Tribe. The lawsuit contends that the development of groundwater by CVWD and DWA has adversely affected the quantity and quality of groundwater supplies underlying the Coachella Valley and the Agua Caliente Reservation, and thus has injured and infringed upon the rights of the Tribe and its members. Among other things, the lawsuit seeks (1) an injunction to prevent CVWD and DWA from withdrawing groundwater from the Upper Whitewater and Garnet Hill subbasins of the Coachella Valley Groundwater Basin underlying the Agua Caliente Reservation; (2) an injunction to prevent CVWD and DWA from overdrafting the Upper Whitewater and Garnet Hill subbasins; (3) an injunction to prevent CVWD and DWA from recharging the Upper Whitewater and Garnet Hill subbasins with imported water of lesser quality than pre-existing groundwater without first treating the imported water; and (4) an injunction preventing CVWD and DWA from infringing on the Tribe's "ownership interest" in the storage space underlying the Reservation that is used to store the Tribe's water rights.

Several factors suggest that the lawsuit will not affect the availability, reliability or overall sufficiency of water supplies available to the City to serve the Project. For example, the rights that the Tribe alleges to hold have not been quantified, defined, substantiated or proven from an engineering or legal standpoint, and thus the potential impacts to CVWD and DWA operations are very speculative at this preliminary stage of the lawsuit. Second, as noted above, the City is not a party to the lawsuit and no injunctions are sought against the City's water production or any other water related activities conducted by the City. Third, the lawsuit concerns groundwater production and storage activities in the Upper (West) Whitewater and Garnet Hill subbasins, whereas the City and the KPC Coachella project are located in the East Whitewater subbasin, which is far south of the Agua Caliente Reservation and separate from the Upper Whitewater and Garnet Hill subbasins.[68] Fourth, assuming only for the sake of argument that the lawsuit was successful, it does not seek to prohibit the recharge of imported and supplemental water in the West Whitewater and Garnet subbasins (which, again, the Project does not utilize). Rather, the lawsuit demands that imported water of "inferior quality" be treated before it is recharged to the West Whitewater or Garnet Hill subbasins (Figure 4-1). For these and other reasons, it does not appear likely that the Agua Caliente lawsuit has the potential to affect the availability, reliability or overall sufficiency of water supplies available to the City of Coachella to serve the Project as set forth in this WSA.

[68] See Figure 4-1 above.

4.2.9 SGMA and Groundwater Sustainability Plans

On September 16, 2014, the Sustainable Groundwater Management Act (the Act) was signed into law. The Act declares that groundwater is a critical natural resource for the state and must be sustainably managed. The Act defines "sustainable groundwater management" as the management and use of groundwater in a manner that can be maintained during a 50-year planning and implementation horizon without causing "undesirable results," such as "significant and unreasonable" lowering of water levels, reduction in storage capacity, seawater intrusion, degraded water quality, land subsidence, or depletions of interconnected surface water. The Act also states that sustainable management best occurs at the local level, but provides authority for state management when local agencies are unwilling or unable to implement the new requirements. For purposes of the Act, groundwater does not include subsurface water that flows in known and definite channels, which in large part is already subject to the permitting jurisdiction of the State Board.

The Act requires DWR to categorize each groundwater basin in the state, as identified and defined in DWR's Bulletin 118, as high, medium, low, or very low priority by January 31, 2015. All basins designated as high or medium priority and also designated in Bulletin 118 as being subject to critical conditions of overdraft must be managed under a groundwater sustainability plan or plans in accordance with the Act by January 31, 2020. All basins designated as high or medium priority but not also designated in Bulletin 118 as being subject to critical conditions of overdraft must be managed under the Act by January 31, 2022. Basins designated by DWR as low and very low priority are not subject to the requirements of the Act, but are "encouraged" to be managed under groundwater sustainability plans.

The Act authorizes a groundwater sustainability agency to regulate, limit or suspend groundwater extractions from individual wells, but it does not authorize such agencies to make a binding determination of the water rights of any person or entity. The Act authorizes any local agency or a combination of local agencies overlying a basin to become a groundwater sustainability agency for that basin. A local agency is defined as a public agency having water supply, water management or land use responsibilities within the basin. Where a combination of local agencies seeks to form a single groundwater sustainability agency, it must be done pursuant to a joint powers agreement or other legal agreement. For some areas of the state, specific agencies that already have been created by statute to manage groundwater are deemed by the Act to be the exclusive groundwater sustainability agencies within their respective boundaries, although such agencies may opt out of that role by providing notice to DWR. In that case, any other local agency or agencies may notify DWR of an election to be the groundwater sustainability agency in accordance with required procedures.

The Act expresses clear legislative intent that the entirety of each high and medium priority groundwater basin must be covered by one or more groundwater sustainability plans. In other words, there can be no unmanaged areas. In this regard, the Act provides that a basin plan may be (1) a single plan covering the entire basin developed and implemented by one groundwater sustainability agency; (2) a

single plan covering the entire basin developed and implemented by multiple groundwater sustainability agencies; or (3) multiple plans implemented by multiple groundwater sustainability agencies and coordinated pursuant to a single coordination agreement that covers the entire basin. If multiple coordinated plans are prepared to cover a basin, the groundwater sustainability agencies must ensure that the plans utilize the same data and methodologies for developing assumptions regarding groundwater elevations, groundwater extractions, surface water supplies, total water use, changes in groundwater storage, water budget, and sustainable yield.

The Act mandated that by June 30, 2017, every portion of a high or medium priority basin must be covered by the boundaries of at least one groundwater sustainability agency. If an area within a basin is not within the management area of a groundwater sustainability agency, the county within which the unmanaged area lies is presumed to be the sustainability agency for that area, unless the county opts out of that role by notifying DWR. If an entire basin is not covered by one or more groundwater sustainable agencies by the June 30, 2017, deadline, groundwater extractions in that area become subject to specific reporting requirements, and the State Board may designate the basin as a "probationary basin" and step in to adopt an interim plan for the basin. Groundwater sustainability plans must include the following components:

- The physical setting and characteristics of the aquifer system underlying the basin;
- Measurable objectives, and interim milestones in five-year increments to achieve the sustainability goal in the basin within 20 years of implementation;
- A planning and implementation horizon, defined by the Act as a 50-year time period over which a groundwater sustainability agency determines that plans and measures will be implemented in a basin to ensure it is operated within its sustainable yield;
- Components relating to the monitoring and management of groundwater levels; groundwater quality, inelastic land surface subsidence, and changes in surface flow and surface water quality that directly affect groundwater levels or quality or are caused by groundwater extraction in the basin; mitigation of overdraft; how recharge areas contribute to basin replenishment; and surface water supplies used or available for groundwater recharge or in lieu use;
- A summary of monitoring sites, type of measurements, and frequency of monitoring various factors;
- Monitoring protocols designed to detect changes in groundwater levels, groundwater quality, inelastic surface subsidence, and flow and quality of surface waters that directly affect groundwater levels or quality or are caused by groundwater extractions in the basin; and
- A description of how applicable county and city general plans have been considered and a description of the various adopted water resource-related

plans and programs within the basin and an assessment of how the groundwater sustainability plan may affect such other plans and programs.

In addition, groundwater sustainability plans must include basin-specific measures where appropriate, such as:

- Control of saline water intrusion;
- Wellhead protection and recharge areas;
- Migration of contaminated groundwater;
- Well construction, abandonment and destruction programs and policies;
- Activities and opportunities for conjunctive use;
- Measures addressing cleanup of groundwater contamination, groundwater recharge, diversions to storage, conservation, water recycling, conveyance, and extraction projects;
- Efficient water management practices;
- Efforts to develop relationships with state and federal regulatory agencies;
- Processes to review land use plans and efforts to coordinate with land use planning agencies to assess activities that potentially create risks to groundwater quality or quantity; and
- Impacts to groundwater dependent ecosystems.

Prior to initiating the development of a groundwater sustainability plan, the sustainability agency or agencies must notify the public, DWR, and any city or county located within the area to be covered by the plan about how interested parties may participate in the plan's development and implementation. The sustainability agency must also encourage the active involvement of diverse social, cultural, and economic communities within the groundwater basin prior to and during the development and implementation of the plan. A groundwater sustainability plan may only be adopted after a public hearing held at least 90 days after notice was provided to any city or county within the area affected by a groundwater sustainability plan. Upon adoption of a plan, the groundwater sustainability agency must submit the plan to DWR for review. DWR must post the plan on its website and provide a 60-day public comment period. In addition, DWR must evaluate and issue an assessment of the plan within two years of submission and may include corrective actions to any perceived deficiencies in the plan. The Act also allows an adopting agency to file a validation action on its plan 180 days after the plan is adopted.

Groundwater sustainability agencies that adopt sustainability plans will have broad new powers under the Act, and include the authority to:

- Adopt rules, regulations, ordinances, and resolutions;
- Conduct investigations to determine the need for groundwater management, including investigations of surface waters, groundwater, and surface and

groundwater rights, and inspections of property or facilities by consent or through an inspection warrant;

- Propose, update, and impose fees, and levy groundwater charges;
- Require registration of and impose requirements on wells and other groundwater extraction facilities;
- Require water measuring devices (i.e., meters) on all groundwater wells within the agency's boundaries;
- Acquire, use, and dispose of real and personal property, such as land, rights-of-way, water rights, structures and infrastructure;
- Import surface and/or groundwater into the agency, conserve and store water within or outside the agency, and purchase, transfer, deliver or exchange water or water rights of any type with any person to carry out any purposes of the Act;
- Transport, reclaim, purify, desalinate, treat, or otherwise manage and control polluted water, wastewater, or other waters for subsequent use;
- Control groundwater extractions by regulating, limiting, or suspending extractions from individual groundwater wells or wells in the aggregate;
- Authorize temporary and permanent transfers of groundwater extraction allocations within the agency boundaries; and
- Enforce violations of the Act or agency rules, regulations, ordinances or resolutions, including the ability to impose civil penalties and bring legal actions.

The Act also provides groundwater sustainability agencies with broad financial powers. For example, sustainable agencies will be authorized to impose a wide variety of fees covering matters such as permitting; groundwater extractions; preparation, adoption, and amendment of groundwater sustainability plans; investigations; inspections; compliance; enforcement; program administration; reserves; acquisition of lands or other property, facilities or services; and water supply, production, treatment or distribution. While the Act clearly acknowledges that sustainable groundwater management occurs best at the local level, if local agencies are either unwilling or unable to implement the new requirements of the Act, the state may step in. To this end, the Act provides the State Board with broad discretion to determine that a high or medium priority basin should be designated as a "probationary basin" and thereby trigger State Board management authority. When state action is required, the Act provides various mechanisms to return local control whenever feasible.

In the Whitewater River Subbasin, the key agencies that have taken leading roles thus far in establishing basin management programs discussed in this WSA, such as CVWD and the City, will continue to be involved in basin stewardship and governance under the Act.

In December 2016, The CVWD completed and adopted the Bridge Document (BD) with the purpose of demonstrating that the Coachella Valley Water Management Plan is functionally equivalent to the requirements for a GSP. It describes how the 2010 CVWMP Update meets the requirements of SGMA. The document is organized according to the requirements of Articles 5 and 7 of California Department of Water Resource's emergency regulations.

The BD specifically covers the Indio Subbasin and its subareas – Palm Springs, Garnet Hill, Thousand Palms, Thermal, and Oasis. The Coachella Valley lies within the northwesterly portion of California's Colorado Desert, an extension of the Sonoran Desert. The San Bernardino, San Jacinto, and Santa Rosa Mountains provide an effective barrier against coastal storms, and greatly reduce the contribution of direct precipitation to replenish the Coachella Valley's groundwater, resulting in an arid climate. The planning area includes the entirety of the Indio Subbasin. In addition, the planning area includes land outside the Indio Subbasin that is or may in the future be dependent on groundwater pumped from the Subbasin.

Water management programs have been implemented in the Coachella Valley for many years based on the Coachella Valley Regional Water Management Group's planning efforts (i.e. CVWMP Update and subsequent Reviews). The original plan and the update were developed with the goal of reliably meeting current and future water demands in a cost effective and sustainable manner. The BD concluded the CVWMP Update and Reviews are functionally equivalent to the requirements of SGMA.[69] Implementation of the Plan to date is showing positive results in terms of both water balance and water levels. Continued implementation will ensure that the Indio Subbasin is operated sustainably and consistent with the goals of SGMA.

4.3 Colorado River Water

Colorado River supplies are important to the Coachella Valley for two primary reasons. First, and as further discussed below, a substantial portion of California's share of Colorado River water is allocated directly to CVWD. Second, much of the replenishment supplies used in the Valley come from MWD's allocation of Colorado River water, via the exchange agreement for SWP supplies as discussed above.

Colorado River water has been a major source of supply for the Coachella Valley since 1949 with the completion of the Coachella Canal.[70] The Colorado River is managed and operated in accordance with the *Law of the River,* the collection of interstate compacts, federal and state legislation, various agreements and contracts, an international treaty, a U.S. Supreme Court decree, and federal administrative actions that govern the rights to use of Colorado River water within the seven Colorado River Basin states. The *Colorado River Compact*, signed in 1922, apportioned the waters of the Colorado River Basin between the Upper Colorado River Basin (Colorado, Wyoming, Utah, and New Mexico) and the Lower Basin (Nevada, Arizona, and California). The Colorado River Compact allocates 15 million AFY of Colorado River

[69] 2016 SGMA Alternative GW Sustainability Plan Bridge Document for the Indio Subbasin, Tables 7-1 and 7-2
[70] CVWMP Update, p. 4-13.

water: 7.5 million AFY to the Upper Basin and 7.5 million AFY to the Lower Basin, plus up to 1 million AFY of surplus supplies. The Lower Basin's water was further apportioned among the three Lower Basin states by the *Boulder Canyon Project Act* in 1928 and the 1964 U.S. Supreme Court decree in *Arizona v. California*. Arizona's basic annual apportionment is 2.8 million AFY, California's is 4.4 million AFY, and Nevada's is 0.3 million AFY. California has been diverting up to 5.3 million AFY in recent years, using the unused portions of the Arizona and Nevada entitlements. Mexico is entitled to 1.5 million AFY of the Colorado River under the *1944 United States-Mexico Treaty for Utilization of Waters of the Colorado and Tijuana Rivers and of the Rio Grande*. However, this treaty did not specify a required quality for water entering Mexico. In 1973, the United States and Mexico signed Minute No. 242 of the International Boundary and Water Commission requiring certain water quality standards for water entering Mexico.[71]

California's apportionment of Colorado River water is allocated by the 1931 *Seven Party Agreement* among Palo Verde Irrigation District (PVID), Imperial Irrigation District (IID), CVWD and Metropolitan. The three remaining parties, the City and the County of San Diego and the City of Los Angeles, are now part of Metropolitan. The allocations defined in the *Seven Party Agreement* are shown in **Table 4-4** below. In its 1979 supplemental decree in the *Arizona v. California* case, the United States Supreme Court also assigned "present perfected rights" to the use of river water to a number of individuals, water districts, towns and Indian tribes along the river. These rights, which total approximately 2,875,000 AFY, are charged against California's 4.4 million AFY allocation and must be satisfied first in times of shortage. Under the 1970 *Criteria for Coordinated Long-Range Operation of the Colorado River Reservoirs* (Operating Criteria), the Secretary of the Interior determines how much water is to be allocated for use in Arizona, California and Nevada and whether a surplus, normal or shortage condition exists. The Secretary may allocate additional water if surplus conditions exist on the River (see additional discussion below).[72]

[71] CVWMP Update, p. 4-13.
[72] CVWMP Update, p. 4-13.

Table 4-4 - Priorities and Water Delivery Contracts
California Seven Party Agreement of 1931

Priority	Description	Acre-ft/year
1	Palo Verde Irrigation District gross area of 104,500 acres of Coachella Valley lands	3,850,000
2	Yuma Project (Reservation Division) not exceeding a gross area of 25,000 acres within California	
3(a)	IID, CVWD and lands in Imperial and Coachella Valley's to be served by the All American Canal	
3(b)	Palo Verde Irrigation District – 16,000 acres of mesa lands	
4	Metropolitan Water District of Southern California for use on coastal plain	550,000
	Subtotal – California Basic Apportionment	4,400,000
5(a)	Metropolitan Water District of Southern California for use on coastal plain	550,000
5(b)	Metropolitan Water District of Southern California for use on coastal plain	112,000
6(a)	IID and lands in the Imperial and Coachella Valley's to be served by the All American Canal	300,000
6(b)	Palo Verde Irrigation District – 16,000 acres of mesa lands	
	Total	**5,362,000**

Sources: United States Bureau of Reclamation, http://www.usbr.gov; Coachella Valley Water Management Plan Update, January 2012, p. 4-14, Table 4-2.

California's Colorado River supply is protected by the 1968 Colorado River Basin Project Act, which provides that in years of insufficient supply on the main stream of the Colorado River, supplies to the Central Arizona Project shall be reduced to zero before California will be reduced below 4.4 million AF in any year. This assures full supplies to the Coachella Valley except in periods of extreme drought. As further described below, delivery analyses performed for the Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lake Powell and Lake Mead indicated that that California would only experience shortages if the total shortage in the Lower Basin exceeds 1.7 million AFY.[73]

The Coachella Canal (Canal) is a branch of the All-American Canal that brings Colorado River water into the Imperial and Coachella Valleys. Historically, CVWD received approximately 330,000 AFY of Priority 3A Colorado River water delivered via the Coachella Canal. The Canal originates at Drop 1 on the All-American Canal and extends approximately 122 miles, terminating in CVWD's Lake Cahuilla. The service area for Colorado River water delivery under CVWD's contract with Reclamation is defined as Improvement District No. 1 (ID-1) which encompasses most of the East Valley and a portion of the West Valley north of Interstate 10. Under the 1931 California Seven Party Agreement, CVWD has water rights to Colorado River water

[73] CVWMP Update, p. 4-14.

as part of the first 3.85 million AFY allocated to California. CVWD is in the third priority position along with IID.[74]

4.3.1 Quantification Settlement Agreement

Although the rights and relative priorities to Colorado River supplies as discussed above remain established under the *Law of the River*, an additional framework applies in California. In 2003, CVWD, IID and Metropolitan successfully completed negotiation of the Quantification Settlement Agreement (QSA). The QSA quantifies the Colorado River water allocations of California's agricultural water contractors for the next 75 years and provides for the transfer of water between agencies.

Specific programs under the QSA include lining portions of the All-American and Coachella Canals, which conserve approximately 96,000 acre-feet annually. As a result, about 80,000 acre-feet of conserved water is delivered to the San Diego County Water Authority ("SDCWA") by exchange with Metropolitan. Metropolitan also takes delivery of 16,000 acre-feet annually that will be made available for the benefit of the La Jolla, Pala, Pauma, Rincon and San Pasqual Bands of Mission Indians, the San Luis Rey River Indian Water Authority, the City of Escondido and the Vista Irrigation District, upon completion of a water rights settlement, expected in 2013. An amendment to the 1988 Conservation Agreement between Metropolitan and IID and an associated 1989 Approval Agreement among Metropolitan, IID, CVWD and PVID, extended the term of the 1988 Conservation Agreement and limited the single year amount of water used by CVWD to 20,000 acre-feet. Also included under the QSA is the Delivery and Exchange Agreement between Metropolitan and CVWD that provides for Metropolitan to deliver annually up to 35,000 acre-feet of Metropolitan's State Water Project contractual water to CVWD by exchange with Metropolitan's available Colorado River supplies. In calendar year 2011, under a supplemental agreement with CVWD, Metropolitan delivered 105,000 acre-feet, which consisted of the full 35,000 acre-feet for 2011 plus advance delivery of the full contractual amounts for 2012 and 2013.[75]

Under the QSA, CVWD has a base allotment of 330,000 AFY. In accordance with the QSA, CVWD has entered into water transfer agreements with Metropolitan and IID that increase CVWD supplies by an additional 129,000 AFY as shown in **Table 4-5**.[76]

[74] CVWMP Update, p. 4-14.
[75] MWDSC 2013 Preliminary Official Statement, Water Revenue Refunding Bonds, Appendix A, p. A-16.
[76] CVWMP Update, p. 4-15.

Table 4-5 - CVWD Deliveries under the QSA

Component	2010 Amount (AFY)	2045 Amount (AFY)
Base Allotment	330,000	330,000
1988 MWD/IID Approval Agreement	20,000	20,000
Coachella Canal Lining (to SDCWA)	-26,000	-26,000
To Miscellaneous/Indian PPRs	-3,000	-3,000
IID/CVWD First Transfer	12,000	50,000
IID/CVWD Second Transfer	0	53,000
MWD/SWP Transfer	35,000	35,000
Total Diversion at Imperial Dam	**368,000**	**459,000**
Less Conveyance Losses[1]	-31,000	-31,000
Total Deliveries to CVWD	**337,000**	**428,000**

[1] Assumed losses after completion of canal lining projects.

Source: Coachella Valley Water Management Plan Update, January 2012, p. 4-15, Table 4-3

CVWD has entitlement to 368,000 AFY of Colorado River water deliveries under the QSA. This includes the base entitlement of 330,000 AFY, Metropolitan/IID Approval of 20,000 AFY, 12,000 AFY of IID/CVWD First transfer, and 35,000 AFY of Metropolitan/SWP transfer. It also includes the 26,000 AFY transferred to San Diego County Water Authority (SDCWA) as part of the Coachella Canal lining project and the 3,000 AFY transfer to Indian Present Perfected Rights (PPRs). CVWD's allocation will increase to 459,000 ac-ft/yr of Colorado River water by 2026 and remain at that level for the 75 year term of the QSA. After deducting conveyance and distribution losses, approximately 428,000 AFY will be available for CVWD use.[77] As further discussed below, legal challenges were filed against the QSA in 2003.

4.3.2 Factors Affecting Colorado River Supplies

Several important factors have the potential to affect the long-term availability and reliability of Colorado River supplies in the Coachella Valley. Among those factors are drought conditions in the Colorado River Basin; water requirements for endangered species and habitat protection; climate change; and lawsuits challenging the validity of the QSA. A detailed discussion of these factors is presented below.

4.3.2.1 Drought Conditions and Interim Guidelines

Drought conditions in the Colorado River Basin are well documented. The period from 2000 through 2007 was the driest eight-year period in the 100-year historical record of the Colorado River. This drought in the Colorado River Basin reduced Colorado River system storage, while demands for Colorado River water supplies continued to increase. From October 1, 1999, through September 30, 2007, storage in Colorado River reservoirs decreased from 55.8 million AF (approximately 94 percent of capacity) to 32.1 million AF (approximately 54 percent of capacity), and was as low

[77] CVWMP Update, p. 4-15.

as 29.7 million AF (approximately 52 percent of capacity) in 2004. In November 2010, Lake Powell and Lake Mead were at 62 percent and 38 percent of their storage capacities, respectively (Reclamation, 2010b). Although slightly above normal snowpack conditions existed in the Colorado River basin in 2008, the years 2009 and 2010 saw a return of below normal runoff conditions. Drought conditions continued from 2011 to 2015 but began to reverse course in early 2016 with an increase in northern pacific storms arriving at the northern and central part of the State.

In January 2001, the Secretary of the Interior adopted guidelines (the "Interim Surplus Guidelines") for use through 2016 in determining if there is surplus Colorado River water available for use in California, Arizona and Nevada. The Interim Surplus Guidelines were amended in 2007, with the new Guidelines extending through 2026. The Interim Surplus Guidelines contain a series of benchmarks for reductions in agricultural use of Colorado River water within California by set dates.[78]

The purposes of the Guidelines are to (1) improve Reclamation's management of the Colorado River by considering trade-offs between the frequency and magnitude of reductions of water deliveries, and considering the effects on water storage in Lake Powell and Lake Mead, where Reclamation (BOR) will also consider the effects on water supply, power production, recreation, and other environmental resources; (2) provide mainstream United States users of Colorado River water, particularly those in the Lower Division states, a greater degree of predictability with respect to the amount of annual water deliveries in future years, particularly under drought and low reservoir conditions; and (3) provide additional mechanisms for the storage and delivery of water supplies in Lake Mead to increase the flexibility of meeting water use needs from Lake Mead, particularly under drought and low reservoir conditions.[79]

As a result of the interim guidelines, recipients of Colorado River water, including CVWD, will receive deliveries with a higher degree of reliability. Information presented in Reclamation's 2007 Final Environmental Impact Statement ("EIS") for the Interim Guidelines indicates that California would only experience shortages if the total shortage in the Lower Basin exceeds 1.7 million AF. Due to California's Colorado River priority system, all delivery shortages would be borne by MWD, which has a lower priority than CVWD. Consequently, no reduction in CVWD's Colorado River supplies is projected under the operation of the 2007 Guidelines. (CVWMP Update, p. 4-26.). Year 2017 was the wettest year on record experienced for the State and produced favorable snowpack in the Rocky Mountains.

In October 2020, BOR released a Review of the Colorado River Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lake Powell and Lake Mead ("7D Review").[80] The 7D Review acknowledged the operational stability provided by the 2007 Interim Guidelines and the cooperation of participating agencies in providing

[78] CVWMP Update, p. 4-28.
[79] CVWMP Update, p. 4-28.
[80] *Draft Report – Review of the Colorado River Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lake Powell and Lake Mead* (Oct. 2020), available at https://www.usbr.gov/ColoradoRiverBasin/documents/7.D.Review_DraftReport_10-23-2020.pdf.

information for post-2026 operations of Lake Powell and Lake Mead. As of February 2023, Lake Powell and Lake Mead were at 23 percent and 29 percent of their respective storage capacities, with total system storage reported at 32 percent capacity.[81]

Negotiations began in 2021 for the 2027 Interim Guidelines that may affect available supplies of Colorado River water. The 2022 Alternative Plan Update for the Indio Subbasin (December 2021) states Colorado River water supply projections reflect a stable supply under CVWD's base entitlement and various transfer agreements through 2045.[82] Moreover, replenishment of the Areas of Benefit for East Whitewater River, West Whitewater River, and Mission Creek is provided through multiple groundwater replenishment programs, including SWP water exchanged for Colorado River water with MWD, recycled water from CVWD water reclamation plans, and other non-SWP supplemental water.[83]

To further reduce the risk of Lake Powell and Lake Mead declining to critically low levels the Department of the Interior called on the seven Basin states to prepare a drought contingency plan. On March 19, 2019, the Colorado River Drought Contingency Plan ("CO River Drought Plan") was submitted to Congress and on April 16, 2019, it was signed into law.

On May 20, 2019 the Lower Basin Drought Contingency Plan Agreement (Agreement) was executed among the Secretary of the Interior and the lower Basin states to set guidelines, in addition to the 2007 Interim Guidelines, for the operation of the Lower Basin. In accordance with this Lower Basin Drought Contingency Plan Agreement, Basin-wide contributions would go into effect when Lake Mead's elevation drops below 1,090 ft, with a contribution from California at an elevation of 1,045 ft. California's contributions vary from 200,000 AF (1,045 ft) to 350,000 AF (1,030 ft), and the forgone water deliveries would remain in the lake. Under the Lower Basin Drought Contingency Plan, CVWD would provide seven (7) percent of the required water contribution from California, and the Metropolitan Water District of Southern California would provide the majority of the remaining contribution.[84]

4.3.2.2 Protected Species and Other Environmental Issues

Federal and state environmental laws protecting fish species and other wildlife species have the potential to affect Colorado River operations. A number of species that are on either "endangered" or "threatened" lists under the ESAs are present in the area of the Lower Colorado River, including among others, the bonytail chub, razorback sucker, southwestern willow flycatcher and Yuma clapper rail. To address this issue, a broad-based state/federal/tribal/private regional partnership that includes water, hydroelectric power and wildlife management agencies in Arizona, California and Nevada have developed a multi-species conservation program for the

[81] Lower Colorado Region Available Reservoir Elevations and Contents. Available at: http://www.usbr.gov/lc/region/g4000/hourly/rivops.html
[82] Indio Subbasin 2022 Alternative Plan Update, Figure 6-2.
[83] 2022-23 CVWD Engineer's Report, p. 2-5.
[84] 2022-23 CVWD Engineer's Report, p. 2-6.

main stem of the Lower Colorado River (the Lower Colorado River Multi-Species Conservation Program or "MSCP"). The MSCP allows Metropolitan to obtain federal and state permits for any incidental take of protected species resulting from current and future water and power operations of its Colorado River facilities and to minimize any uncertainty from additional listings of endangered species. The MSCP also covers operations of federal dams and power plants on the river that deliver water and hydroelectric power for use by Metropolitan and other agencies. The MSCP covers 27 species and habitat in the Lower Colorado River from Lake Mead to the Mexican border for a term of 50 years. Over the 50 year term of the program, the total cost to Metropolitan will be about $88.5 million (in 2003 dollars), and annual costs will range between $0.8 million and $4.7 million (in 2003 dollars).[85]

4.3.2.3 Potential Climate Change Impacts

Climate change has the potential to affect imported water supplies. Potential effects of global warming could also increase water demand within the Coachella Valley. Although precise estimates of potential future impacts of climate change on runoff throughout the Colorado River basin cannot be predicted with certainty, reports and data have been developed that address changes in climate and hydrology within that region. These impacts may include decrease in annual flow and increased variability, including more frequent and more severe droughts. Furthermore, even without precise knowledge of the effects, increasing temperatures alone would likely increase losses due to evaporation and sublimation, resulting in reduced runoff.[86]More specifically, the Bureau of Reclamation's 2011 SECURE Water Act Report identifies the following climate challenges in the Colorado River basin (1) on average, Colorado River Basin temperature is projects to increase by 5 to 6 degrees Fahrenheit during the 21st century, with slightly larger increases projected in the upper Colorado Basin; (2) precipitation is projected to increase by 2.1 percent in the upper Basin while declining by 1.6 percent in the lower Basin by 2050; (3) mean annual runoff is projected to decrease by 8.5 percent by 2050; and (4) warmer conditions will likely transition snowfall to rainfall, producing more December through March runoff and less April through July runoff.[87]

The 2011 SECURE Water Act Report also discussed potential future impacts for water and environmental resources in the Colorado River Basin. The Report notes that spring and early summer runoff reductions could translate into a drop in water supply for meeting irrigation demands and adversely impacting hydropower operations at smaller reservoirs; increased winter runoff may require infrastructure modifications or flood control rule changes to preserve flood protection, which could further reduce warm season water supplies; warmer conditions might result in increased stress on fisheries, shifts in geographic ranges, increased water demands for instream ecosystems and thermoelectric power production, increased power demands for municipal uses, including cooling, and increased likelihood of invasive species

[85] MWDSC 2015 Official Statement, Special Variable Rate Water Revenue Refunding Bonds, Appendix A, pp. A-23 to A-24.
[86] CVWMP Update, pp. 5-15 to 5-16.
[87]See, U.S. Department of the Interior, Bureau of Reclamation, Basin Report, Colorado River (http://www.usbr.gov/climate/SECURE/docs/coloradobasinfactsheet.pdf).

infiltrations, where endangered species issues might also be exacerbated; and warming could also lead to significant reservoir evaporation, increased agricultural water demands and losses during water conveyance and irrigation. (Id.)

In response to climate change issues, Reclamation is taking a lead role in assessing risks to Western U.S. water resources and is dedicated to mitigating risks to ensure long-term water resource sustainability. Where opportunities exist, Reclamation has begun adaptation actions in response to climate stresses as well as land use, population growth, invasive species and others. These activities include extending water supplies, water conservation, hydropower production, planning for future operations and supporting rural water development. For example, a 2010-2011 Pilot Run of the Yuma Desalting Plant increased water supplies in the lower Basin through conservation by an estimated 29,000 acre-feet, enough to supply as many as 150,000 people for one year. At Hoover Dam, new wide head range turbines are being installed that will allow more efficient power generation over a wider range of lake levels than existing turbines. Furthermore, the Department of the Interior High Priority Goal for Climate includes activities of the Landscape Conservation Cooperatives and Climate Science Centers, assessing vulnerabilities to the natural and cultural resources management by the Department and activities to adapt to the stresses of climate change. (Id.)[88]

According to DWR, increased air temperature will result in earlier snow melt runoff and a greater proportion of runoff due to rainfall. Because reservoir storage in the Colorado River basin is very large in comparison to annual basin runoff (roughly four times average runoff), a change in the timing of annual runoff would not be expected to significantly affect basin yield.[89]

Potential climate change impacts also were evaluated in the Environmental Impact Study (EIS) on the BOR interim surplus guidelines discussed above. The guidelines extend through 2026, providing the opportunity to gain valuable operating experience through the management of Lake Powell and Lake Mead, particularly for low flow reservoir conditions, and to improve the bases for making additional future operational decisions during the interim period and thereafter. The shortage sharing guidelines are crafted to include operational elements that would respond if potential impacts of climate change and increased hydrologic variability occur. The guidelines include coordinated operational elements that allow for adjustment of Lake Powell releases to respond to low average storage conditions in Lake Powell or Lake Mead. In addition, the guidelines enhance conservation opportunities in lower basin and retention of water in Lake Mead.[90]

While impacts from climate change cannot be quantified at this time, Coachella Valley water supplies are uniquely protected from potential impacts of climate change and corresponding shortages by (1) California's first priority for Colorado River water

[88]See also, United States Geological Survey, Effects of Climate Change and Land Use on Water Resources in the Upper Colorado Basin, Fact Sheet 2010-3123, January 2011.
[89] Progress on Incorporating Climate Change into Management of California's Water Resources, Technical Memorandum Report, California Department of Water Resources, October 2006.
[90] CVWMP Update, pp. 5-15 to 5-16.

supplies in the lower Colorado River basin, and (2) Coachella's high priority for Colorado River supplies among California users of Colorado River water.[91]

4.3.2.4 QSA Litigation

Shortly after the QSA was executed, a number of Imperial Valley parties including IID filed litigation related to the QSA, including a lawsuit to determine the validity of the agreements. In December 2011, California's Third District Court of Appeal reversed a lower court ruling that had invalidated the San Diego County Water Authority (SDCWA) and IID water transfer and a number of other components of the QSA. The appeals court remanded several issues to the trial court, including questions about whether the QSA was properly processed under the California Environmental Quality Act (CEQA). In July 2013, a Sacramento Superior Court judge entered a final judgment validating the QSA and rejecting all of the remaining legal challenges. The judge affirmed all of the contested actions, including the adequacy of the environmental documents prepared by IID. In May 2015, the State Court of Appeal issued a ruling that dismissed all remaining appeals. Therefore, the QSA requires IID and Palo Verde Irrigation District (PVID) to provide deliveries to CVWD, MWD, and SDCWA.

4.3.2.5 Colorado River Basin Study

In December 2012, the Bureau of Reclamation (BOR) issued its Colorado River Basin Water Supply and Demand Study (2012 Study). According to BOR, the 2012 Study was prepared against the backdrop of challenges and complexities of ensuring a sustainable water supply and meeting future demand in the Colorado River system. Notably, the 2012 Study recognizes that because of the Colorado River system's ability to store approximately 60 million acre-feet of water (or nearly four years of average natural flow of the River), all requested deliveries have been met in the Lower Basin, despite recently experiencing the worst 11-year drought in the last century.[92] The 2012 Study concludes that, without additional future water management actions among the Upper and Lower Basin states, a wide range of future imbalances is plausible, primarily due to uncertainties inherent in future water supply.[93] Comparing the median long-term water supply projections against the median long-term water demand projections, and factoring in the myriad factors having the potential to affect the availability and reliability of River supplies and demands (such as climate change, species and other environmental issues, social trends, economic and legal forces, and technical capabilities), the 2012 Study shows that a long-term projected imbalance of 3.2 million acre-feet or more could occur by the year 2060. To address such potential long-term imbalances, the 2012 Study identifies and discusses a broad range of potential options to resolve the differences between water supply and demand. During the study period, over 150 options were received and organized into four groups: (1) those that increase Basin water supplies; (2) those that reduce Basin water demands; (3) those that focus on modifying

[91] CVWMP Update, p. 5-16.
[92] 2012 Study, Executive Summary, p. ES-1.
[93] 2012 Study, Executive Summary, p. ES-6.

operations; and (4) those that focus primarily on Basin governance.[94] Moreover, recognizing that no single option is likely sufficient to resolve potential water supply and demand imbalances, the 2012 Study developed groups and portfolios of options to reflect different adaptive strategies.[95] Importantly, the 2012 Study recognizes that *complete* elimination of Basin vulnerability is not likely obtainable, yet concludes that implementation of various adaptive management options results in a significant reduction in vulnerability (e.g., the percentage of future scenarios resulting in Lake Mead elevations being less than 1,000 feet msl is reduced from 19 percent to only 3 percent).[96] Indeed the 2012 Study states that implementation of management portfolios are projected to be successful in significantly improving the resiliency of Basin resources to vulnerable hydrologic conditions. Similar to the extraordinary conservation and management efforts being undertaking throughout the Coachella Valley, the 2012 Study concludes that supply augmentation, water reuse and conservation will be critical tools in managing potential supply and demand imbalances.

4.4 Surface Water

CWA does not use self-supplied surface water as part of its water supply. However, that could change in the future and will be further evaluated at that time.

4.5 Storm Water

CWA does not use, or plan to use, local stormwater runoff as part of its water supply. However, that could change in the future and will be further evaluated at that time.

4.6 Transfer and Exchange Opportunities

Water transfers involve the temporary or permanent sale or lease of a water right or contractual water supply between willing parties. Water can be made available for transfer from other parties through a variety of mechanisms.

4.6.1 City

The City is exploring opportunities to exchange non-potable groundwater for water from the Coachella Canal. Certain groundwater in the East Coachella Valley has higher levels of dissolved solids and fluoride, and thus is not suitable for potable purposes. However, that supply may be suitable for irrigation and other non-potable uses. In turn, Canal water that is currently used only for irrigation purposes could be treated or left untreated and used for potable or non-potable urban uses.[97]

[94] 2012 Study, Executive Summary, p. ES-7.
[95] 2012 Study, Executive Summary, p. ES-11.
[96] 2012 Study, Executive Summary, p. ES-14.
[97] CWA 2020 UWMP, p. 5-17.

4.6.2 CVWD

CVWD, DWA and the City of Indio are considering the acquisition of additional imported water supplies to augment existing supplies. Under the CVWMP Update, CVWD plans to acquire up to 50,000 AFY of additional water supplies through either long-term leases or entitlement purchases from willing parties. Potential sources might include the Delta Wetlands Project which would store surplus water at two Delta islands for later delivery, Sacramento Valley irrigation water transfers, or purchase(s) of additional Table A water from other SWP contractors. Notably, developments within CVWD's retail service area are required to pay a supplemental water supply charge. These amounts can be used to acquire additional water supplies to serve the needs of specific development projects. Supplemental supplies can be transferred to the Coachella Valley and delivered via the SWP, Metropolitan's Colorado River Aqueduct or the Coachella Canal. Further analysis of transfer and exchange opportunities is provided in the CVWMP Update.[98]

4.7 Desalinated Water Opportunities

As described in the Coachella Valley IRWMP, desalination processes are being developed for reuse of agricultural drainage flows in the Coachella Valley. The Valley has a large network of drains and open channels that transport irrigation drainage flows and stormwater. In East Valley areas of agriculture, a high groundwater table and concentration of salts in irrigated soils makes this system a requirement. Desalinated agricultural drain flows can be applied to any number of irrigation and domestic purposes, and thus can serve as an important component of the Valley's water supply portfolio.

4.7.1 City

The City of Coachella does not anticipate the future use of desalinated water within its service area, as the backbone facilities and infrastructure needed for desalination are not economically feasible. However, the City believes that desalinated water makes sense at the regional level. With a regional approach, desalination of local agricultural drain water could become a viable and economical alternative to potable water and Coachella Canal water.[99]

4.7.2 CVWD

CVWD plans to use treated agricultural drainage and other brackish water for irrigation purposes. A brackish water treatment pilot study and feasibility study was completed in 2008. A variety of treatment technologies, brine management approaches and source water supply combinations were compared and assessed over a range of treatment capacities. The treatment alternatives compared reverse osmosis (RO) with dew evaporation, and RO was the chosen technology. Source water supply options consist of the collection of agricultural drainage water at select

[98] CVWMP Update, pp. 8-4 to 8-7.
[99] City 2010 UWMP, p. 4-14.

outfall locations and the installation of a well field to extract groundwater in the upper part of the aquifer influencing the agricultural runoff water. The amount of drain water that would be treated and recycled depends on supply availability (the amount of drain flow occurring), the overall supply mix (the amount of additional water needed), and the cost of treatment and brine disposal. CVWD's CVWMP considers up to 10,000 AFY of desalinated drain water by the year 2035 for urban use. Further analysis is provided in the CVWMP Update and Coachella Valley's 2020 RUWMP.

In addition to drain water, the CVWMP also analyzes desalinated ocean water. Coastal communities in southern California are conducting feasibility studies and developing plans to desalinate ocean water as a water supply source. However, desalinating ocean water has relatively high costs due to the energy required to operate reverse osmosis facilities and potential environmental impacts associated with seawater intakes supplying the plant and disposal of brine. Since the Coachella Valley is located a significant distance from the ocean, desalinated ocean water would need to be exchanged with an imported water source (SWP or Colorado River water) for delivery to the Valley. The amount of water that could be developed through ocean water desalination and exchange is likely to be limited by economics of the physical capacity to deliver desalinated ocean water into the coastal water delivery systems and water quality. Further analysis is provided in the Coachella Valley 2020 RUWMP and CWA 2020 UWMP.

4.8 Recycled Water Opportunities

Recycled water is a significant resource that can be used to help expand the local and regional water supply portfolio. Wastewater that has been highly treated and disinfected can be reused for landscape irrigation, certain agricultural applications, and a variety of other purposes. Recycled water has historically been used for irrigation of golf courses and urban landscaping in the Coachella Valley.

4.8.1 City

Currently, the City does not have infrastructure in place to recycle water. However, the City, along with Mission Springs Water District, Indio Water Agency, and Valley Sanitation District, are seeking grant funding through the Integrated Regional Water Management Round 2 for the preparation of a Coachella Valley Recycled Water Development Plan that would determine the feasibility of implementing recycled water throughout the Coachella Valley. If the planning study initiates related activities and tertiary treatment is added to the City's wastewater treatment facility, potential uses of recycled water could be implemented, including non-potable water systems for larger developments, including KPC Coachella. In addition, the City has begun negotiations with Valley Sanitation District to acquire wastewater effluent from its treatment plant located north and uphill of the City. The investigation includes determining treatment plant improvements required to meet applicable recycled water quality standards.

4.8.2 CVWD

Urban growth is expected to increase the amount of wastewater generated, and thus will make additional recycled water available for reuse, primarily in the East Valley. As discussed in the CVWMP Update, with water conservation measures, recycled water supplies in the East Valley are projected to total about 67,000 AFY by 2045.

In addition, growth is expected to occur in areas that are not currently served by wastewater treatment facilities. It is expected that the wastewater agency serving these areas will extend their wastewater collection systems as development occurs. For the areas within the cities of Coachella and Indio and their respective spheres of influence that are northeast of the San Andreas fault, it is expected that one or more satellite treatment facilities will be constructed to treat wastewater generated in these areas. That recycled water can be reused for outdoor use within those developments to reduce the need for additional local potable and imported water supplies. Based on estimates of water demands and wastewater flows, recycled water could meet as much as 12,000 AFY of non-potable demand in this area by 2045. Further analysis is provided in the Coachella Valley 2020 RUWMP and CWA 2020 UWMP.

4.9 Future Water Projects

The City and CVWD continue efforts to meet water demand through development of future water projects.

4.9.1 City

The City understands the need to develop additional sources of supply to meet demands associated with projected growth. The City will continue to evaluate the use of Canal water as a source substitution for drinking water supplies obtained from groundwater. Upon completion of necessary agreements, treatment facilities, and infrastructure, the City estimates that it could derive approximately 15 percent of its drinking water from the Canal. Per CVWD Ordinance No. 1428, the City has opportunity to receive canal water for additional potable water supply when available. As the water becomes available, the City will pursue those opportunities to supplement its water portfolio. As part of its water master plan process, the City will continue to design water system improvements to enhance conservation, identify additional water supplies and potential source substitutions, and enhance local groundwater recharge.

4.9.2 CVWD

CVWD will continue to implement recommendations provided in the CVWMP Update. As outlined in **Section 1**, and as described throughout this WSA, CVWD water supply projects and programs include greater conservation (agricultural conservation, additional urban conservation, and golf course conservation), supply development (acquisition of additional imported water supplies, recycled water use, and desalinated drain water), groundwater recharge program enhancements, and source

substitution programs. In addition to the information provided in this WSA, Section 8 of the CVWMP Update provides a detailed discussion of the many new projects and programs that are recommended for implementation.[100]

4.10 Analysis of Water Supply and Demand

The supply and demand analyses for the KPC Coachella project are based on the City's CWA 2020 UWMP and Coachella Valley's 2020 RUWMP. The UWMPs were prepared in accordance with the Urban Water Management Planning Act, as most recently amended by SBx7-7. The documents identify total projected water demands, and demonstrate that demands of KPCC plus other major development projects within some phase of CEQA or other entitlement process through 2045. Also discussed above through the 2009 and 2013 MOUs, the City and CVWD have identified ways to ensure that sufficient water supplies will be available to serve growth throughout the City's service area, including its sphere of influence.

Although substantial growth has been forecasted for the Coachella Valley, the rate of growth had slowed in recent years due to widespread economic downturn. As the economy recovers and as development returns, other changes may occur in the region. For example, the area may continue to experience a transition from agricultural to urban land uses. As agricultural land converts to urban uses, the characteristics of water demands and infrastructure will also change. The 2020 UWMP documentation specifically accounts for these changes and the different ways that water will be used. The analyses show that as urban development occurs, Canal water that is currently used for irrigation could be used for groundwater replenishment to serve urban uses, could be treated for direct indoor use, or left untreated for urban non-potable use.

As outlined in the Sections above, water conservation is a major component of future water management in the Valley. As presented above, both the City and CVWD are committed to reducing their per capita urban water demand in accordance with SBx7-7. Agricultural conservation will also be a focus within CVWD. As originally directed in the CVWMP Update and documentation in the 2020 UWMPs, the City significantly surpassed its target, and programs are in place to maintain the current decreased water usage for the planning horizon and beyond. Compared to 2010 water use of 8,260 AF, the City continues to maintain a significant decrease in water use which currently represents approximately 13 percent overall reduction since the 2009 Water Conservation Act was implemented. CVWD's landscape ordinance will continue to govern the irrigation demands of new golf courses within CVWD's service area, and further reduce demands of existing golf courses.

Other than Canal water, recycled water and desalinated agricultural drain water, all water delivered to end users is obtained from the groundwater basin, which is continuously recharged with supplemental imported supplies as discussed above. The groundwater basin has a capacity of approximately 28.8 million acre-feet and currently contains about 25 million acre-feet and acts as a very large conjunctive use

[100] 2012 CVWMP, pp. 8-13 to 8-15; CVWD 2010 UWMP, pp. 4-31 to 4-34.

reservoir. As demonstrated in the CVWMP, the managed basin is capable of ensuring a sufficient and sustainable water supply to meet existing water demands and the demands associated with projected growth from current projects active in some entitlement phase throughout the region including the KPC Coachella project through Year 2045. Moreover, it has been determined in accordance with CEQA that implementation of the CVWMP Update as noted in the 2020 UWMPs will have a beneficial effect on groundwater resources. CVWD has many programs to maximize the water resources available to it including recharge using its Colorado River and SWP supplies, recycled water, desalinated agricultural drain water, conversion of groundwater uses to Canal water and various conservation measures, such as tiered water rates, landscaping ordinance, outreach and education. The groundwater recharge and source substitution programs, in which the City fully participates, establish a comprehensive and managed effort to eliminate the overuse of local groundwater supplies.

The analysis herein evaluates whether the total projected water supplies available to the City, by virtue of its membership and participation in the regional efforts of the Coachella Valley 2020 RUWMP, are sufficient to meet the water demands of the KPC Coachella project in addition to other existing and planned future uses within the City's service area. The supply and demand assessment includes three scenarios over the 20-year projection as required by SB 610 and new requirements as codified into the CWC for the new 2020 UWMPs: normal water years, single-dry years, and multiple-dry years. As presented in **Section 3**, the City's water demands are projected to grow from 7,216 AFY (2,351 MG) in 2020 to 18,746 AFY (6,108 MG) in 2045. As shown in **Section 2**, the estimated Project demands are 4,544 AFY, representing approximately 39 percent of the City's projected growth. **Tables 4-6, 4-7,** and **4-8** outline the water supply and demand scenarios for normal, single-dry and multiple-dry years, respectively, based on the water service reliability analysis and Drought Risk Assessment in the CWA 2020 UWMP.

Table 4-6 - Normal Water Years 2020-2045 (AFY)

	2020	2025	2030	2035	2040	2045
Supply Totals	7,216	10,869	12,819	14,731	16,819	18,746
Demand Totals	7,216	10,869	12,819	14,731	16,819	18,746
Difference	0	0	0	0	0	0
Difference as % of Supply	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Difference as % of Demand	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Table 4-7 - Single-Dry Water Years 2020-2045 (AFY)

	2020	2025	2030	2035	2040	2045
Supply Totals	7,216	10,869	12,819	14,731	16,819	18,746
Demand Totals	7,216	10,869	12,819	14,731	16,819	18,746
Difference	0	0	0	0	0	0
Difference as % of Supply	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Difference as % of Demand	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Table 4-8 - Multiple-Dry Water Years 2020-2045 (AFY)

		2020	2025	2030	2035	2040	2045
Multiple-Dry Year, First Year Supply[1]	**Supply totals**	7,216	10,869	12,819	14,731	16,819	18,746
	Demand totals	7,216	10,869	12,819	14,731	16,819	18,746
	Difference	0	0	0	0	0	0
	Difference as % of Supply	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Difference as % of Demand	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Multiple-Dry Year Second Year Supply[2]	**Supply totals**	7,216	10,326	12,178	13,994	15,978	17,809
	Demand totals	7,216	10,326	12,178	13,994	15,978	17,809
	Difference	0	0	0	0	0	0
	Difference as % of Supply	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Difference as % of Demand	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Multiple-Dry Year Third Year Supply[3]	**Supply totals**	7,216	9,239	10,896	12,521	14,296	15,934
	Demand totals	7,216	9,239	10,896	12,521	14,296	15,934
	Difference	0	0	0	0	0	0
	Difference as % of Supply	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Difference as % of Demand	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Multiple-Dry Year, Fourth Year Supply[3]	**Supply totals**	7,216	9,239	10,896	12,521	14,296	15,934
	Demand totals	7,216	9,239	10,896	12,521	14,296	15,934
	Difference	0	0	0	0	0	0
	Difference as % of Supply	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Difference as % of Demand	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Multiple-Dry Year Fifth Year Supply[3]	**Supply totals**	7,216	9,239	10,896	12,521	14,296	15,934
	Demand totals	7,216	9,239	10,896	12,521	14,296	15,934
	Difference	0	0	0	0	0	0
	Difference as % of Supply	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Difference as % of Demand	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

[1] No demand reductions are expected during a single dry year. Typically, there are no demand reduction measures during single dry years. It isn't until back to back dry years are recognized that demand reduction measures are implemented.

[2] Based on an assumed 5% reduction in demand and Stage I Water Alert.

[3] Based on an assumed 15% reduction in demand and Stage II Water Alert.

4.11 Conclusion

The water supply for the proposed KPCC project (Project) will be the Indio Subbasin within the East Whitewater River Area of Benefit in the Coachella Valley. Water supplies are recharged to the Subbasin on an ongoing basis. These programs have had a significant beneficial effect on overdraft. To recover the cost of the Groundwater Replenishment Program CVWD applies a Replenishment Assessment Charge (RAC) on the City groundwater production. The City of Coachella is a major contributor to the funding of CVWD's replenishment program. Groundwater storage will be used in dry years to support potential differences between demand and supply. The Subbasin has a capacity of approximately 28.8 million acre-feet and currently contains about 25 million acre-feet, simulating the benefits of a very large conjunctive use reservoir. It is capable of meeting the water demands of the Coachella Valley for extended periods during normal, single-dry and multiple-dry year conditions, and the determination has been made in accordance with CEQA that the City's utilization of groundwater supplies in a manner that is consistent with the implementation of the CVWMP Update will not have significant environmental impacts on the groundwater basin, and instead will have a beneficial effect on groundwater resources.[101]

As discussed in the Coachella Valley 2020 RUWMP and CWA 2020 UWMP, and supported by this WSA and the additional documents reviewed for it, the City of Coachella and CVWD have many programs to maximize the water resources available to the City and CVWD, including but not limited to recharge of the basin using Colorado River and SWP supplies, direct use and recharge of recycled water, desalinated agricultural drain water, conversion of groundwater uses to Canal water and comprehensive water conservation practices such as tiered water rates, landscaping ordinances, outreach and education. The CVWD groundwater replenishment programs establish a comprehensive and managed effort to reduce and eliminate overuse of local groundwater resources. These programs allow CVWD to maintain the groundwater basin as its primary water supply and to recharge the groundwater basin as its other supplies are available and needed to meet existing and projected demands within its overall service area, including the City and the City's sphere of influence.

Based on the information, analysis, and conclusions documented in this WSA, substantial evidence exists to support a determination that the total projected water supplies available to the City during normal, single dry, and multiple dry water years during a 20-year projection are sufficient to meet the projected water demand associated with the Project, in addition to the City's existing and planned future uses, including agricultural and manufacturing uses. This conclusion is based on, among other things, the volume of water available in the regional aquifer; the City's current and planned local water management programs and projects; and CVWD's current and planned local and regional management programs and water supply projects to supplement and sustain regional groundwater supplies. The analyses and

[101] See CVWD 2011 SPEIR.

conclusions set forth in this WSA are further supported by the City's 2009 and 2013 MOU (Appendices A and B) with CVWD regarding supplemental water supply and implementation for new developments (including KPC Coachella), the SGMA Bridge Document and 2022 Alternative Plan Update (December 2021), and the contractual availability of State Water Project and Colorado River supplies to the Coachella Valley. Additionally, the City and CVWD have committed sufficient resources to further implement the primary elements of the City's CWA 2020 UWMP and Coachella Valley 2020 RUWMP, including source substitution, water conservation, and purchases of additional water supplies for recharge of the Indio Subbasin. Furthermore, as set forth in this WSA and the KPCC draft Specific Plan, the Project will incorporate various water conservation elements adopted by the City and/or CVWD in accordance with SBx7-7. These include conservation elements for indoor and outdoor uses throughout the Project. These efforts may further reduce the ultimate water demands of the KPCC project.

As provided by Water Code Section 10914, nothing in this WSA is intended to create a right or entitlement to water service or any specific level of water service, and nothing herein is intended to impose, expand or limit any duty concerning the City's obligation to provide certain levels of service to existing or future potential customers.[102] The City retains the right, in its sole discretion, to evaluate from time to time whether the projected demands associated with the Project continue to fall within the City's forecasted demand or planned future uses.

[102] Water Code § 10914(a)-(b).

APPENDIX

CWA Water Shortage Contingency Plan

Water Shortage Contingency Plan



Coachella Water Authority

June 2021

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Introduction

This document represents the Water Shortage Contingency Plan (WSCP) adopted by the Coachella Water Authority (CWA). The document follows the structure recommended in guidance documents prepared by the California Department of Water Resources (DWR).

CWA is one of six agencies in the Coachella Valley participating in the development of a 2020 Regional Urban Water Management Plan (RUWMP). Each agency is adopting the RUWMP to meet its reporting requirements under the Urban Water Management Planning Act. Each agency is also adopting its own WSCP. The agencies have sought to align their shortage levels and shortage response actions to the extent possible, with the intent of reducing confusion for neighboring customers during a shortage. However, each agency will adopt its own WSCP with slight variations (e.g. penalty processes and amounts) for flexibility in the event that future changes are necessary.

As individual agencies make updates or enhancements to their WSCP, each will be able to make modifications and re-adopt an amended WSCP without triggering a requirement for the other participating agencies to take similar steps. The update process is described in later sections of this WSCP.

1.0 Water Supply Reliability Analysis

This section provides a summary of the supply reliability analysis presented in the RUWMP and highlights key issues that could create a shortage condition.

The supplies of the agencies in the Coachella Valley generally have a high degree of reliability. The RUWMP participating agencies meet most of their urban demands with groundwater produced from the Indio (also known as Whitewater River) and Mission Creek Subbasins of the Coachella Valley Groundwater Basin. The groundwater basin is large enough to provide storage that allows continued production during dry periods. Because production exceeds the recharge provided by precipitation and return flows, the agencies use imported water to recharge the groundwater basin. These sources of imported water for recharge include:

- Colorado River water that Coachella Valley Water District (CVWD) receives through the Coachella Canal.
- State Water Project (SWP) water that CVWD and Desert Water Agency (DWA) have rights to receive. Because the SWP infrastructure does not extend into the Coachella Valley, CVWD and DWA have an exchange agreement with the Metropolitan Water District of Southern California (MWD). The agreement allows MWD to deliver water from its Colorado River Aqueduct (CRA) to the Coachella Valley to recharge the local aquifer. In return, MWD receives SWP water through the SWP infrastructure based on the annual allocations to CVWD and DWA.

Drought conditions are not expected to affect CVWD's Colorado River water supply due to the agency's high priority allocation. Colorado River water is not a direct source of urban water supply; it is used for groundwater replenishment and non-potable uses. If a reduction in Colorado River water supply occurred, CVWD would initially reduce deliveries to groundwater replenishment projects. Subsequent reductions in delivery would be applied to users following the priorities in CVWD's Canal Water Shortage Contingency Plan. These priorities are defined in CVWD's Canal Water Shortage Contingency Plan, which is Chapter 3.10, Article XII of CVWD's administrative code.

Drought conditions in the Sierra Nevada would have an effect on the SWP water allocation; thus reducing the SWP Exchange water received by CVWD and DWA. This water is used for replenishment of the groundwater basin and is not a direct source of urban water supply. Consequently, water use restrictions due to drought involving the SWP water supply would likely be implemented only as a result of a prolonged drought.

During dry periods when less imported water is available, groundwater production will exceed the amount of recharge, and the volume in storage will be reduced. However, these reductions can be reversed in years when additional imported water is available. The Coachella Valley Groundwater Basin is a large basin which provides a buffer during dry periods, thus allowing the agencies to develop long-term plans and programs to manage regional water supplies.

The reliability analysis for CWA is presented in Section 7 of CWA's chapter of the RUWMP. Although that analysis demonstrates that the region's urban water supply is reliable, there are potential issues that could create a shortage condition. These include:

- An extended drought more severe than historic events, possibly impacted by climate change.
- A natural disaster or a malevolent act that leads to prolonged disruption of imported water delivery from the Colorado River or the SWP.
- Reductions in imported water supply due to environmental restrictions related to endangered species or habitat protection.
- Identification of a currently unregulated contaminant that has widespread effects on the region's groundwater supply.
- Regulatory mandates to reduce water use.

Water shortage contingency planning provides a way to plan for these risks and anticipate actions that can be implemented to manage the impacts. This plan describes how CWA intends to respond to such shortage events. The responses have been aligned with those of other RUWMP participating agencies to the extent possible.

2.0 Annual Water Supply and Demand Assessment Procedures

CWA will be required to prepare an Annual Water Supply and Demand Assessment (Annual Assessment) and submit it to DWR each year, beginning July 1, 2022. The Annual Assessment is intended to meet requirements of Water Code Section 10632.1 and present an assessment of the likelihood of a water shortage occurring during the next 12 months. This section of the WSCP outlines the procedures that CWA will use to prepare the Annual Assessment. The procedures defined in this section will allow CWA to follow a consistent annual procedure for making the determination of whether to activate the WSCP.

2.1 Decision Making Process

DWR requires a defined decision-making process for performing the Annual Assessment. The process and anticipated timeline are presented in Table 1.

Table 1. Annual Assessment Decision-Making Process

Anticipated Timeline of Each Year	Activities
February	CWA staff will review available data related to anticipated supplies and demands.
March	The six agencies participating in the Coachella Valley RUWMP will review the data and determine whether a consistent region-wide determination on water supply reliability can be made. If needed, individual agencies may elect to activate their WSCP at different shortage levels than other participating agencies.
April	CWA staff will make a determination whether to recommend implementation of shortage response actions.
May	If shortage response actions are to be implemented, CWA management will present the recommendation to the governing board for consideration. If the governing board decides to implement the WSCP, it will provide public notice of a hearing to consider changes in the implementation of the shortage response actions.
June	CWA staff will prepare the Annual Assessment and submit it to DWR by July 1st.

2.2 Data and Methodologies

This section describes the data and methodologies that will be used to evaluate water system reliability for the coming year, while considering that the year to follow could be dry.

2.2.1 Evaluation Criteria

CWA will rely on locally applicable criteria for each annual assessment. These criteria will include the findings of the annual reports prepared for the Indio Subbasin and the Mission Creek Subbasin for compliance with the Sustainable Groundwater Management Act. Findings from the annual Engineer's Report on Water Supply and Replenishment Assessment will also be incorporated.

2.2.2 Water Supply

CWA's anticipated supplies will be quantified for the near-term future, and descriptive text will be used to note any anticipated reductions in supply.

2.2.3 Unconstrained Customer Demand

CWA will prepare an estimate of unconstrained demand (as the term is used in Water Code Section 10632(a)(2)(B)(i)). The estimated demand will be calculated using the demand projection approach described in Section 4 of each agency's chapter of the RUWMP, in combination with updated data for connections, climate, changes in land use, and recent water usage history.

2.2.4 Planned Water Use for Current Year Considering Dry Subsequent Year

CWA will describe the anticipated use of water supplies for the coming year, with the anticipation that the following year will be dry. The supplies will be characterized in a manner consistent with the RUWMP, in combination with updated data for climate and recent observations.

2.2.5 Infrastructure Considerations

CWA will describe any potential infrastructure constraints on the ability to deliver adequate supplies to meet expected customer demands in the coming year. CWA will verify that its system of wells, pipelines, pump stations, and storage tanks have adequate capacity to deliver the anticipated demands. CWA will describe any anticipated capital projects that are intended to address constraints in production, treatment, or distribution.

2.2.6 Other Factors

CWA will describe any specific locally applicable factors that could influence or disrupt supplies. CWA will also describe unique local considerations that are considered as part of the Annual Assessment.

3.0 Six Standard Water Shortage Levels

The RUWMP participating agencies have elected to use the six standard shortage levels included in guidance documents prepared by DWR. The six standard water shortage levels correspond to progressively increasing estimated shortage conditions (up to 10-, 20-, 30-, 40-, 50- percent, and greater than 50-percent shortage compared to the normal reliability condition). These levels are identified in Table 2.

Table 2. Water Shortage Contingency Plan Levels

Shortage Level	Percent Shortage Range	Description	Narrative Summary of Shortage Response Actions
1	Up to 10%	Normal water supplies	Mandatory prohibitions defined by the state, ongoing rebate programs
2	Up to 20%	Slightly limited water supplies	Outdoor water use restrictions on time of day, increased water waste patrols
3	Up to 30%	Moderately limited water supplies	Outdoor water use restrictions on days per week, restrictions on filling swimming pools
4	Up to 40%	Limited water supplies	Limits on new landscaping, expanded public information campaign
5	Up to 50%	Significantly limited water supplies	Limits on watering of parks or school grounds
6	Greater than 50%	Severe shortage or catastrophic incident	No potable water use for outdoor purposes

Each level in Table 2 represents an anticipated reduction in the supplies that would normally be available to CWA. These supply reductions could be the result of a variety of potential causes including natural forces, system component failure or interruption, regulatory actions, contamination, or any combination of factors. CWA may need to activate shortage levels across its entire service area or within certain areas that are impacted by an event.

The levels involve voluntary and mandatory conservation measures and restrictions, depending on the causes, severity, and anticipated duration of the water supply shortage. The locally appropriate shortage response actions that would be taken at each level to address the resulting gap between supplies and demands are described in the following section.

4.0 Shortage Response Actions

This section describes the shortage response actions that would be taken by CWA at each shortage level. These actions have been grouped into categories including:

- Supply Augmentation Actions
- Demand Reduction Actions and Mandatory Use Restrictions
- Operational Changes

4.1 Supply Augmentation

For long-range planning, CWA continues to evaluate opportunities for transfers, exchanges, and other purchases of imported water to increase supply reliability. CVWD and DWA collaborate to replenish the groundwater aquifer with imported water, creating a stored supply that can be used for emergencies or longer-term shortages. CVWD and DWA are also making investments in increasing supply reliability from the SWP through the Delta Conveyance Facility and in securing new supplies like Sites Reservoir. Additionally, the RUWMP participating agencies continue to implement water conservation measures and increase use of recycled water usage to reduce groundwater demand. These programs are described in Chapter 3 of the RUWMP.

In their WSCP, agencies have the option of identifying short-term supply augmentation actions that would be taken during a shortage. These actions are intended to be separate from the long-range planning efforts to sustainably manage the groundwater basin. The short-term supply augmentation measures that could be implemented are presented in Table 3.

Table 3. Supply Augmentation Actions

Shortage Level	Supply Augmentation Methods and Other Actions by Water Supplier	Expected Relative Impact	Additional Explanation or Reference
1 - 6	Exchanges	Medium	Emergency connections with neighboring agencies could be activated or constructed to help exchange water with adjoining systems.
5	New recycled water	Medium	In areas where recycled water supply is available, customers could be mandated to use recycled water and cease use of potable water.
6	Other actions	Medium	Additional non-potable water sources such as new shallow groundwater wells.

4.2 Demand Reduction Actions and Mandatory Use Restrictions

The RUWMP participating agencies have aligned their demand reduction actions to the greatest extent possible, while allowing each agency to tailor its response to the unique characteristics of its service area. The agencies conducted public workshops to gather input on actions that could be taken during a water shortage. The input from stakeholders was used to select and prioritize actions that reflected the values of the community. Key elements of the input included:

- The importance of recognizing the conservation efforts that many customers have already made and not imposing requirements for all customers to meet the same percentage reduction in water use.
- The importance of involving Homeowner Associations (HOAs) to help implement and communicate response actions to individuals.
- The benefits of tiered rates in allowing customers to pay less for their basic efficient use and more for excessive use.
- A balanced program should include incentives (such as expanded rebates for turfgrass removal) as well as penalties (such as drought rates).
- A range of approaches is needed to communicate with customers and end users, including social media, web sites, bill inserts, presentations, and virtual tours, ideally in multiple languages.

The demand reduction actions that could be implemented at each shortage level are shown in Table 4. During a shortage, CWA may implement some or all of the actions as needed, depending on actual conditions.

Table 4. Demand Reduction Actions

Shortage Level	ID	Demand Reduction Actions	Expected Relative Impact	Penalty or Enforcement
1	1.1	Applying any water to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures is prohibited.	Low	No
	1.2	Using any water in a fountain or other decorative water feature is prohibited, unless the water recirculates.	Low	No
	1.3	Applying water to driveways, sidewalks, concrete or asphalt is prohibited unless to address immediate health and safety needs. Reasonable pressure washer or water broom use is permitted.	Low	No
	1.4	Spray irrigation of outdoor landscapes during and within 48 hours after rainfall of 0.10 inches is prohibited.	Low	No
	1.5	Using a hose to wash a vehicle, windows, or solar panels is prohibited unless an automatic shut-off nozzle or pressure washer is used.	Low	No
	1.6	Broken sprinklers shall be repaired within five business days of notification by agency, and leaks shall be repaired as soon as practical.	Low	No
	1.7	Draining and refilling of private swimming pools is discouraged, unless necessary for health and safety or leak repair.	Low	No
	1.8	Hotels will provide guests the option of choosing not to have towels and linens laundered daily.	Low	No
	1.9	Agency shall discourage overseeding.	Low	No
	1.10	Agency shall provide rebates for landscape efficiency.	High	No
	1.11	Agency shall offer water use surveys/audits.	Medium	No
	1.12	Agency shall provide rebates on plumbing fixtures and devices.	Medium	No
2	2.1	Outdoor water use is prohibited during daylight hours for spray irrigation except for leak checks or with an agency approved conservation alternative plan.	Medium	Yes
	2.2	Restaurants can serve water only on request.	Low	Yes
	2.3	Agency shall encourage use of non-potable water for construction, if available.	Low	No
	2.4	Agency shall actively discourage overseeding.	Medium	No
	2.5	Agency shall expand public information campaign.	Medium	No
	2.6	Agency shall increase water waste patrols.	Medium	Yes
	2.7	Agency shall reduce hydrant and dead-end line flushing.	Low	No
3	3.1	Outdoor water use is allowed only three days a week for spray irrigation (Monday, Wednesday, and Friday).	High	Yes
	3.2	Drip or subterranean irrigation is allowed seven days per week, during non-daylight hours.	Medium	Yes
	3.3	Commercial nurseries are to use water only on alternate days during non-daylight hours for outside operations.	Low	Yes

Shortage Level	ID	Demand Reduction Actions	Expected Relative Impact	Penalty or Enforcement
	3.4	Decorative ponds, non-irrigation system golf course water hazards, fountains, and other waterscape features are not to be filled or replenished.	Low	Yes
	3.5	No filling of swimming pools or landscaping ponds unless necessary for health and safety or leak repair.	Low	Yes
	3.6	Commercial car washes must use recycled water or recirculating water systems.	Medium	Yes
	3.7	Spray irrigation of medians and parkways is prohibited.	Medium	Yes
	3.8	Agency shall encourage counties, cities, Homeowners Associations (HOAs) and other enforcement agencies to suspend code enforcement and fines for brown turfgrass areas and to otherwise comply with new State laws regarding limitations on such enforcement.	Low	No
	3.9	Agency shall strengthen customer billing messages with use comparisons.	Medium	No
	3.10	Agency shall implement water use audits targeted to key customers to ensure compliance with directives.	Medium	No
	3.11	Agency shall expand rebate programs.	Medium	No
4	4.1	Turfgrass landscapes may not be watered except where subterranean or non-potable water systems are used.	High	Yes
	4.2	Agency shall implement or modify drought rate surcharge.	High	Yes
	4.3	Agency shall expand public information campaign.	Medium	No
5	5.1	Watering turfgrass is prohibited.	High	Yes
	5.2	The use of misting systems is prohibited.	Medium	Yes
	5.3	Turfgrass at parks and school grounds are to be watered with recycled water, if available, or not at all.	Medium	Yes
	5.4	Golf course greens and tees may be watered no more than two times per week during non-daylight hours with recycled water, or not at all.	Medium	Yes
	5.5	Trees, desert plants and shrubs may be watered only with drip, subterranean or non-adjustable bubbler irrigation systems during non-daylight hours.	High	Yes
	5.6	Agency shall impose moratorium or net zero demand on new connections.	N/A	Yes
6	6.1	Commercial nurseries shall discontinue all use of potable water for watering and irrigation.	Low	Yes
	6.2	Watering of livestock is permitted as necessary.	N/A	Yes
	6.3	Outdoor water use is prohibited.	High	Yes
	6.4	Restaurants must use disposable cups, plates, and utensils.	Low	Yes
	6.5	Agency shall implement mandatory rationing.	High	Yes

4.3 Operational Changes

CWA has identified potential operational changes that could be made to help address a short-term gap between demands and available supplies. These include improved monitoring and analysis of customer water usage, reductions in flushing of hydrants and dead-end lines, and use of emergency connections with neighboring water agencies. Some of the potential actions are included in Table 4. CWA may also expedite planned system improvement projects that include reduction in water loss (e.g., replacement of water mains that are experiencing higher rates of leaks and breaks).

4.4 Additional Mandatory Restrictions

CWA has identified a series of restrictions that could be implemented at different shortage levels. These restrictions are included in the demand reduction actions in Table 4.

4.5 Emergency Response Plan

The Water Code requires that an agency's WSCP address catastrophic water shortages and plans to address them. This information can be addressed in the agency's Emergency Response Plan (ERP). CWA's ERP contains sensitive information related to potential vulnerabilities or impacts of natural disasters or malevolent acts. Therefore, these documents are not typically made publicly available. CWA's plan outlines specific disaster-related procedures to guide staff in responding efficiently to catastrophic interruptions of water supply.

Five of the RUWMP participating agencies collaborate on planning efforts, including emergency response, through the Coachella Valley Regional Water Management Group (CVRWMG). In addition, CVWD, DWA, IWA, and MSWD are members of the California Water/Wastewater Agency Response Network (CalWARN), which supports and promotes emergency preparedness. More information about CalWARN is available at their web site at www.calwarn.org.

The region's imported water supplies from the Colorado River and the SWP could be disrupted by an earthquake. Because the agencies use local groundwater to meet urban demands, the agencies could continue to meet short term urban demands with groundwater production. The agencies have installed backup generators at key water production facilities to allow continued operation during a power outage.

DWR has plans in place to make emergency repairs to the SWP, and MWD has plans in place to make emergency repairs to the CRA. CVWD has plans to make emergency repairs to the Coachella Canal. CVWD staff receives regular Incident Command System (ICS) training through the Federal Emergency Management Agency (FEMA), and drills are conducted routinely. CVWD remotely monitors the status of most key facilities at CVWD headquarters, which enables it to detect areas affected by disasters. RUWMP participating agencies also participate in ICS training and regularly monitor key water facilities remotely.

If imported water supplies were disrupted for an extended period, it would reduce the water supply available for replenishment of the groundwater basin. It could also lead to increased groundwater pumping by non-urban users who normally use imported canal water. CWA would implement levels of this WSCP as needed if pumping needed to be decreased while imported water supplies were interrupted.

4.6 Seismic Risk Assessment and Mitigation Plan

Water Code Section 10632.5 requires the RUWMP participating agencies to assess seismic risk to water supplies as part of their WSCP. The code also requires a mitigation plan for managing seismic risks. In lieu of conducting their own seismic risk assessment, which can be a lengthy process, suppliers can comply with the Water Code requirement by submitting the relevant local hazard mitigation plan or multi-hazard mitigation plan.

The Riverside County Local Hazard Mitigation Plan (LHMP) was updated in 2018. The Riverside County LHMP is available on the Riverside County web site at https://rivcoemd.org/LHMP. The Riverside County LHMP includes an assessment of the region's vulnerability to a broad range of hazards, including

earthquakes. It also describes mitigation strategies and actions to reduce the impacts of a seismic event. The RUWMP participating agencies continue to include seismic risk assessment in their planning process for system improvements.

5.0 Communication Protocols

Timely and effective communication is a key element of WSCP implementation. CWA will need to inform customers, the general public, and other government entities of WSCP actions taken during a water shortage (either one determined by the Annual Assessment, an emergency, catastrophic, or other event). An overview of planned communication approaches is provided in Table 5. These protocols have been aligned between the RUWMP participating agencies where possible, but some are tailored to the needs of CWA's service area. CWA will adjust its communication strategy as needed to address issues that are impacting the entire service area or limited areas.

Table 5. Communication Plan Outline

At all times	Level 1 Up to 10% Voluntary Conservation	Level 2 Up to 20% Mandatory Conservation	Lev Up to 30% or 40%
Standard outreach efforts in effect (media relations, social media, website)	Update message platform to reflect conditions, District response, and needed actions from public	Update campaign and messages to generate immediate actions/behaviors by public, include information on enforcement actions	Update campaign ar awareness for more actions/behaviors by reduced outdoor wa
Promote ongoing Water Use Efficiency (WUE) programs and tools and partnerships designed to achieve long-term water management goals	Announce status change to key stakeholders and general public (e.g., News release, social media, etc.)	Announce status change to key stakeholders and general public (e.g., News release, social media, etc.)	Announce status cha and general public (e media, etc.)
Standard coordination with MWD and regional partners	Include increased conservation messages on website and in standard outreach efforts; provide regular condition updates to stakeholders/media	Supplement Level 1 activities with additional tactics as needed; provide regular condition updates to stakeholders/media	Supplement Level 2 tactics as needed; p stakeholders/media
Board reports on public communication and water-use efficiency outreach activities at least annually.	Enhance promotion of ongoing WUE programs/tools; deploy targeted advertising	Conduct issue briefings with elected officials, other key civic and business leaders	Conduct specialized local organizations
	Initiate regular Board reports on campaign efforts	Increase promotion of ongoing WUE programs/tools	Promote available w for vulnerable popul to impacted industrie

6.0 Compliance and Enforcement

This section describes how CWA will ensure compliance with and enforce provisions of the WSCP. The RUWMP participating agencies have worked together to align their policies where possible, but each agency implements its compliance and enforcement actions within its service area.

6.1 Penalties

The penalties that could be imposed for non-compliance are summarized in Table 6.

Table 6. Enforcement Actions

Water Shortage Level	First Violation	Second Violation (within 12 months)	Third Violation (within 12 months)	Subsequent Violations	Additional Information
1	Written warning	$15 administrative fee	$50 administrative fee	$100 administrative fee	
2	Written warning	$100 administrative fee	$150 administrative fee	$300 administrative fee	
3	Written warning	$150 administrative fee	$300 administrative fee	$500 administrative fee	
4 through 6	$300 administrative fee	$500 administrative fee	$500 administrative fee	$500 administrative fee	

6.2 Appeals and Exemption Process

This section describes the appeals and exemption processes. Where feasible, specific exemptions can be identified and defined. Where not feasible, the process to appeal or obtain an exemption should be detailed.

Any water user violating the regulations and restrictions on water use may receive a written notice for the violation. The water user shall have seven days from receipt of the notice to submit a written request for a hearing. If no hearing is requested, or at the hearing it is determined that the water user has committed a violation, a civil penalty may be levied.

The government codes and ordinances that are used to implement these policies and processes are discussed in Section 7.

7.0 Legal Authorities

This section describes the legal authorities that CWA relies upon to implement the shortage response actions and the associated enforcement actions.

Chapter 13.03 of the Coachella Municipal Code provides the legal authority to enforce water service conditions, including the WSCP. The City adopted Resolution No. WA-2014-05 to Implement Stage II of its WSCP in 2014.

The City is in the process of updating its ordinances to reflect the contents of this WSCP.

A copy of the legal authority is included in Appendix A.

In accordance with Water Code Chapter 3 (commencing with Section 350) of Division 1 general provisions regarding water shortage emergencies, CWA shall declare a water shortage emergency in the event of a catastrophic interruption in supply.

CWA shall coordinate with any city or county within which it provides water supply services for the possible proclamation of a local emergency under California Government Code, California Emergency Services Act (Article 2, Section 8558). Including a list of and contacts for all cities or counties for which the RUWMP participating agencies provide service in the WSCP, along with developed coordination protocols, can facilitate compliance with this section of the Water Code in the event of a local emergency as defined in subpart (c) of Government Code Section 8558.

These cities and counties are summarized in Table 7.

Table 7. City and County Coordination on Proclamation of Emergencies

City or County	Contact	CVWD	CWA	DWA	IWA	MDMWC	MSWD
Imperial County	Office of Emergency Services	X					
Riverside County	Emergency Management Department	X	X	X	X	X	X
City of La Quinta	Emergency Management Division	X			X	X	
City of Indio	Emergency Services Coordinator	X	X		X		
City of Coachella	Emergency Services Coordinator	X	X		X		
City of Palm Desert	Emergency Services Coordinator	X					
City of Cathedral City	Emergency Manager	X		X			
City of Indian Wells	Emergency Services Coordinator	X					
City of Rancho Mirage	Emergency Services Coordinator	X					
City of Palm Springs	Emergency Management Coordinator			X			X
City of Desert Hot Springs	Emergency Services Coordinator			X			X

8.0 Financial Consequences of WSCP

This section describes the anticipated financial consequences to CWA of implementing the WSCP. The description includes potential reductions in revenue due to lower water sales and increased expenses associated with implementing the shortage response actions.

Potential financial impacts of implementing the WSCP could include:

- Reduced revenue from reduced water use
- Increased staff costs for tracking, reporting, patrolling, and enforcing restrictions
- Economic impacts associated with water-dependent businesses in the service area

Potential mitigation measures include:

- Triggering of drought rate structures or surcharges
- Using financial reserves
- Reducing operation and maintenance expenses (expenses related to source of supply and pumping will fall due to reduced water production)
- Deferring capital improvement projects
- Reducing future projected operation and maintenance expenses
- Increasing fixed readiness-to-serve charge
- Increasing commodity charge and water adjustment rates to cover revenue shortfalls
- Seeking alternative source of funding, such as state or federal grants or loans
- Other financial management mechanisms

CWA will monitor financial conditions during a water shortage and take appropriate actions as needed. CWA maintains financial reserves that can be used to continue operations during a period of reduced water sales. CWA has the ability to increase water rates or implement surcharges or penalties to increase revenues from water sales.

9.0 Monitoring and Reporting

This section describes how CWA will monitor and report on implementation of the WSCP. CWA will gather data on key water use metrics and use the data to evaluate the effectiveness of response actions in achieving their intended water use reduction purposes. CWA will also gather data on customer compliance to evaluate the effectiveness of enforcement actions. CWA will gather and report data at frequencies adequate to meet reporting requirements established by the State Water Resources Control Board and other government agencies. The specific reporting requirements are expected to continue to change over the next five years.

CWA will monitor water use by customers using billing systems and operational control systems to monitor production and consumption. Each customer is metered, and billing records will be compiled and used to observe trends in water consumption. Each groundwater well and water connection point is also metered, and production records will be used to observe trends in water production. Levels in reservoirs can be monitored using the operational control systems to help identify potential high usage or leaks. CWA staff may also perform field visits and record observations to monitor water use and identify potential issues for follow-up.

For agencies that have budget-based rates, the consumption by customers will be compared to the water budgets to determine effectiveness of response actions. For agencies without defined water budgets for each customer, the consumption records will be aggregated by customer class to evaluate response actions and identify potential additional measures.

10.0 WSCP Refinement Procedures

CWA will monitor the implementation of this plan to evaluate its effectiveness as an adaptive management tool. The monitoring and reporting program described in Section 9 will provide information

on the effectiveness of the shortage response actions during any shortage levels that may be invoked. If CWA determines that the shortage response actions are not effective in producing the desired results, CWA will initiate a process to refine the WSCP. CWA will consider the addition of new shortage response actions, or changing the levels when shortage response actions are implemented. Suggestions for refinements will be collected from agency staff, customers, industry experts, and the general public. The RUWMP participating agencies will share data and suggestions for refinement to identify opportunities to increase the effectiveness of the WSCP while maintaining alignment with other agencies in the region when possible.

11.0 Special Water Feature Distinction

The RUWMP participating agencies have distinguished swimming pools and spas as recreational water features, while non-pool and non-spa water features are considered decorative water features. This distinction is used in the shortage response actions because decorative water features have the potential to use recycled water, while most pools and spas (recreational water features) use potable water for health and safety considerations. However, this distinction does not apply to the hot mineral spring pools and spas throughout the Desert Hot Springs area; while they are recreational, they also do not rely on potable water.

12.0 Plan Adoption, Submittal, and Availability

CWA adopted this WSCP with the 2020 RUWMP. The RUWMP and WSCP were made available for public review during May and June of 2021. A public hearing was held on June 23, 2021 to allow public input on the draft RUWMP and the WSCP.

CWA's governing board adopted the RUWMP and the WSCP at a meeting on June 23, 2021. The resolution of adoption is included as Appendix B.

This WSCP was submitted to DWR through the WUEData portal before the deadline of July 1, 2021. This WSCP was made available to the public on CWA's web site. Notice was provided to cities and counties in the service area that the WSCP was available on CWA's web site.

If CWA identifies the need to amend this WSCP, it will follow the same procedures for notification to cities, counties and the public as used for the RUWMP and for initial adoption of the WSCP. The draft amended WSCP will be made available for public review, and CWA's governing board will hold a public hearing to receive comments on the draft amended WSCP. Once CWA's governing board adopts the amended WSCP, the amended plan will be submitted to DWR and the California State Library, and it will be made available to the public and the cities and counties in the service area through placement on CWA's web site.

Appendix A. Legal Authority

Appendix B. Resolution of Adoption

RESOLUTION NO. WA-2021-05

RESOLUTION OF THE BOARD OF DIRECTORS OF THE COACHELLA WATER AUTHORITY ADOPTING THE 2021 WATER SHORTAGE CONTINGENCY PLAN

WHEREAS, the Urban Water Management Planning Act requires urban water suppliers providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually to prepare and adopt, in accordance with prescribed requirements, a water shortage contingency plan; and

WHEREAS, the Urban Water Management Planning Act specifies the requirements and procedures for adopting such Water Shortage Contingency Plans; and

WHEREAS, the Urban Water Management Planning Act requires urban water suppliers to conduct an annual water supply and demand assessment (Annual Assessment) each year and to include in their water shortage contingency plans the procedures they use to conduct the Annual Assessment; and

WHEREAS, the procedures used to conduct an Annual Assessment include, but are not limited to, the written decision-making process that an urban water supplier will use each year to determine its water supply reliability; and

WHEREAS, the Coachella Water Authority's water shortage contingency plan provides that by June of each year, agency staff will present a completed Annual Assessment for approval by the Board of Directors or by the Board's authorized designee with expressly delegated authority for approval of Annual Assessment determinations; and

WHEREAS, in accordance with applicable law, including Water Code section 10642, and Government Code section 6066, a Notice of a Public Hearing regarding the Water Shortage Contingency Plan was published within the jurisdiction of the Coachella Water Authority on June 4, 2021 and June 11, 2021; and

WHEREAS, the Board of Directors of the Coachella Water Authority wishes to adopt such Water Shortage Contingency Plan and has determined the Water Shortage Contingency Plan to be consistent with the Urban Water Management Planning Act and to be an accurate representation of the planned actions during shortage conditions for Coachella Water Authority.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Coachella Water Authority herby resolves as follows:

1. All of the above recitals are true;

2. The Board of Directors of the Coachella Water Authority adopts the Water Shortage Contingency Plan, as amended by changes incorporated by the Board of Directors as a result of input received (if any) at the public hearing and expressly authorizes the Executive

Director of the Authority to approve the Annual Assessment each year;

3. The Utilities Manager is hereby authorized and directed to file the Water Shortage Contingency Plan with the California Department of Water Resources within 30 days of this date.

PASSED, APPROVED and ADOPTED this 23rd day of June 2021.

Steven A. Hernandez
President

ATTEST:

Angela M. Zepeda
Secretary

APPROVED AS TO FORM:

Carlos Campos
General Counsel

STATE OF CALIFORNIA)
COUNTY OF RIVERSIDE) ss.
CITY OF COACHELLA)

I HEREBY CERTIFY that the foregoing Resolution No. WA-2021-05 was duly adopted by the Board of Authority of the Coachella Water Authority at a regular meeting thereof, held on the 23rd day of June 2021, by the following vote of the Authority:

AYES: Authority Member Delgado, Authority Member Galarza, Vice President Gonzalez.

NOES: None.

ABSENT: Authority Member Beaman Jacinto, and President Hernandez.

ABSTAIN: None.

Andrea J. Carranza, MMC
Deputy City Clerk

Appendix K2: Sewer System Study

KPC Coachella

Sewer System Study

Prepared for:
City of Coachella

Prepared by:

Charles Marr Consulting
for

Kimley»Horn

Contact Persons:
Michael Sutton, P.E., Kimley-Horn
Charlie Marr, P.E., Charles Marr Consulting

CMC JN 002KH2
CMC JN 002KH3
CMC JN 002KH4

October 31, 2022
REVISED May 16, 2023
REVISED July 7, 2023
REVISED October 23, 2023

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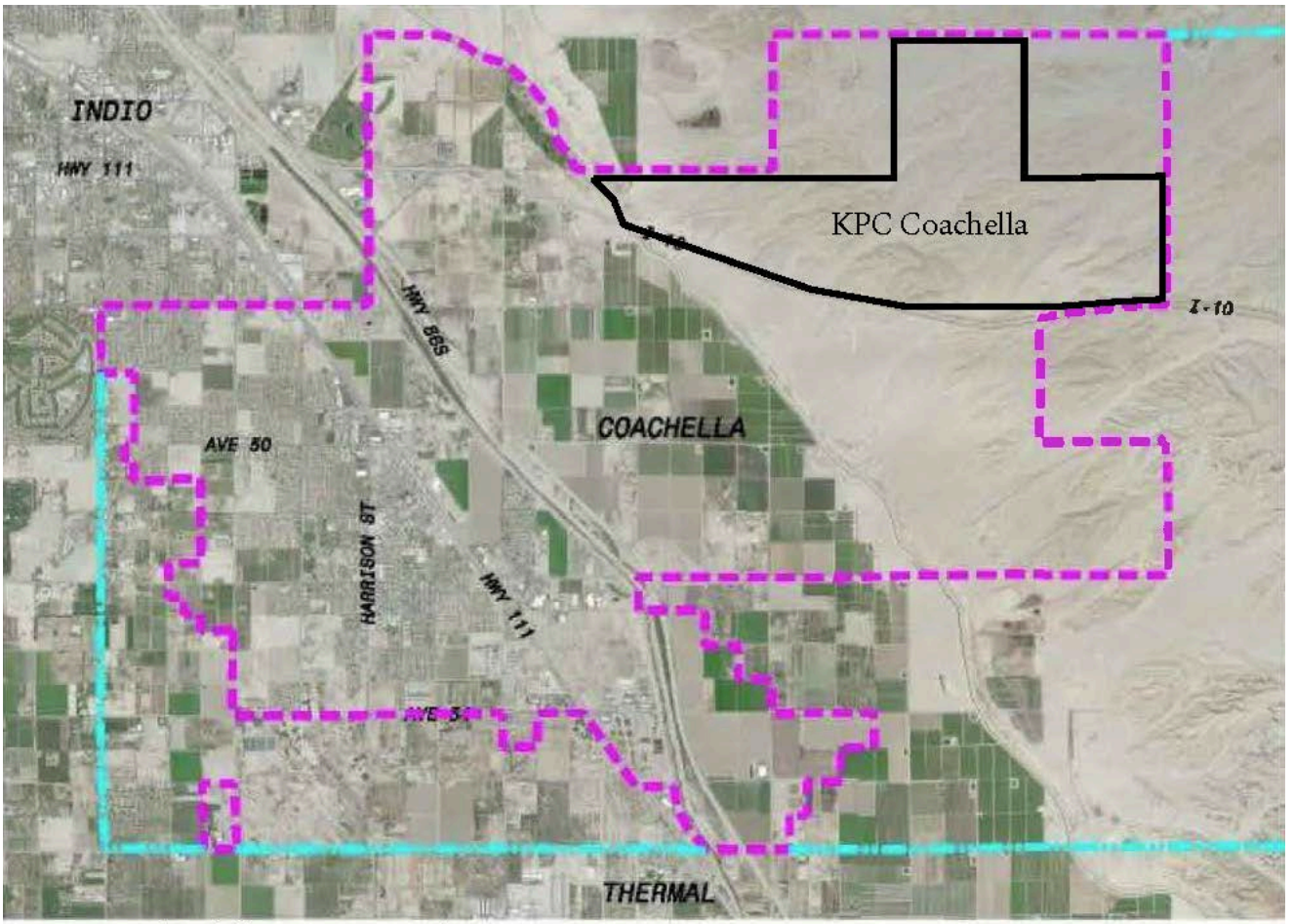
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Appendices

A Land Use by Village and Wastewater Flow Calculations
B City Metering Graphs (2015 Sewer SMP)
C Computer Model Results (available upon request)

I. Introduction

Kimley-Horn was contracted by KPC Coachella to prepare a master plan for on-site wastewater collection and off-site conveyance to the City of Coachella's existing system and Polk Street Pump Station, for the proposed KPC Coachella (KPCC) planned community. The KPCC development is proposed to include residential and non-residential land uses in seven separate subareas. **Exhibit 1** shows the regional vicinity of KPCC within the City of Coachella.



Source: City of Coachella 2017 Water Master Plan

EXHIBIT 1

Exhibit 2 shows the Project site within the City's General Plan subareas.

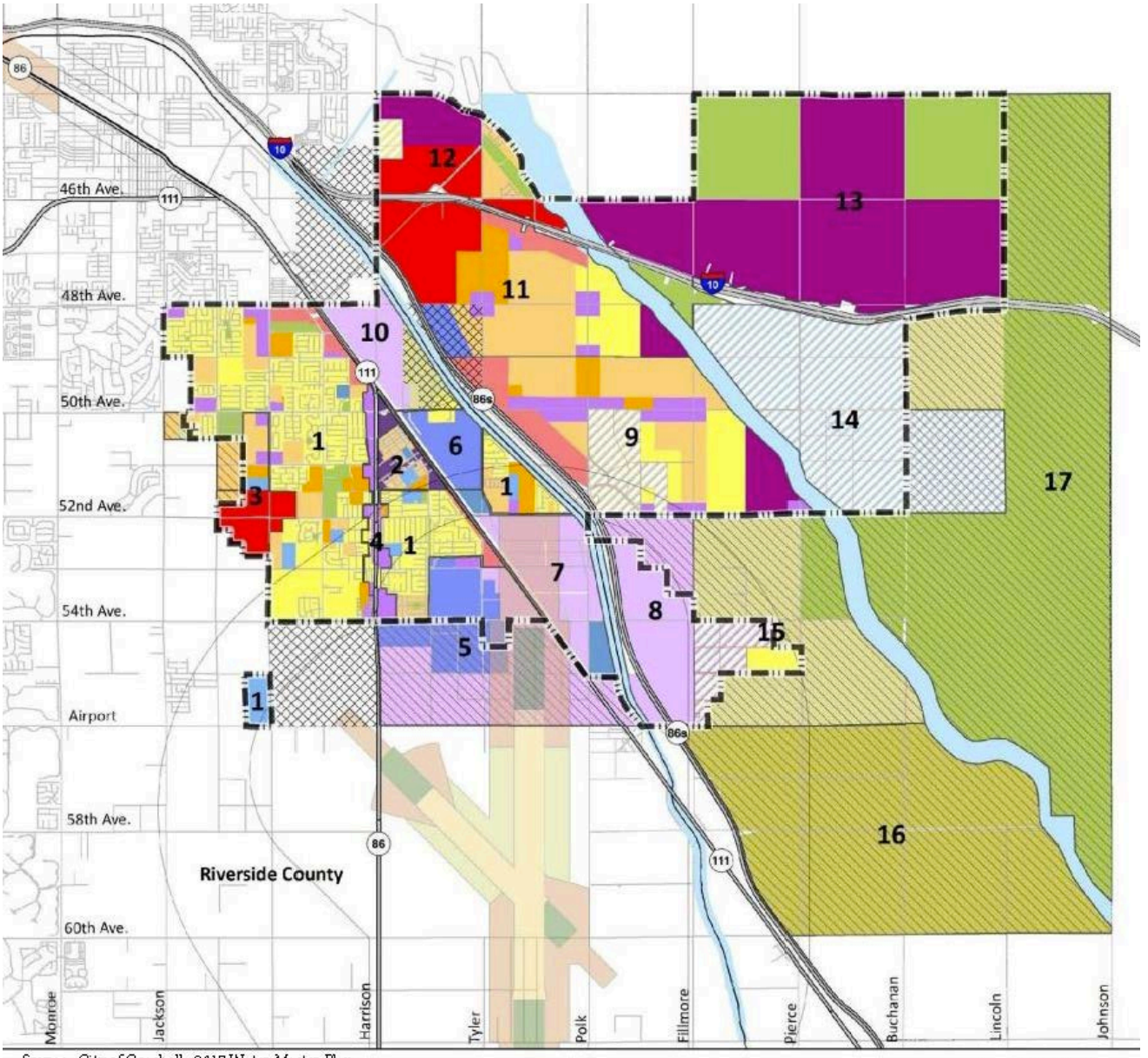


EXHIBIT 2

The Project site lies within the northeast City of Coachella within all or portions of five contiguous Assessor Parcel sections generally bounded by Interstate 10 to the south, the Coachella Canal to the west, and Avenue 46 (Vista Del Norte) and Avenue 44 (paper) to the north. A conceptual earthwork analysis was prepared for the purposes of developing topography for planning, and defining the seven general Areas of KPCC development. The Areas are shown in **Exhibit 3**, and the specific planning land uses are shown within Villages A through E on **Exhibit 4**.

KPC COACHELLA
EARTHWORK



EXHIBIT 3

K:\RIV_LDEV\194079001_KPC_Group_Coachella\CAD\Exhibits\2018.11.05 Overall Grading FG & EQ\KPC OVERALL EQ PH 1-7.dwg

Kimley»Horn


LEGEND:
Very Low Density Residential
Low Density Residential
Medium Density Residential
High Density Residential
Mixed Use
Institutional (Schools)
Entertainment Center/Hotels
Parks, Greenways, and Amenity Centers
New Agricultural Production
Drainage and Other Open Space
Bridges
Roundabouts
Pedestrian / Bicycle Trail
Electrical/Gas Easement
NTS
N
Vista del Norte
All American Canal
Future Interchange
Avenue 50
Agricultural Educational Center
POTENTIAL ACTIVE ADULT COMMUNITY
Pedestrian Promenade
SPORTS FIELD AND TRAIL CONNECTIONS
ELEM./ MIDDLE SCHOOL
ELEM. SCHOOL
WELLNESS UNIVERSITY (OVERLAY DISTRICT)
SPORTS COMPLEX
CYCLING PARK
PERFORMING ARTS AMPHITHEATER
HOTEL/ ENTERTAINMENT CENTER
MIXED USE AND WELLNESS COMPLEX
AGRICULTURE VINEYARD ESTATES
DR-1 99.5 AC
OS-1 33.5 AC
A-1 32.0 AC
OS-2 25.8 AC
A-2 48.8 AC
OS-3 14.6 AC
A-3 15.6 AC
A-4 24.5 AC
A-5 51.0 AC
DR-2 93.3 AC
OS-4 13.5 AC
A-6 28.5 AC
A-7 100.0 AC
A-8 23.0 AC
OS-5 8.9 AC
A-12 18.0 AC
A-9 10.2 AC
A-10 24.2 AC
A-11 16.7 AC
B-1 32.0 AC
DR-3 2.0 AC
C-4 5.0 AC
C-1 23.4 AC
OS-11 A 48.2 AC
C-2A 21.9 AC
C-3 22.4 AC
DR-9A 15.0 AC
DR-9B 25.9 AC
DR-9C 20.0 AC
B-2 27.1 AC
B-3 29.6 AC
OS-6 52.1 AC
OS-7 37.8 AC
B-4 30.8 AC
DR-4 2.0 AC
DR-5A 166.8 AC
D-1 57.0 AC
D-2 54.4 AC
D-3 36.2 AC
D-4 43.2 AC
D-5 22.0 AC
D-6 25.3 AC
D-7 49.5 AC
DR-6 4.3 AC
OS-12 10.5 AC
C-6 32.6 AC
C-5 7.8 AC
OS-13 34.7 AC
OS-14 42.6 AC
OS-15 14.7 AC
DR-7 5.1 AC
C-7 50.0 AC
DR-8 57.6 AC
OS-8A 16.8 AC
B-6A 31.9 AC
B-6B 35.3 AC
B-5 71.5 AC
OS-8B 1.9 AC
OS-8C 0.5 AC
B-8 50.6 AC
B-7 13.5 AC
OS-9A 8.6 AC
DR-5B 4.7 AC
OS-9B 4.1 AC
OS-9C 1.5 AC
OS-10 4.9 AC
B-9 12.4 AC
E-1 31.2 AC
E-2 39.0 AC
E-3 12.38 AC
E-4 35.0 AC
E-5 22.0 AC
E-6 40.2 AC
E-7 38.0 AC
DR-7 4.2 AC
OS-16 42.6 AC
OS-20 25.8 AC
OS-21 17.0 AC
DR-5C 222.5 AC
EXHIBIT 4

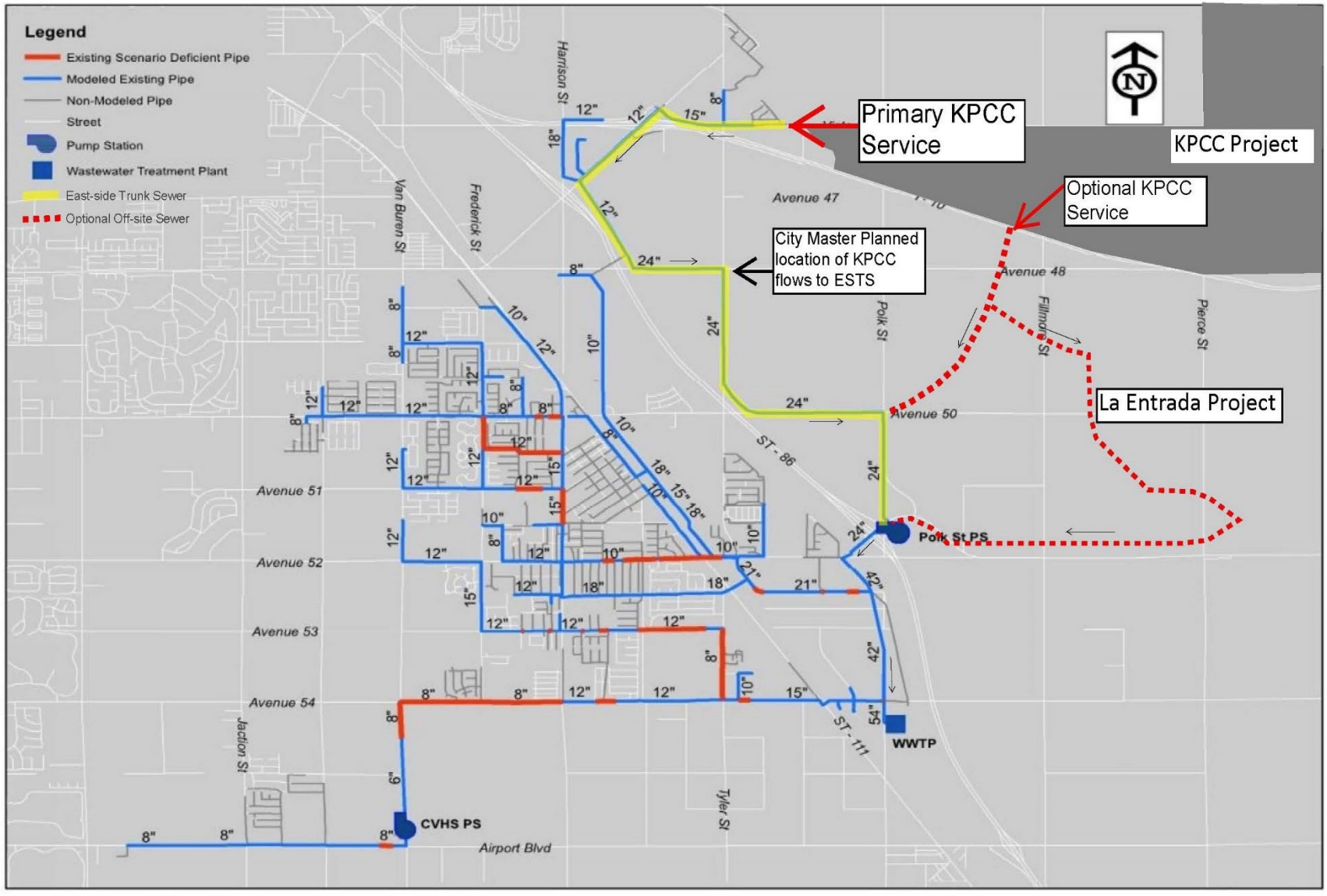
The City of Coachella will be the wastewater collection purveyor for the Project development. This analysis of the collection system was developed for the owner's review and general understanding of the sewer facilities required for the Project as well as for the City's review and approval of a concept sewer system plan.

II. City's Sewer System

The proposed connection for KPC Coachella to the City's sewer system is located at the east end of the Vista Del Norte sewer east of Dillon Road in Avenue 46. The off-site collection system consists of 12-, 15-, and 24-inch gravity sewers recently completed to convey municipal wastewater from new development north of Interstate 10 and east of the Coachella Canal to the Polk Street Sewer Pump Station. The current status of the off-site collection system proposed to serve KPCC, referred to in the Sewer System Study as the *East-side Trunk Sewer*, follows Vista Del Norte, Dillon Road, Highway 86, Avenue 48, Tyler Street, Avenue 50 and Polk Street. The Polk Street Pump Station pumps the collected wastewater through a 24-inch force main system to the City's 42-inch trunk sewer and Wastewater Treatment Plant (WWTP) at Avenue 54.

All reaches of the East-side Trunk Sewer serve other developed areas outside of KPCC, and is proposed to serve future development areas besides KPCC. Therefore, it is recommended that the capacities of each East-side Trunk Sewer reach, as well as the Polk Street Pump Station and City's Wastewater Treatment Plant be monitored as KPCC development progresses.

Exhibit 5 shows the City's existing wastewater collection and treatment facilities, the East-side Trunk Sewer (ESTS), and the proposed (primary) sewer connection location at Vista Del Norte relative to the City's current master planned location of impacted flows from the KPCC project site.



Source: City of Coachella 2015 Sewer Master Plan

EXHIBIT 5
Off-site Wastewater Collection

Based on the City's current Sewer System Master Plan (CDM Smith, 2015), the City anticipates development of the general planning subareas east of the Coachella Canal to be served by the East-side Trunk Sewer. This includes the KPCC Project area. The City's master plan provides for direct flows from KPCC to the Avenue 48 24-inch sewer reach. Although this would effectively divert KPCC flows downstream of the smaller reaches of the East-side Trunk Sewer, it would require alignment of the proposed off-site system through unplanned area owned by others.

An optional collection plan to that presented in the City's Sewer Master Plan could develop a gravity flow system entirely through the adjacent proposed La Entrada development to the south. Exhibit 5 presents alternative alignments of the optional off-site system through planned roadways within the proposed La Entrada development, to Avenue 50 or Avenue 52, bypassing most or all of the East-side Trunk Sewer. This would require construction of sewers in a future California Transportation (Caltrans) right-of-way. Although this could eliminate upsizing of the upper reaches of the East-side Trunk Sewer, required service for KPCC may not be consistent with the construction schedule of La Entrada or the Cal trans rights-of-way.

It is recommended that KPCC explore the optional off-site sewer service through La Entrada to supplement its conveyance needs and potentially precluding ultimate on-site pumping for Areas 1, 5 and 7 (Villages B and E). The Sewer System Study includes analysis of the East-side Trunk Sewer and its capacity to serve the KPCC Project wholly through Vista del Norte, and also analyzes the reduced impacts to the East-side Trunk Sewer by sewering later KPCC phases through La Entrada.

III. Land Use

The 2,808-acre Project is proposed to develop residential densities from one to 25 units per acre for a total of 9,536 dwelling units on approximately 1,035 acres. Mixed use, non-residential, open space and roads are proposed to make up the remaining 1,774 acres. Mixed use residential units are proposed for 844 of the total 9,536 residential units. Non-residential land uses are proposed to include commercial, entertainment, hotels, schools and open space. **Table 1** is a summary of the proposed land uses of the KPCC Project.

Table 1 - Land Use Summary Table (August 2022)						
Land Use	Gross Acres (AC)	% Area	Density (DU/AC)	Dwelling Units (DU)	FAR	Square Footage (SF)
Residential						
Very Low Density Residential	152	5.61%	1	152		
Low Density Residential	362	13.33%	5	1,811		
Medium Density Residential (Includes NAP)	419	15.09%	10	4,187		
High Density Residential	102	3.74%	25	2,542		
Residential Sub-total	***1,035***	**37.76%**		**8,692**		
Commercial						
Mixed-Use (Includes NAP)	255	8.11%	10	844	0.25	1,865,518
Hotel and Entertainment Center	27	1.00%				100,000
Entertainment venue	23					75,000
Commercial Sub-total	***306***	**9.97%**		**844**		**2,040,518**
Open Space						
Parks, Greenways, and Amenity Centers (Includes NAP	395	13.95%				
New Agricultural Production	68	2.52%				
Drainage and Other Open Space (Includes NAP)	754	26.61%				
Open Space Sub-total	***1,217***	**43.08%**				
Institutional						
Elementary School	38	1.41%				
Middle School	33	1.20%				
Institutional Sub-total	***71***	**2.60%**				
ROW/Streets	179	8.08%				
TOTAL (SP AREA)	***2,808***	**100.00%**		**9,536**		**1,782,813**

Appendix A, Table A-1 includes a detailed breakdown of the land use types within each of five proposed Villages.

IV. Wastewater Flows

The projected wastewater flows from the proposed KPC Coachella project were estimate using the City's Planning and Design Criteria as outlined in the 2015 Sewer System Master Plan. All land uses are based on a per-acre factor as described in the Master Plan. A base unit sewerage flow of 300 to 2,400 gallons per day per acre (gpd/Ac) was used for all residential based on density. Demand factors for non-residential uses range from 600 to 2,400 gpd/Ac depending on type, i.e. mixed-use commercial, hotel/entertainment center and schools.

Peaking diurnals were developed for the City's Master Plan, and utilized here to estimate theoretical sewer peaking by individual land uses. Within a sewer system, peaking is largely a factor of land use type and time. The more time (and further downstream flow is measured), the lower the peaking factor. The City's Master Plan includes extensive field flow monitoring, and measured the average, minimum and maximum flows at multiple locations throughout their service area. The KPCC development and sewer system will likely produce similar flow characteristics. For the purposes of tabulating a conservative estimate of peak flows for KPCC, a 25-percent factor of safety was added to the diurnal peak values, as discussed further in Section

VI. **Table 2** summarizes the flow metering results and universal peaking factor developed for the KPCC master plan:

Table 2 - Sewer Flow Peaking Factors[1]

Flow Meter	Metered Weekday Flow - AVERAGE (MGD)	Metered Weekday Flow - PEAK (MGD)	Peaking Factor	Universal Peaking Factor for Specific Plan area
1	0.366	0.635	1.735	2.00
2	0.155	0.283	1.826	
3	0.022	0.044	2.000	
4	0.094	0.163	1.734	
5	1.980	2.886	1.458	
6	2.000	2.820	1.410	

[1] Per Table 4-3, 2015 Coachella Sewer Master Plan.

This essentially defines the City's sliding scale for peak flow estimation. As shown in Table 2, the peaking values range from 1.410 for the larger flows to 2.000 for the smaller flows, and illustrates the natural attenuation that always occurs downstream as flows are collected and conveyed to the larger trunk sewers downstream. Each Village proposed for KPCC contributes a portion of the total KPCC flow, and can be tabulated with an estimated peak as demonstrated from the field results derived in the table. Observing the relatively high flows of Meters 5 and 6 with peaking values calculated at 1.458 and 1.410 respectively, in comparison to the lower flows of the other meters (peak at 1.7 to 2.0), KPCC peaking values can be estimated accordingly. **Table 3** summarizes the average and peak sewer flows estimated for KPCC:

Table 3 - KPC Coachella Sewer Flow Summary

Village	Area	Average		Peak [1]
A	2 & 3	308 gpm	0.444 MGD	616 gpm
B	1 & 5	462 gpm	0.665 MGD	924 gpm
C	4	181 gpm	0.261 MGD	362 gpm
D	6	319 gpm	0.459 MGD	638 gpm
E	7	168 gpm	0.242 MGD	336 gpm
Total		**1,438 gpm**	**2.071 MGD**	**2,876** gpm

[1] Each Village has multiple land uses; therefore, no single land use peaking is appropriate. Based on flow monitoring performed for the 2015 Sewer Master Plan, the highest recorded peak of the meters used for diurnal loading was from Meter 3, which showed a PF = 2.0, thus 2.0 is considered a conservative estimate for KPCC peaking.

The detailed sewer flow estimates are calculated by land use and by Village Planning Area in Tables A-2 and A-3, respectively, of **Appendix A**.

V. Sewer System Facilities

The proposed sewer system was developed and evaluated using the City's design criterion from the 2015 Sewer System Master Plan. The design criterion is summarized in **Table 4**.

Table 4 - Summary of Hydraulic Criteria

Elements	Recommended Value	
Manning's 'n' Factor	0.013 for all pipe materials	
Minimum Pipe Size	8 - inches	
	Under peak design dry weather flow conditions:	
	d/D = 0.50 for pipes 12-inches in diameter and smaller	
	d/D = 0.75 for pipes larger than 12-inches in diameter	
	The remaining capacity is assumed to be available for wet weather flows	
Design Criteria for Gravity Sewer Maximum Flow Depth	For evaluating and prioritizing whether existing pipes require improvement, surcharge is allowed as long as the hydraulic grade line (HGL) remains at least 5 feet below the rim elevation under peak design flow conditions. This criterion is only for evaluating whether existing pipes require replacement or relief.	
	All new pipe improvements and replacement projects are sized to convey the peak 2040 design flow at full pipe capacity (d/D =1) without any surcharge.	
Velocity Criteria for Gravity Lines	Minimum: 2.5 ft/sec at half-full pipe.	
	Maximum: 8 ft/sec	
Minimum Slopes for Gravity Lines	8-inch diameter: 0.0040	15-inch diameter: 0.0017
	10-inch diameter: 0.0030	18-inch diameter: 0.0014
	12-inch diameter: 0.0024	21-inch diameter: 0.0011
	For 24-inch diameter lines and larger other than minimum cleansing velocity (such as construction tolerances and potential ground subsidence) may govern the minimum slope selection.	
Force Main Hydraulic Criteria	Maximum velocity: 6ft/sec for new pipes, 8 ft/sec for existing pipes	
	minimum velocity: 3.5 ft/sec	
	Hazen-Williams Head Loss Coefficient: C=100 - 120 depending on pipe size, material, and age.	
Pump Station Capacity	Firm Capacity, with largest pump as a standby unit for peak design flows.	

Ultimately, the City will need to operate adjacent wastewater collection systems that will also utilize the East-side Trunk Sewer (Exhibit 5). The basis of sewer system planning for KPCC is to take advantage of existing topography and minimize pumping. The East-side Trunk Sewer is currently under-utilized. The existing development currently served is exclusively at the north end, and

temporary facilities divert the minor flows at Avenue 48 to the west side of Highway 86.

The following describes the on-site collection system required for efficient sewer service to all KPCC Villages within three defined sewersheds.

On-site system - Ultimate

The topography of the conceptual grading plan provided for this master planning study shows the Project site generally increases in elevation from west to east and from south to north. The topography dictates the general direction of gravity flow. In order to minimize pumping from low points, and take advantage of the natural drainage direction, the collection system is proposed to flow from east to west and north to south. KPCC is naturally divided into three sewersheds which drain to local low points determined by the proposed land use and concept grading. For the purposes of the Sewer System Study, and to be independent of adjacent development schedules, the upstream terminus of the East-side Trunk Sewer described in Section II is the primary sewer service connection proposed for the KPCC project.

KPCC is divided into three sewersheds – Sewershed 1 includes the highest elevations at the east side of the Project with drainage flow direction to the west and south, with its boundary separating it from Sewershed 2 by the natural drainage area defined in the land use plan as DR-8 and DR-9. In like manner, the upper reaches of Sewershed 2 start at the next highest elevations at the north side of the Project and flows to the west and south, with its boundary separating it from Sewershed 1 by DR-1. The primary consideration for the proposed KPCC sewer system layout is to minimize pumping and natural drainage crossings. **Exhibit 6** illustrates the sewershed configuration and proposed collection sewers for the KPC Coachella project.

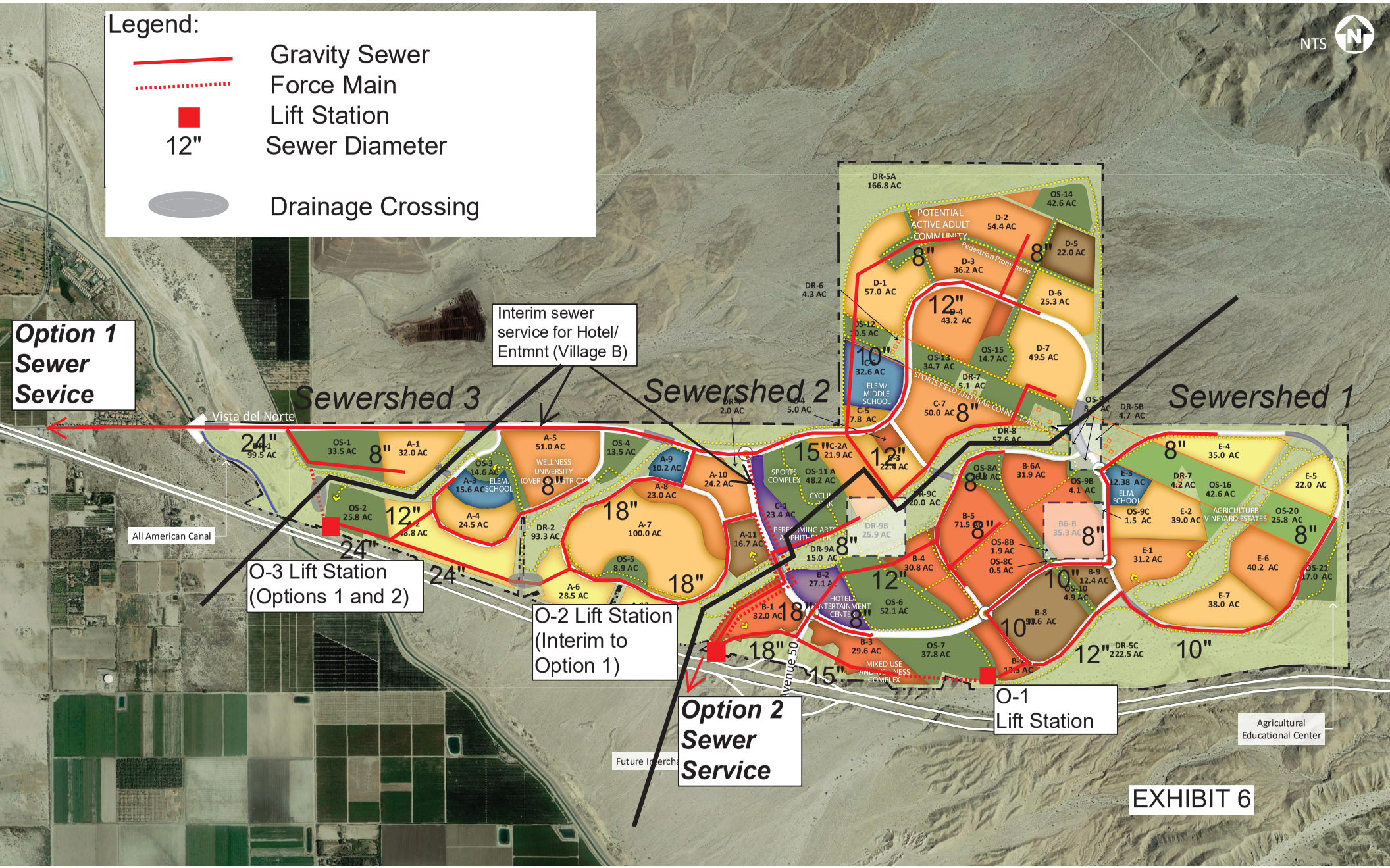
The upstream terminus of the City's East-side Trunk Sewer is located in Vista Del Norte at Meritage Lane, and represents KPCC sewer service direction that could accommodate 100 percent of the KPCC development. The proposed primary service (Option 1) would require extending the Vista Del Norte sewer to the east and crossing the Coachella Canal. This would require special design considerations, but should allow for gravity flow from the proposed KPCC terminus in Vista Del Norte. Based on the conceptual grading plan provided for the Sewer System Study, the elevation of the western-most point of KPCC in Vista Del Norte may be more than 75 feet higher than the invert of the East-side Trunk Sewer terminus.

As a second option (Option 2), the KPCC sewer master plan investigates off-site sewer flow direction to the south at, or adjacent to, the future Interstate 10 interchange. Section II introduced the concept of gravity service for Areas 1, 5 and 7, i.e. Sewershed 1. This represents Option 2 which would also require special design considerations for crossing Interstate 10. Depending on final topography and ultimate interchange configuration, this could allow for 100-percent gravity flow service for these Areas precluding the need for permanent on-site pumping in Sewershed 1. This would have the added benefit of minimizing the impacts to the upper reaches of the East-side Trunk Sewer.

On-site system - Interim

It should be noted that construction of the priority development within Area 1 could be scheduled

prior to La Entrada development construction for the adjacent property south of Interstate 10. Interim sewer service facilities could be constructed for temporary sewer service to the proposed primary connection in Vista Del Norte (Option 1), as shown in Exhibit 6. Off-site infrastructure may be in place for Option 2 service when engineering design is needed for future areas 5, 6 and 7, and allow for conversion from interim pumping for Area 1 to the Option 2 gravity system.


Legend:
Gravity Sewer
Force Main
Lift Station
12"
Sewer Diameter
Drainage Crossing
NTS
Option 1 Sewer Sevice
Interim sewer service for Hotel/ Entmnt (Village B)
Sewershed 3
Sewershed 2
Sewershed 1
Vista del Norte
All American Canal
O-3 Lift Station (Options 1 and 2)
O-2 Lift Station (Interim to Option 1)
Option 2 Sewer Service
O-1 Lift Station
Agricultural Educational Center
EXHIBIT 6

Sewers are sized pursuant to the hydraulic criterion of Table 4.

Ultimately, sewering through the La Entrada development project would significantly reduce the KPCC flows to the Vista Del Norte sewer and much of the East-side Trunk Sewer system. The optional sewerage collection plan discussed in Section II could connect the KPCC sewer system with a planned sewer system (by others) adjacent to the new I-10 freeway interchange for gravity conveyance to the south. In this case, KPCC Area 1, including the hotel/entertainment center, as well as future Areas 5 and 7, could flow through a new sewer system crossing the I-10 freeway adjacent to the interchange and reduce on-site KPCC pumping. This would also reduce the capacity needs of the Vista Del Norte system and the smaller 12- and 15-inch upper reaches of the East–side Trunk Sewer. The final design phase would determine the I-10 crossing location for maximizing gravity flow, and optimal location for regional service for Option 2.

Off-site system

The primary (Option 1) off-site receiving system is the City of Coachella's existing East-side Trunk Sewer from its upstream terminus in Vista Del Norte to its downstream terminus at the Polk Street Pump Station. Secondary (Option 2) off-site sewer collection is a concept alignment that could be used by KPCC when it's constructed. Option 2 would convey KPCC flows within future Caltrans rights-of-way at either Avenue 50 or Avenue 52. Flows to Avenue 50 would only impact the most downstream reach of the East-side Trunk sewer in Polk Street. The Polk Street sewer is the existing 24-inch sewer between Avenue 50 and the Polk Street Pump Station. Option 2 service to Avenue 52 would require KPCC participation in a much longer off-site sewer system. Primary (Option 1) and secondary (Option 2) off-site sewer alignments are illustrated in Exhibit 5. Exhibit 6 shows the proposed on-site KPCC collection systems which would convey sewer flows to Option 1 and Option 2.

As discussed in the previous section, construction of the hotel/entertainment center and Mixed-use and Wellness Complex of Village B (Area 1) may be scheduled prior to La Entrada development construction. Interim sewer service facilities could be constructed for temporary sewer service for these priority areas to the proposed Option 1 connection in Vista Del Norte. Off-site infrastructure may be in place for Option 2 service when engineering design is needed for future Areas 5, 6 and 7, and allow the interim pumping and sewer service for the hotel/entertainment center to be converted to the Option 2 gravity system as a permanent service. It is recommended that KPCC and the City of Coachella explore Option 2 off-site sewer service through La Entrada as a potential for minimizing construction costs of upsizing the East-side Trunk Sewer and minimizing or precluding the need for on-site pumping for Areas 1, 5 and 7 (Villages B and E).

VI. Sewer System Analysis

On-site system

The on-site sewer system hydraulic analysis was performed for the proposed KPCC collection system shown in Exhibit 6 using Sewercad (Bentley) hydraulic modeling software. The hydraulic model was created using proposed roadway alignments from the conceptual planning study, and considered wherever possible the predetermined drainage crossings (bridges) within the land use plan (Exhibit 4). Elevation grades from the concept grading plan were used to estimate elevations necessary for modeling geometry. The estimated sewerage generation was loaded at junctions which were located where two or more pipes meet and at changes in sewer diameter. On-site

pumping of sewerage flows will be required at up to three locations depending on the ultimate connection location(s) with the City's existing and future off-site system, and at the development low point of Village B (Area 1) relative to the I-10 crossing location of a future sewer system. Pipe sizes are established for master planning purposes. However, site constraints and final pipe slopes cannot be known at the early planning stages; therefore, pipe sizing should be confirmed during the site design phases of development.

The proposed on-site sewer system analysis utilizes extended period simulation (EPS) and algorithms that can implement unique diurnal curves for realistic system loading throughout a 24-hour period. This is essential because residential and non-residential land uses have very different flow generation and peaking characteristics.

The City's Sewer Master Plan included calibration analysis using six metered locations within the existing collection system, three of which were used as the basis for establishing the peaking for the KPCC analysis, as well as the basis for the diurnal curves adopted for "residential", "non-residential", and "combined" land uses. **Table 5** summarizes the findings of the City's flow metering results.

Table 5 - Sewer Flow Peaking Factors[1]

Flow Meter	Metered Weekday Flow - AVERAGE (MGD)	Metered Weekday Flow - PEAK (MGD)	Peaking Factor	% Difference in peaks between model and field	Demand Type	Use for KPC Diurnal flow patterns?
1	0.366	0.635	1.735	-57%	Residential	no
2	0.155	0.283	***1.826***	1%	***Residential***	***yes***
3	0.022	0.044	***2.000***	-9%	***Non-Residential***	***yes [2]***
4	0.094	0.163	1.734	-3%	Non-Residential	no [2]
5	1.980	2.886	***1.458***	-1%	***Combination***	***yes***
6	2.000	2.820	1.410	34%	Combination	no

[1] Per Table 4-3, 2015 Coachella Sewer Master Plan.
[2] Flow Meter 3 results in a more conservative hydraulic analysis than Flow Meter 4.

The meter graphs as presented in the City's Sewer Master Plan are included in **Appendix B**. The KPCC sewer system model was set at a 48-hour EPS using two-hour timesteps. Timesteps are used in EPS analysis to simulate sewer loadings for each timestep. Residential loadings peak in the early morning (6am to 8am) hours, while non-residential loadings are proportionately lower and typically peak in the middle of the day. **Table 6** is a tabulation of the metered dry-weather diurnal curves from the City's Sewer Master Plan. The table also includes the design diurnals for the modeling study to account for potential differences in existing and future flow characteristics. For the purposes of modeling at this planning level, an adjustment factor of 125 percent of the peaks in Table 5 were applied to the peaks for the selected meters for each of the residential, non-residential and combined land use types for the modeling diurnals.

Table 6 - Model Diurnal Curves

Time step	Fraction of total daily demand[1]			***Design Fraction of total daily demand[2]***		
	Residential	Non-Resid.	Combination	***Diurnal Curve #1 (Residential)***	***Diurnal Curve #2 (Non-Resid.)***	***Diurnal Curve #3 (Combination)***
MN	0.60	0.70	1.00	***0.40***	***0.45***	***0.90***
1am						
2am	0.24	0.50	0.40	***0.15***	***0.30***	***0.30***
3am						
4am	0.23	0.40	0.45	***0.30***	***0.30***	***0.30***
5am						
6am	1.42	0.45	0.80	***1.45***	***0.40***	***0.60***
7am						
8am	1.10	0.65	1.10	***1.00***	***0.60***	***1.25***
9am						
10am	0.80	0.70	0.95	***0.65***	***0.65***	***0.85***
11am						
Noon	1.00	1.35	1.00	***0.75***	***1.35***	***0.95***
1pm						
2pm	1.02	1.75	1.05	***0.90***	***1.85***	***1.00***
3pm						
4pm	1.20	1.85	1.18	***1.20***	***2.50***	***1.28***
5pm						
6pm	1.30	1.35	1.24	***1.57***	***1.65***	***1.37***
7pm						
8pm	1.74	1.15	1.45	***2.28***	***1.15***	***1.82***
9pm						
10pm	1.35	1.15	1.38	***1.35***	***0.80***	***1.38***
11pm						
MN						
	12.00	12.00	12.00	***12.00***	***12.00***	***12.00***

[1] Taken from meter readings from sewer flow monitoring performed for the 2015 Sewer Master Plan, Appendix A (Meter 2 for 'Residential', Meter 3 for 'Non-residential' and Meter 5 for combination of all land uses).

[2] Based on Meters 2, 3, and 5 readings from sewer flow monitoring performed for the 2015 Sewer Master Plan, Appendix A. Multiplies peak fraction by 125% to account for attenuation differences that could occur between existing City flows and future Project flows. (Meter 2 for 'Residential', Meter 3 for 'Non-residential' and Meter 5 for combination of all land uses).

Another variable that cannot be known at this time is the discharge capacity of the proposed lift stations. Lift stations can be designed to operate more or less than 50 percent of the time. Design considerations include site constraints, wet well volume/configuration, downstream sewer capacity, and other factors. For the purposes of the analysis, 150 percent average inflow was used for pump discharge to receiving sewers. **Table 7a** summarizes the critical model simulation results based on lift station flows cycling at 150 percent of average flows. As a sensitivity analysis, 200 percent was also used, and the resulting characteristics are summarized in **Table 7b**.

Table 7a - Computer Modeling Results - KPC Sewer Pumping Capacities at 150% of Average Sewershed Flow (Revised for August 2022 Land use)

Sewer-shed	Area	Villages	Flow by Village (Average)	Peak Flow [1]		Maximum Velocity			Maximum Depth Ratio		
				Sewershed	Cumulative	Pipe	dia.	fps	Pipe	dia.	d/D
1	1, 5 and 7	Village B, Village E	630 gpm	1,037 gpm, CO-60 & CO-61 (9pm)	-	CO-60 (9pm)	18"	7.90	CO-57 (9pm)	12	0.51
2	2, 3(por.), 4, 6	Village A (por.), Village C, Village D	786 gpm	-	3,194 gpm, CO-59 (9pm)	CO-59 (9pm)	24"	11.97	CO-38 (9pm)	10	0.59
3	3 (por.)	Village A (por.)	22 gpm	-	2,158 gpm, CO-58 (7pm)	CO-58 (7pm)	24"	9.91	CO-23 (8pm)	24	0.41

[1] Peak flow as derived from hydraulic analysis using diurnal curves and estimated pumping cycles from LS 1 (serving Sewershed 1), LS 2 (serving Sewershed 2), and LS 3 (serving Sewershed 3) at 150% of average flow entering the respective lift station wet well.

Table 7b - Computer Modeling Results - KPC Sewer Pumping Capacities at 200% of Average Sewershed Flow (Revised for August 2022 Land use)

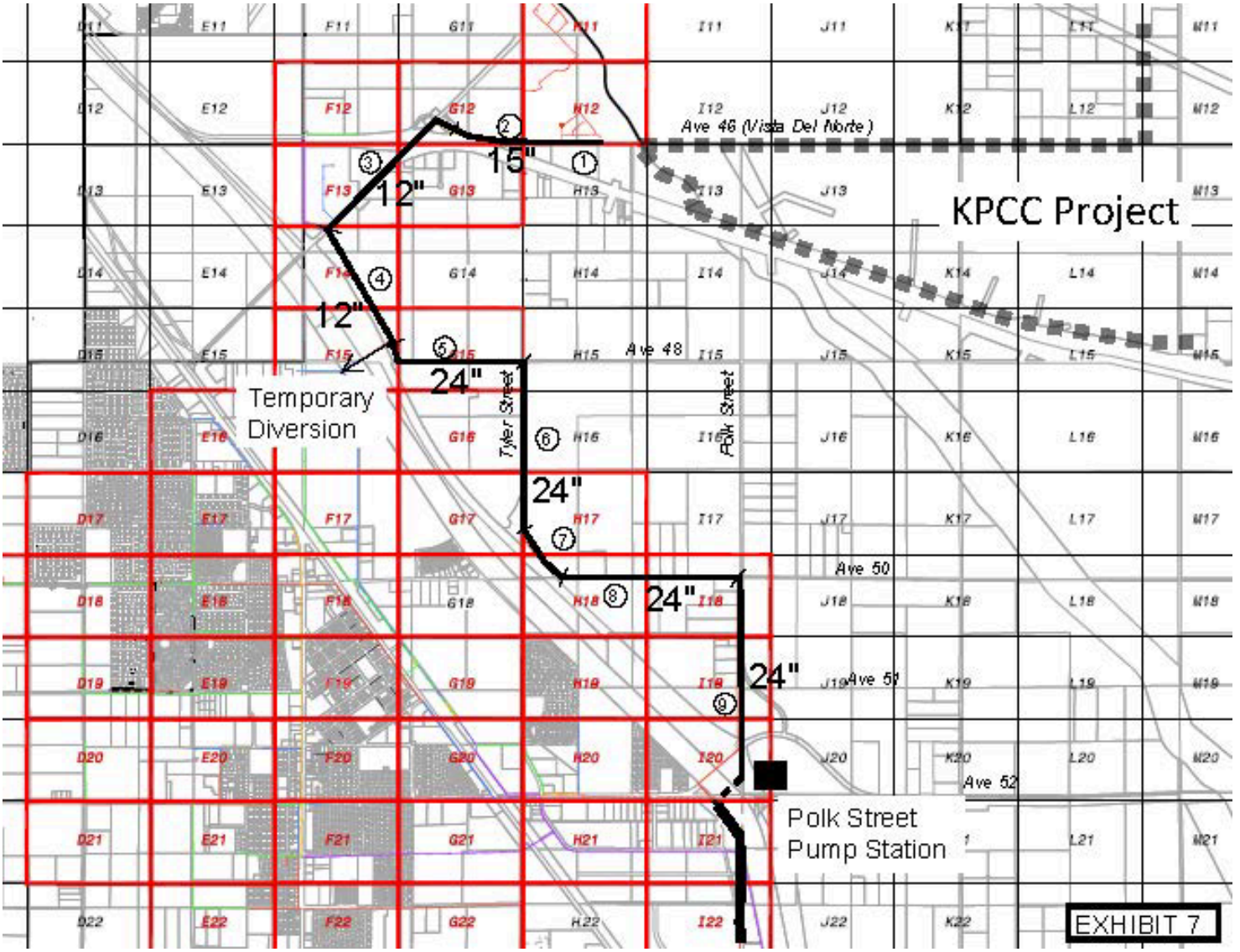
Sewer-shed	Area	Villages	Total Flow (Average)	Peak Flow [1]		Maximum Velocity			Maximum Depth Ratio		
				Sewershed	Cumulative	Pipe	dia.	fps	Pipe	dia.	d/D
1	1, 5 and 7	Village B (por.), Village E	630 gpm	1,121 gpm, CO-60 & CO-61 (9pm)	-	CO-60 (9pm)	18"	8.09	CO-57 (9pm)	12	0.51
2	2, 3(por.), 4, 6	Village A (por.), Village C, Village D	786 gpm	-	3,581 gpm, CO-59 (9pm)	CO-59 (9pm)	24"	12.37	CO-38 (9pm)	10	0.59
3	3 (por.)	Village A (por.)	22 gpm	-	2,867 gpm, CO-58 (7pm)	CO-58 (7pm)	24"	10.77	CO-23 (8pm)	24	0.48

[1] Peak flow as derived from hydraulic analysis using diurnal curves and estimated pumping cycles from LS 1 (serving Sewershed 1), LS 2 (serving Sewershed 2), and LS 3 (serving Sewershed 3) at 200% of average flow entering the respective lift station wet well.

The on-site sewer system schematic and input and output computer analysis results are included in **Appendix C**.

Off-site system

The City completed their city-wide sewer analysis for the 2015 Sewer Master Plan. The East-side Trunk Sewer system is an integral part of the sewering plan for development east of Route 86 and future development east of the All American Canal, including the KPCC project. **Exhibit 7** illustrates the East-side Trunk Sewer and its extents from Vista Del Norte to the Polk Street Pump Station.



The City's Sewer Master Plan allows for a peak flow from KPCC of 5.524 cfs. Pursuant to City staff direction, a peaking factor for the KPCC sewer flows is estimated at 2.0 times average. Therefore, the updated average and peak flow estimates from Table 3 are 1,438 gpm and 2,876 gpm (6.408 cfs).

The results of the hydraulic analysis performed for the City's master plan were extracted and examined for the KPCC Sewer System Study and used here for the East-side Trunk Sewer (ESTS) as shown in **Table 8**. All sewer loadings on the ESTS, as well as resulting downstream flows for each condition – Existing, Intermediate, and Year 2040 – analyzed in the City's master plan, are re-created and summarized in Table 8 (highlighted figures represent KPCC flow or downstream flows impacted by KPCC flow).

Table 8 - Off-site Flows from 2015 SMP Hydraulic Analysis [1]

East-side Trunk Sewer Reach		Sewer Dia (in)	Manhole	Existing Loading (cfs)	Q Dnstrm (cfs)	Existing Max d/D	Inter. Loading (cfs)	Inter. Q Dnstrm (cfs)	Max d/D @ Inter.	Year 2040 Loading (cfs)	Year 2040 Q Dnstrm (cfs)	Max d/D @ Year 2040
1	Avenue 46	15	H12-001	0.026	0.026	0.06	0.060	0.060	0.08	0.071	0.071	0.09
2	Avenue 46	15	G12-012	0.039	0.041	0.14	0.160	0.172	0.29	0.198	0.213	0.32
3	Dillon Road	12	G12-001	0.014	0.081	0.11	0.516	0.730	0.33	0.650	0.912	0.38
			F13-018	0.035	0.112	0.14	0.071	0.803	0.37	0.109	1.024	0.42
			F13-014	0.011	0.123	0.13	0.031	1.121	0.38	0.340	1.371	0.42
4	Spur	12	F12-002	0.000	0.000	0.00	0.088	0.088	0.09	0.088	0.088	0.09
			H14-010	0.000	0.000	0.00	0.155	0.169	0.26	0.270	0.272	0.33
			F14-005	0.000	0.123	0.18	0.901	2.228	***1.00***	1.000	2.660	***1.00***
5	Avenue 48	24	-	0.000	0.123	0.18	0.000	2.228	0.28	0.000	2.660	0.31
6	Tyler Street	24	J15-010[2]	n/a	n/a	n/a	2.671	2.671	0.35	5.524	5.524	0.52 [2]
			H17-002	0.000	0.123	0.08	0.687	4.710	0.50	0.637	8.147	0.72
7	Tyler to Ave 50	24	-	0.000	0.123	0.08	0.000	4.710	0.50	0.000	8.147	0.72
8	Avenue 50	24	I18-007	0.000	0.123	0.07	0.355	5.046	0.47	0.576	8.691	0.77
			I19-001	0.000	0.123	0.08	0.158	5.197	0.55	0.214	8.896	0.81
9	Polk Street	24	-	0.000	0.123	0.09	0.000	5.197	0.66	0.000	8.896	***1.00***

[1] Based on 100% KPCC loading at Tyler Street and Avenue 48, per City of Coachella 2015 Sewer Master Plan.

[2] Represents future sewer system to solely convey KPCC flows directly to Avenue 48 extended northeasterly from the All American Canal; would require bore and jack underneath All American Canal and Interstate 10. Includes approximately 50% of KPCC at Intermediate phase, and 100% at Yr 2040 phase.

Because this analysis is based on the phasing of off-site development flows, it considers the contributing flows from all proposed off-site development, including Vista Del Agua, that will impact the upper reaches of the ESTS. Based on the City's Sewer System Master Plan, the maximum allowed depth ratios ("d/D" = flow depth divided by diameter) used in this analysis are assumed to be sufficient to accommodate rainfall-dependent inflow and infiltration from wet weather.

As outlined in the tables, the City's analysis was performed for three timelines – "Existing", "Intermediate" and "Year 2040". The loaded flows from KPCC represent approximately 50 percent buildout at Intermediate, and 100 percent buildout at Year 2040. Revising the KPCC flow only impacts East-side Trunk Sewer (ESTS) Reaches 6 through 9 because the City's master plan assumed its flow into the East-side Trunk Sewer at Avenue 48. The analysis shows minimal change in the results as indicated by the depth ratios.

Alternative sewering concepts to the south (Option 2, and illustrated in Exhibit 5) are provided here and include sewering through planned roadways and proposed Caltrans rights-of-way through the proposed La Entrada development – (1) directly to Avenue 50 which would only impact Reach 9 of the ESTS through a new trunk sewer in Avenue 50, and/or (2) follow the current proposed trunk sewer system for La Entrada to the south to Avenue 52 which would bypass all reaches of the ESTS and flow directly to the Polk Street Pump Station. A connection at Avenue 50 would ultimately require upsizing of Reach 9 if 100 percent of KPCC development was served in this manner. Each alternative could serve as permanent sewer service for KPCC. However, these would not be available for near-term construction.

Interim KPCC Sewer Service for Area 1

Existing ESTS flows are minimal, and City operations staff currently divert the minor flows collected at Reach 4 adjacent to Avenue 48 through a temporary sewer crossing Highway 86. Staff has indicated that the diversion will remain in operation until flows warrant activation of the downstream 24-inch gravity system (Exhibit 7). Therefore, surplus capacity exists in all reaches of the ESTS, and should be considered for initial development of KPCC. This would utilize temporary pumping and force main discharge to gravity sewers that could ultimately be used for later phases of KPCC construction. This interim concept is presented in Section V and illustrated in Exhibit 6.

Area 1 (Subareas B-1, B-2, B-3, B-4 and B-7) average flows are estimated to be 160 gpm and would peak at approximately 320 gpm (0.713 cfs) based on the conservative peaking factor of 2.0 adopted for the KPCC Specific Plan (Table 2). **Table 9** summarizes the downstream flows and resulting depth ratios for each Reach of the ESTS if Area 1 flows were served by a connection at Vista Del Norte and fully developed coincident with "Intermediate" flows for the surrounding region proposed to be served by the ESTS, as analyzed in the City's Sewer Master Plan.

Table 9 - Off-site INTERIM Service for Area 1 at Vista Del Norte Under "Intermediate" Flow Conditions[1]

East-side Trunk Sewer Reach		Existing Sewer Dia (in)	Manhole	Inter-mediate Maximum Pipe Flow (cfs)[2]	KPCC Area 1 (cfs)	Total Dnstrm Q (cfs)	Slope[3]	Resulting d/D	Proposed Sewer Dia (in)	Proposed d/D
1	Avenue 46	15	H12-001	0.060	0.713	0.773	0.0034	0.31	-	0.31
2	Avenue 46	15	G12-012	0.230	0.000	0.943	0.0007	0.53	-	0.53
3	Dillon Road	12	G12-001 F13-018 F13-014	1.121	0.000	1.834	0.0034	***0.73***	***15***	***0.50***
4	Spur	12	F12-002 H14-010 F14-005	2.228	0.000	2.941	0.0021	***1.00***	***18***	***0.57***
5	Avenue 48	24	-	2.225	0.000	2.938	0.0011	0.43	-	0.43
6	Tyler Street	24	J15-010[2] H17-002	2.902	0.000	3.615	0.0007	0.56	-	0.56
7	Tyler to Ave 50	24	-	2.901	0.000	3.614	0.0013	0.47	-	0.47
8	Avenue 50	24	I18-007 I19-001	2.900	0.000	3.613	0.0009	0.53	-	0.53
9	Polk Street	24	-	3.531	0.000	4.244	0.0008	0.60	-	0.60

[1] City of Coachella 2015 Sewer Master Plan analyzed city-wide flows at "Existing", "Intermediate", and "Year 2040" buildout.
[2] Flows shown represent the maximum flows in each reach, excluding KPCC flows, as extracted from the City of Coachella 2015 InfoSewer hydraulic model (Akel Review No. 5, dated September 2023).
[3] Back-calculated from Akel Review No. 5, Table 1 (September 2023).

Table 9 shows that the 12-inch sewer constructed for Reach 3 and Reach 4 (Dillon Road and "Spur") will reach maximum capacity under this scenario which includes over 2.0 cfs of future off-site flows planned for these upper reaches of the ESTS.

Ultimate KPCC Sewer Service

This study confirms the findings of the City's analysis in its 2015 Sewer Master Plan that the majority of the 24-inch trunk sewer reaches in Tyler Street, Avenue 50 and Polk Street will require upsizing due to the anticipated KPCC service location at the intersection of Avenue 48 and Tyler Street. Option 1 service for 100 percent of KPCC flows introduced at Vista Del Norte has the greatest impact on the existing East-side Trunk Sewer, as summarized in **Table 10a.**

Table 10a - Off-site YEAR 2040 Sewer Analysis for 100% KPCC Service at Vista Del Norte[1]

East-side Trunk Sewer Reach		Existing Sewer Dia (in)	Manhole	Year 2040 Maximum Pipe Flow (cfs)[2]	KPCC (cfs)	Total Dnstrm Q (cfs)	Slope[3]	Resulting d/D	Proposed Sewer Dia (in)	Proposed d/D
1	Avenue 46	15	H12-001	0.071	6.408	6.473	0.0034	***1.00***	***21***	***0.62***
2	Avenue 46	15	G12-012	0.282	0.000	6.587	0.0007	***1.00***	***27[4]***	***0.68***
3	Dillon Road	12	G12-001 F13-018 F13-014	1.371	0.000	7.406	0.0034	***1.00***	***24***	***0.56***
4	Spur	12	F12-002 H14-010 F14-005	2.660	0.000	8.200	0.0021	***1.00***	***24***	***0.68***
5	Avenue 48	24	-	2.657	0.000	8.200	0.0011	***1.00***	***27***	***0.67***
6	Tyler Street	24	J15-010[2] H17-002	3.940	0.000	8.936	0.0007	***1.00***	***30***	***0.70***
7	Tyler to Ave 50	24	-	3.936	0.000	8.934	0.0013	***1.00***	***30***	***0.56***
8	Avenue 50	24	I18-007 I19-001	3.934	0.000	8.931	0.0009	***1.00***	***30***	***0.62***
9	Polk Street	24	-	5.227	0.000	9.550	0.0008	***1.00***	***30***	***0.68***

[1] City of Coachella 2015 Sewer Master Plan analyzed city-wide flows at "Existing", "Intermediate", and "Year 2040" buildout.
[2] Flows shown represent the maximum flows in each reach, excluding KPCC flows, as extracted from the City of Coachella 2015 InfoSewer hydraulic model (Akel Review No. 5, dated September 2023).
[3] Back-calculated from Akel Review No. 5, Table 1 (September 2023).
[4] Based on existing sewer slopes. New sewer construction may allow for greater slope and 24-inch sewer.

A combination of KPCC sewer service at Vista Del Norte (Option 1) and through the proposed La Entrada development (Option 2) would optimize existing capacities in the ESTS and minimize its upsizing needs. This combined service scenario was evaluated to determine percentage of KPCC flows that could be served by Option 1 at Vista Del Norte without upsizing the 24-inch sewers of the ESTS. **Table 10b** represents the results of this evaluation and shows that Reaches 2, 3 and 4 (Ave 46, Dillon Road, and Spur) should be upsized if capacities in the downstream 24-

inch sewer reaches are maximized. This was performed by back-calculating the maximum capacity of the most limiting 24-inch reach, which determined that approximately 2.693 cfs of peak flows could be added from the KPCC development. The most limiting 24-inch sewer is Reach 9 (Polk Street) due to its slope and service flow, and using a maximum allowed depth ratio of 75 percent this calculates to a maximum service flow of 5.835 cfs. It should be noted that this analysis assumes all limiting flows to the 24-inch downstream reaches are imposed on the KPCC development. Table 10b shows the resulting depth ratios of each reach and required upsizing for Reaches 2, 3 and 4.

Table 10b - Off-site YEAR 2040 Sewer Analysis - ESTS Impacts Minimized [1]

East-side Trunk Sewer Reach		Existing Sewer Dia (in)	Manhole	Year 2040 Maximum Pipe Flow (cfs)[2]	KPCC (cfs)	Total Dnstrm Q (cfs)	Slope[3]	Resulting d/D	Maximum Flow for Existing 24" [4]	Proposed Sewer Dia (in)	Proposed d/D
1	Avenue 46	15	H12-001	0.071	2.693	2.758	0.0034	0.64	***2.758***	-	-
2	Avenue 46	15	G12-012	0.282	0.000	2.872	0.0007	***1.00***	***2.872***	***21***	***0.61***
3	Dillon Road	12	G12-001 F13-018 F13-014	1.371	0.000	3.691	0.0034	***1.00***	***3.691***	***18***	***0.56***
4	Spur	12	F12-002 H14-010 F14-005	2.660	0.000	4.485	0.0021	***1.00***	***4.485***	***21***	***0.58***
5	Avenue 48	24	-	2.657	0.000	4.485	0.0011	0.56	***4.485***	24	-
6	Tyler Street	24	J15-010[2] H17-002	3.940	0.000	5.221	0.0007	0.73	***5.221***	24	-
7	Tyler to Ave 50	24	-	3.936	0.000	5.219	0.0013	0.58	***5.219***	24	-
8	Avenue 50	24	I18-007 I19-001	3.934	0.000	5.216	0.0009	0.68	***5.216***	24	-
9	Polk Street	24	-	5.227	0.000	5.835	0.0008	0.75	***5.835***	24	-

[1] Represents maximum KPCC sewer flows to Vista Del Norte for Option 1 without having to upsize 24-inch reaches of the East-side Trunk Sewer. Based on a maximum permitted d/D of 75%.

[2] Flows shown represent the maximum flows in each reach, excluding KPCC flows, as extracted from the City of Coachella 2015 InfoSewer hydraulic model (Akel Review No. 5, dated September 2023).

[3] Back-calculated from Akel Review No. 5, Table 1 (September 2023).

[4] Maximum flow is restricted by Reach 9; assumes all flow limitation is bourne by KPCC.

This illustrates that by maximizing the capacity of the downstream 24-inch reaches, KPCC could develop approximately 42 percent of its estimated total flows for service through Vista Del Norte before requiring either (1) upsizing the 24-inch Polk Street trunk sewer or (2) participating in the development of a new trunk sewer system to the south. Due to the conservative nature of the analysis performed here (accounting for minimal downstream flow attenuation from KPCC), it is estimated that 45 to 50 percent of KPCC ultimate flows could be developed before requiring either, or both, of the above two items. A combination of sewer service to Vista Del Norte and through planned sewers to the south would minimize on-site pumping and minimize impacts to the existing East-side Trunk Sewer.

VII. Concept Cost Estimates

Table 11a and **Table 11b** are concept cost estimates for engineering and construction of the on-site sewer system facilities analyzed for the KPCC Sewer System Study, and the required off-site regional facilities based on each option:

- Table 11a: Option 1 connection serving 100 percent of KPCC flows at Vista Del Norte
- Table 11b: Combination of Option 1 and Option 2 connections for optimizing existing service capacities of the East-side Trunk Sewer

Table 11a - Concept Cost Estimate - OPTION 1, Service from ESTS only

Item Description	Quantity	Unit	Unit Cost	Estimated Sewer System Cost		
				Total	Estimated KPCC Share	
On-site						
8" Sewer	31,020	lf	$ 125 /lf	$ 3,877,500	100%	$ 3,877,500
10" Sewer	16,100	lf	$ 156 /lf	2,515,625	100%	2,515,625
12" Sewer	7,200	lf	$ 188 /lf	1,350,000	100%	1,350,000
15" Sewer	8,800	lf	$ 219 /lf	1,925,000	100%	1,925,000
18" Sewer	11,000	lf	$ 250 /lf	2,750,000	100%	2,750,000
24" Sewer	8,500	lf	$ 313 /lf	2,656,250	100%	2,656,250
O-3 Lift Station	1	ea	$ 1,000,000 /ea	1,000,000	100%	1,000,000
16" Force Main	1,000	lf	$ 250 /lf	250,000	100%	250,000
O-2 Lift Station (intrm for Area 1)	1	ea	$ 500,000 /ea	500,000	100%	500,000
6" Force Main (intrm for Area 1)	5,000	lf	$ 125 /lf	625,000	100%	625,000
O-1 Lift Station (intrm for Area 7)[1]	1	ea	$ 500,000 /ea	500,000	100%	500,000
6" Force Main (intrm for Area 7)[1]	2,000	lf	$ 125 /lf	250,000	100%	250,000
12" Sewer in VDN (intrm for Area 1)	9,000	lf	$ 188 /lf	1,687,500	100%	1,687,500
Subtotal (On-site)						**$ 19,886,875**
Off-site (ESTS)						
ESTS Reach 1 upsize to 21"	1,100	lf	$ 281 /lf	$ 309,375	99%	$ 306,281
ESTS Reach 2 upsize to 24"	2,500	lf	$ 313 /lf	781,250	97%	757,813
ESTS Reach 3 upsize to 24"	3,800	lf	$ 313 /lf	1,187,500	87%	1,033,125
ESTS Reach 4 upsize to 24"	3,600	lf	$ 313 /lf	1,125,000	78%	877,500
ESTS Reach 5 upsize to 27"	3,000	lf	$ 344 /lf	1,031,250	78%	804,375
ESTS Reach 6 upsize to 30"	4,300	lf	$ 375 /lf	1,612,500	72%	1,161,000
ESTS Reach 7 upsize to 30"	1,700	lf	$ 375 /lf	637,500	72%	459,000
ESTS Reach 8 upsize to 30"	4,100	lf	$ 375 /lf	1,537,500	72%	1,107,000
ESTS Reach 9 upsize to 30"	4,550	lf	$ 375 /lf	1,706,250	67%	1,143,188
Polk Street Pump Station expansion	2.07	MGD	$ 1 /gpd	2,070,000	100%	2,070,000
Subtotal (Off-site)						**$ 9,719,281**
Total						**$ 29,606,156**

[1] Gravity system for Area 7 will flow through south end of Area 5 to a low point at east end of Area 1 and may require siphon or pumping through open space OS-7.

Table 11b - Concept Cost Estimate - OPTIONS 1 and 2, Service from ESTS and La Entrada System

Item Description	Quantity	Unit	Unit Cost	Estimated Sewer System Cost		
				Total	Estimated KPCC Share	
On-site						
8" Sewer	31,020	lf	$ 125 /lf	$ 3,877,500	100%	$ 3,877,500
10" Sewer	16,100	lf	$ 156 /lf	2,515,625	100%	2,515,625
12" Sewer	7,200	lf	$ 188 /lf	1,350,000	100%	1,350,000
15" Sewer	8,800	lf	$ 219 /lf	1,925,000	100%	1,925,000
18" Sewer	11,000	lf	$ 250 /lf	2,750,000	100%	2,750,000
24" Sewer	8,500	lf	$ 313 /lf	2,656,250	100%	2,656,250
O-3 Lift Station	1	ea	$ 1,000,000 /ea	1,000,000	100%	1,000,000
16" Force Main	1,000	lf	$ 250 /lf	250,000	100%	250,000
O-2 Lift Station (intrm for Area 1)	1	ea	$ 500,000 /ea	500,000	100%	500,000
6" Force Main (intrm for Area 1)	5,000	lf	$ 125 /lf	625,000	100%	625,000
O-1 Lift Station (intrm for Area 7)[1]	1	ea	$ 500,000 /ea	500,000	100%	500,000
6" Force Main (intrm for Area 7)[1]	2,000	lf	$ 125 /lf	250,000	100%	250,000
12" Sewer in VDN (interim service for Area 1)	9,000	lf	$ 188 /lf	1,687,500	100%	1,687,500
Subtotal (On-site)						**$ 19,886,875**
Off-site (ESTS) - OPTION 1 Connection						
ESTS Reach 1 upsize	1,100	lf	$ 250 /lf	-	-	-
ESTS Reach 2 upsize to 21"	2,500	lf	$ 344 /lf	859,375	94%	807,813
ESTS Reach 3 upsize to 21"	3,800	lf	$ 344 /lf	1,306,250	73%	953,563
ESTS Reach 4 upsize to 21"	3,600	lf	$ 344 /lf	1,237,500	60%	742,500
ESTS Reach 5 upsize	3,000	lf	$ 375 /lf	-	-	-
ESTS Reach 6 upsize	4,300	lf	$ 375 /lf	-	-	-
ESTS Reach 7 upsize	1,700	lf	$ 375 /lf	-	-	-
ESTS Reach 8 upsize	4,100	lf	$ 375 /lf	-	-	-
ESTS Reach 9 upsize	4,550	lf	$ 375 /lf	1,706,250 [2]	46% [2]	784,875 [2]
Off-site (thru La Entrada development) - OPTION 2 Connection						
La Entrada (to Ave 50), 18" [3]	12,000	lf	$ 250 /lf	3,000,000	100%	3,000,000
La Entrada (to Ave 52), 15"- 24" [4]	20,500	lf	$ 219 /lf	4,484,375	50%	2,242,188
Ave 52 (LE to Polk St PS), 30"	13,000	lf	$ 375 /lf	4,875,000	33%	1,624,998
Polk Street Pump Station expansion	2.07	MGD	$ 1 /gpd	2,070,000	100%	2,070,000
Subtotal (Off-site via Ave 50)						**$ 8,358,750**
Subtotal (Off-site via Ave 52)						**$ 8,441,061**

Total (using Ave 50)	**$ 28,245,625**
Total (using Ave 52)	**$ 28,327,936**

[1] Gravity system for Area 7 will flow through south end of Area 5 to a low point at east end of Area 1 and may require siphon or pumping through open space OS-7.

[2] Reach 9 upsizing costs would be required for off-site service thru La Entrada to Avenue 50 only.

[3] Assumed to be dedicated system for KPCC.

[4] Several reaches with different diameters are outline for La Entrada. KPCC share would vary depending on La Entrada flow in each reach. Each reach would require upsizing to serve approximately 50% of KPCC total flow.

VIII. Conclusion and Recommendations

It is recommended KPC Coachella develop a sewer system independent of other major development projects. As such, primary collection of on-site wastewater for 100 percent of KPCC should be based on flowing through Village A to the west and Vista Del Norte (Avenue 46). The current service flows and development status of the East-side Trunk Sewer (ESTS) system could accommodate the estimated flows from Area 1 (Hotel and mixed-use commercial) depending on construction phasing of other near-term projects. This would require interim facilities to pump Area 1 service flows to Vista Del Norte. Ultimately, Area 1 and the rest of KPCC development within Sewershed 1 could gravity flow through a future sewer crossing the I-10 freeway at, or adjacent to, the proposed freeway interchange. Service for future Areas 4, 5, 6 and 7 can be planned according to new off-site trunk sewers that may be available, i.e. within the proposed La Entrada development to the south in order to maximize the service capacity of the ESTS.

KPCC should plan for upgrading off-site ESTS Reaches 2, 3 and 4 (Ave 46, Dillon Road and "Spur") during development of Area 1 for sewer service to Area 1 and ensuing phases of construction. In the event that KPCC must develop 100 percent of its off-site sewer capacity needs at Avenue 46 (Vista Del Norte), all reaches of the ESTS will require upsizing at an estimated off-site sewer improvements cost to KPCC of approximately $9.7million. With the potential completion of a new off-site trunk sewer system to the south with KPCC participation, the estimated off-site construction costs to KPCC would be approximately $8.4million. The KPCC estimated on-site and off-site sewer construction costs are summarized below:

Service Concept	KPCC On-site	KPCC Off-site	Total
OPTION 1	$ 19,887,000	$ 9,719,000	$ 29,606,000
Combination OPTION 1 and OPTION 2 (Option 2 flow to Ave 50)	$ 19,887,000	$ 8,359,000	$ 28,246,000
Combination OPTION 1 and OPTION 2 (Option 2 flow to Ave 52	$ 19,887,000	$ 8,441,000	$ 28,328,000

It should be noted that these costs do not include sewer connection fees which will likely be imposed on merchant builders, nor do they include potential fees for treatment, disposal and water recycling that may be included as part of a developer's agreement with the City of Coachella.

As development progresses in the region, it would be more feasible for the KPCC project to utilize future collection systems that may become available to KPCC development due to (1) savings in on-site construction costs, and (2) potential reduction in on-site pumping needs. Therefore, it is recommended that the City monitor the development schedules of KPCC and the adjacent La Entrada development to the south, as the owners refine them from time to time, to optimize the expansion and operation of the sewer system for serving the region.

APPENDIX A – LAND USE AND WASTEWATER FLOW CALCULATIONS

Table A-1

KPC Coachella (Village A)

Planning Area	Land Use	Parcel Area (AC)	Density (DU/AC)	Dwelling Units (DU)	FAR	Square Footage (SF)
Residential						
A-1	Low Density Residential	32.00	5	160		
A-2	Very Low Density Residential	48.75	1	49		
A-4	Low Density Residential	24.46	5	122		
A-5	Medium Density Residential	51.03	10	510		
A-6	Very Low Density Residential	28.51	1	29		
A-7	Low Density Residential	99.96	5	500		
A-8	Medium Density Residential	22.96	10	230		
A-10	Medium Density Residential	24.21	10	242		
A-11	High Density Residential	16.74	25	419		
A-12	Very Low Density Residential	18.01	1	18		
	SubTotal	***366.63***		***2,278***		
Commercial						
	SubTotal	***0.00***		***0***		***0***
Open Space / Parks / Promenades						
OS-1	Parks, Greenways, and Amenity Centers	33.47				
OS-2	Parks, Greenways, and Amenity Centers	25.76				
OS-3	Parks, Greenways, and Amenity Centers	14.56				
OS-4	Parks, Greenways, and Amenity Centers	13.50				
OS-5	Parks, Greenways, and Amenity Centers	8.89				
	SubTotal	***96.18***				
Public Use						
A-3	Elementary School	15.62				
A-9	Elementary School	10.18				
	SubTotal	***25.80***				
	Village A Total	***488.61***		***2,278***		***0***

Table A-1

KPC Coachella (Village B)

Planning Area	Land Use	Parcel Area (AC)	Density (DU/AC)	Dwelling Units (DU)	FAR	Square Footage (SF)
Residential						
B-8	High Density Residential	50.58	25	1,265		
B-9	High Density Residential	12.36	25	309		
	SubTotal	***62.94***		***1,574***		
Commercial						
B-1	Mixed-Use	32.06	10	106	0.25	233,919
B-2	Hotel Entertainment Center	27.13		- [2]		175,000
B-3	Mixed-Use	29.16	10	96	0.25	212,760
B-4	Mixed-Use	30.77	10	102	0.25	224,507
B-5	Mixed-Use	71.46	10	236	0.25	521,394
B-6A	Mixed-Use	31.88	10	105	0.25	232,606
B-6B	Mixed-Use (NAP)	35.32	10	117	0.25	257,705
B-7	Mixed-Use	13.53	10	45	0.25	98,719
	SubTotal [1] ***=***	***271.31***		***806***		***1,956,611***
Open Space / Parks / Promenades						
OS-6	Parks, Greenways, and Amenity Centers	52.05				
OS-7	Parks, Greenways, and Amenity Centers	37.82				
OS-8A	Parks, Greenways, and Amenity Centers	16.88				
OS-8B	Parks, Greenways, and Amenity Centers (NAP)	1.91				
OS-8C	Parks, Greenways, and Amenity Centers (NAP)	0.47				
OS-9A	Parks, Greenways, and Amenity Centers (NAP)	8.45				
OS-9B	Parks, Greenways, and Amenity Centers	4.06				
OS-9C	Parks, Greenways, and Amenity Centers (NAP)	1.50				
OS-10	Parks, Greenways, and Amenity Centers	4.87				
	SubTotal	***128.01***				
	Village B Total	***462.26***		***2,379***		***1,956,611***

Table A-1

KPC Coachella (Village C)						
Planning Area	Land Use	Parcel Area (AC)	Density (DU/AC)	Dwelling Units (DU)	FAR	Square Footage (SF)
Residential						
C-2A	Medium Density Residential	23.38	10	234		
C-2B	Medium Density Residential (NAP)	8.72	10	87		
C-3	Low Density Residential	22.37	5	112		
C-5	Medium Density Residential	7.81	10	78		
C-7	Medium Density Residential	49.98	10	500		
	SubTotal [1]	***112.26***		***1,011***		
Commercial						
C-4	Mixed-Use	5.04	10	17	0.25	36,773
C-1	Entertainment Venue	23.38		0		
	SubTotal	***28.42***		***17***		***36,773***
Open Space / Parks / Promenades						
OS-11A	Parks, Greenways, and Amenity Centers	48.26				
OS-11B	Parks, Greenways, and Amenity Centers (NAP)	3.76				
OS-12	Parks, Greenways, and Amenity Centers	10.53				
OS-13	Parks, Greenways, and Amenity Centers	34.69				
	SubTotal [1]	***97.24***				
Public Use						
C-6	Middle School	32.60				
	SubTotal	***32.60***				
	Village C Total	***270.52***		***1,027***		***36,773***

Table A-1

KPC Coachella (Village D)						
Planning Area	Land Use	Parcel Area (AC)	Density (DU/AC)	Dwelling Units (DU)	FAR	Square Footage (SF)
Residential						
D-1	Low Density Residential	56.92	5	285		
D-2	Medium Density Residential	54.38	10	544		
D-3	Medium Density Residential	36.23	10	362		
D-4	Medium Density Residential	43.21	10	432		
D-5	High Density Residential	22.00	25	550		
D-6	Medium Density Residential	25.34	10	253		
D-7	Low Density Residential	49.45	5	247		
	SubTotal	***287.53***		***2,673***		
Commercial						
D-8	Mixed-Use	6.46	10	21	0.25	47,134
	SubTotal	***6.46***	***Total SF =***	***21***		***47,134***
Open Space / Parks / Promenades						
OS-14	Parks, Greenways, and Amenity Centers	42.12				
OS-15	Parks, Greenways, and Amenity Centers	14.73				
	SubTotal	***56.85***				
	Village D Total	***350.84***		***2,695***		***47,134***

KPC Coachella (Village E)						
Planning Area	Land Use	Parcel Area (AC)	Density (DU/AC)	Dwelling Units (DU)	FAR	Square Footage (SF)
Residential						
E-1	Medium Density Residential	31.24	10	312		
E-2	Low Density Residential	38.95	5	195		
E-4	Very Low Density Residential	35.03	1	35		
E-5	Very Low Density Residential	22.06	1	22		
E-6	Medium Density Residential	40.24	10	402		
E-7	Low Density Residential	38.03	5	190		
	SubTotal	***205.55***	***Total Units =***	***1,157***		
Commercial						
		0.00		0		
		0.00		0		
	SubTotal	***0.00***	***Total SF =***	***0***		***0***
Open Space / Parks / Promenades						
OS-16	New Agricultural Production	42.62				
OS-20	New Agricultural Production	25.80				
OS-21	Parks, Greenways, and Amenity Centers	17.02				
	SubTotal	***85.44***				
Public Use						
E-3	Elementary School	12.38				
	SubTotal	***12.38***				
	Village E Total	***303.37***		***1,157***		***0***

Table A-1

KPC Coachella (Drainage and Other Open Space)	
Planning Area	Parcel Area (AC)
DR-1	99.50
DR-2	93.30
DR-4	2.00
DR-5A	166.84
DR-5B	4.70
DR-5C	222.48
DR-6	4.34
DR-7	5.05
DR-8A	37.57
DR-8B	
DR-8C	
DR-9A	15.00
DR-9B	25.86
DR-9C	20.08
DR-10	56.85
SubTotal	**723.01**
NAP	30.56
Total	**753.57**

[1] includes NAP (not-a-part)

[2] Village B: includes 375 hotel rooms

Table A-2

KPC Coachella - Estimated Sewer Flows using Flow Factors from 2015 Coachella SMP

Village A Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Flow Factor (gpd/Acre)[3]	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Peak Flow (gpm) [4] ***Sept 2022***
Very Low Density Residential	95.27	96	300	28,581	20	
Low Density Residential	156.42	782	1000	156,420	109	
Medium Density Residential	98.20	982	1800	176,760	123	
High Density Residential	16.74	419	2400	40,176	28	
Commercial (Mixed Use)						
residential [2]	0.00	0	2400	0	0	
commercial [2]	0.00	-	600	0	0	
Open Space / Parks	96.18	-	0	0	0	
Schools	25.80	-	1600	41,280	29	
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)		-	-	-	-	
Total	488.61	2,279	-	443,217	308	616

[1] Based on land uses by Village provided by Kimley-Horn Dec. 2018.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2015 Sewer Master Plan, Table 4-4.

[4] Peaking factor by Village is 2.0, as calculated from Table 4-3 of 2015 Coachella Sewer Master Plan.

Village B Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Flow Factor (gpd/Acre)[3]	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Peak Flow (gpm) [4] ***Sept 2022***
Very Low Density Residential	0.00	0	300	0	0	
Low Density Residential	0.00	0	1000	0	0	
Medium Density Residential	0.00	0	1800	0	0	
High Density Residential	62.94	1,574	2400	151,056	105	
Commercial (Mixed Use)						
residential [2]	195.34	807	2400	468,826	326	
commercial [2]	48.84	0	600	29,302	20	
Commercial (Hotel & Entrtnmnt)	27.13	-	600	16,278	11	
Open Space / Parks	128.01	-	0	0	0	
Schools	0.00	-	1600	0	0	
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)		-	-	-	-	
Total	462.26	2,381	-	665,461	462	924

[1] Based on land uses by Village provided by Kimley-Horn Dec. 2018.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2015 Sewer Master Plan, Table 4-4.

[4] Peaking factor by Village is 2.0, as calculated from Table 4-3 of 2015 Coachella Sewer Master Plan.

Table A-2

KPC Coachella - Estimated Sewer Flows using Flow Factors from 2015 Coachella SMP

Village C Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Flow Factor (gpd/Acre)[3]	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Peak Flow (gpm) [4] ***Sept 2022***
Very Low Density Residential	0.00	0	300	0	0	
Low Density Residential	22.37	112	1000	22,370	16	
Medium Density Residential	89.89	899	1800	161,802	112	
High Density Residential	0.00	0	2400	0	0	
Commercial (Mixed Use)						
residential [2]	4.03	17	2400	9,676.8	7	
commercial [2]	1.01	-	600	604.8	0	
Commercial (Hotel & Entrtnmt)	23.38	-	600	14,028.0	10	
Open Space / Parks	97.24	-	0	0.0	0	
Schools	32.60	-	1600	52,160.0	36	
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)		-	-	-	-	
Total	270.52	1,028	-	260,641.6	181	362

[1] Based on land uses by Village provided by Kimley-Horn Dec. 2018.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2015 Sewer Master Plan, Table 4-4.

[4] Peaking factor by Village is 2.0, as calculated from Table 4-3 of 2015 Coachella Sewer Master Plan.

Village D Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Flow Factor (gpd/Acre)[3]	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Peak Flow (gpm) [4] ***Sept 2022***
Very Low Density Residential	0.00	0	300	0	0	
Low Density Residential	106.37	1,076	1000	106,370	74	
Medium Density Residential	159.16	1,047	1800	286,488	199	
High Density Residential	22.00	550	2400	52,800	37	
Commercial (Mixed Use)						
residential [2]	5.17	21	2400	12,403	9	
commercial [2]	1.29	-	600	775	1	
Open Space / Parks	56.85	-	0	0	0	
Schools	0.00	-	1600	0	0	
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)		-	-	-	-	
Total	350.84	2,694	-	458,836.4	319	637

[1] Based on land uses by Village provided by Kimley-Horn Dec. 2018.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2015 Sewer Master Plan, Table 4-4.

[4] Peaking factor by Village is 2.0, as calculated from Table 4-3 of 2015 Coachella Sewer Master Plan.

Table A-2

KPC Coachella - Estimated Sewer Flows using Flow Factors from 2015 Coachella SMP

Village E Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Flow Factor (gpd/Acre)[3]	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Peak Flow (gpm) [4] ***Sept 2022***
Very Low Density Residential	57.09	247	300	17,127	12	
Low Density Residential	76.98	195	1000	76,980	53	
Medium Density Residential	71.48	714	1800	128,664	89	
High Density Residential	0.00	0	2400	0	0	
Commercial (Mixed Use)						
residential [2]	0.00	0	2400	0	0	
commercial [2]	0.00	-	600	0	0	
Open Space / Parks / Ag	85.44	-	0	0	0	
Schools	12.38	-	1600	19,808	14	
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)			-	-	-	
Total	303.37	1,156	-	242,579	168	337

[1] Based on land uses by Village provided by Kimley-Horn Dec. 2018.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2015 Sewer Master Plan, Table 4-4.

[4] Peaking factor by Village is 2.0, as calculated from Table 4-3 of 2015 Coachella Sewer Master Plan.

Table A-3 - SEWER FLOW BY PLANNING AREA

KPC Coachella (Village A)

Planning Area	Land Use	Parcel Area (AC) ***Sept 2022***	Density (DU/AC)	Dwelling Units (DU) ***Sept 2022***	FAR	Square Ftg (SF)	Average Flow - gpm ***Sept 2022***
Residential							
A-1	Low Density Residential	32	5	160			22
A-2	Very Low Density Residential	48.75	1	49			10
A-3	Medium Density Residential	0	10	0			0
A-4	Low Density Residential	24.46	5	122			17
A-5	Medium Density Residential	51.03	10	510			64
A-6	Very Low Density Residential	28.51	1	29			6
A-7	Low Density Residential	99.96	5	500			69
A-8	Medium Density Residential	22.96	10	230			29
A-10	Medium Density Residential	24.21	10	242			30
A-11	High Density Residential	16.74		419			28
A-12	Very Low Density Residential	18.01	1	18			4
	SubTotal	***366.63***	***SubTotal***	***2,279***			***279***
Commercial							
A-9	Mixed-Use	0.00	10	0	0.25	59,830	0
	SubTotal	***0.00***	***SubTotal***	***0***		***59,830***	***0***
Open Space / Parks / Promenades							
OS-1	Parks, Greenways, and Amenity Centers	33.47					
OS-2	Parks, Greenways, and Amenity Centers	25.76					
OS-3	Parks, Greenways, and Amenity Centers	14.56					
OS-4	Parks, Greenways, and Amenity Centers	13.50					
OS-5	Parks, Greenways, and Amenity Centers	8.89					
	SubTotal	***96.18***					
Public Use							
A-3		15.62					
A-9		10.18					
A-11	Elementary School	0.00					***29***
	SubTotal	***25.80***					
	Village A Totals	***488.61***		***2,279***			***308***

Table A-3 - SEWER FLOW BY PLANNING AREA

KPC Coachella (Village B)

Planning Area	Land Use	Parcel Area (AC) ***Sept 2022***	Density (DU/AC)	Dwelling Units (DU) ***Sept 2022***	FAR	Square Ftg (SF)	Average Flow - gpm ***Sept 2022***
Residential							
B-3	Medium Density Residential	0.00	10	0			0
B-5	Medium Density Residential	0.00	10	0			0
B-6	Medium Density Residential	0.00	10	0			0
B-7	High Density Residential	0.00	25	0			0
B-8	High Density Residential	50.58	25	1265			84
B-9	High Density Residential	12.36	25	309			21
	SubTotal	***62.94***	***SubTotal***	***1,574***			***105***
Commercial							
B-1	Mixed-Use	32.06	10	106	0.25	260,770	45
B-2	Hotel & Entertainment Center	27.13		0		140,000	11
B-3	Mixed-Use	29.16		96			41
B-4	Mixed-Use	30.77	10	102	0.25	501,912	44
B-5	Mixed-Use	71.46		236			101
B-6A	Mixed-Use	31.88		105			45
B-6B	Mixed-Use (NAP)	35.32		117			50
B-7	Mixed-Use	13.53		45			19
	SubTotal	***271.31***	***SubTotal***	***807***		***902,682***	***357***
Open Space / Parks / Promenades							
OS-6	Parks, Greenways, and Amenity Centers	52.05					
OS-7	Parks, Greenways, and Amenity Centers	37.82					
OS-8A	Parks, Greenways, and Amenity Centers	16.88					
OS-8B	Parks, Greenways, and Amenity Centers (NAP)	1.91					
OS-8C	Parks, Greenways, and Amenity Centers (NAP)	0.47					
OS-9A	Parks, Greenways, and Amenity Centers (NAP)	8.45					
OS-9B	Parks, Greenways, and Amenity Centers	4.06					
OS-9C	Parks, Greenways, and Amenity Centers	1.50					
OS-10	Parks, Greenways, and Amenity Centers	4.87					
	SubTotal	***128.01***					
	Village B Totals	***462.26***		***2,381***			***462***

Table A-3 - SEWER FLOW BY PLANNING AREA

KPC Coachella (Village C)

Planning Area	Land Use	Parcel Area (AC) *Sept 2022*	Density (DU/AC)	Dwelling Units (DU) *Sept 2022*	FAR	Square Ftg (SF)	Average Flow - gpm *Sept 2022*
Residential							
C-2A	Medium Density Residential	23.38	10	234			29
C-2B	Medium Density Residential	8.72		87			11
C-3	Low Density Residential	22.37	5	112			16
C-4	Low Density Residential	0.00	5	0			0
C-5	Medium Density Residential	7.81		78			10
C-6	Low Density Residential	0.00	5	0			0
C-7	Medium Density Residential	49.98		500			62
	SubTotal	***112.26***	***SubTotal***	***1,011***			***128***
Commercial							
C-1	Entertainment Venue	23.38					10
C-4	Mixed-Use	5.04	10	17	0.25	39,400	7
	SubTotal	***28.42***	***SubTotal***	***17***		***39,400***	***17***
Open Space / Parks / Promenades							
OS-11A	Parks, Greenways, and Amenity Centers	48.3					
OS-11A	Parks, Greenways, and Amenity Centers (NAP)	3.8					
OS-12	Parks, Greenways, and Amenity Centers	10.5					
OS-13	Parks, Greenways, and Amenity Centers	34.7					
	SubTotal	***97.24***					
Public Use							
C-5	Middle School	32.60					36
C-6	Elementary School	0.00					
	SubTotal	***32.60***					***36***
	Village C Totals	***270.52***		***1,028***			***181***

KPC Coachella (Village D)

Planning Area	Land Use	Parcel Area (AC) *Sept 2022*	Density (DU/AC)	Dwelling Units (DU) *Sept 2022*	FAR	Square Ftg (SF)	Average Flow - gpm *Sept 2022*
Residential							
D-1	Low Density Residential	56.92	5	285			26
D-2	Medium Density Residential	54.38	10	544			25
D-3	Medium Density Residential	36.23	10	362			69
D-4	Medium Density Residential	43.21	10	432			82
D-5	High Density Residential	22.00	25	550			37
D-6	Medium Density Residential	25.34	10	253			48
D-7	Low Density Residential	49.45	5	247			23
	SubTotal	***287.53***	***SubTotal***	***2,673***		***0***	***309***
Commercial							
D-8	Mixed-Use	6.46	10	21	0.25	36,482	9
	SubTotal	***6.46***	***SubTotal***	***21***		***36,482***	***9***
Open Space / Parks / Promenades							
OS-14	Parks, Greenways, and Amenity Centers	42.12					
OS-15	Parks, Greenways, and Amenity Centers	14.73					
	SubTotal	***56.85***					
	Village D Totals	***350.84***		***2,694***			***319***

Table A-3 - SEWER FLOW BY PLANNING AREA

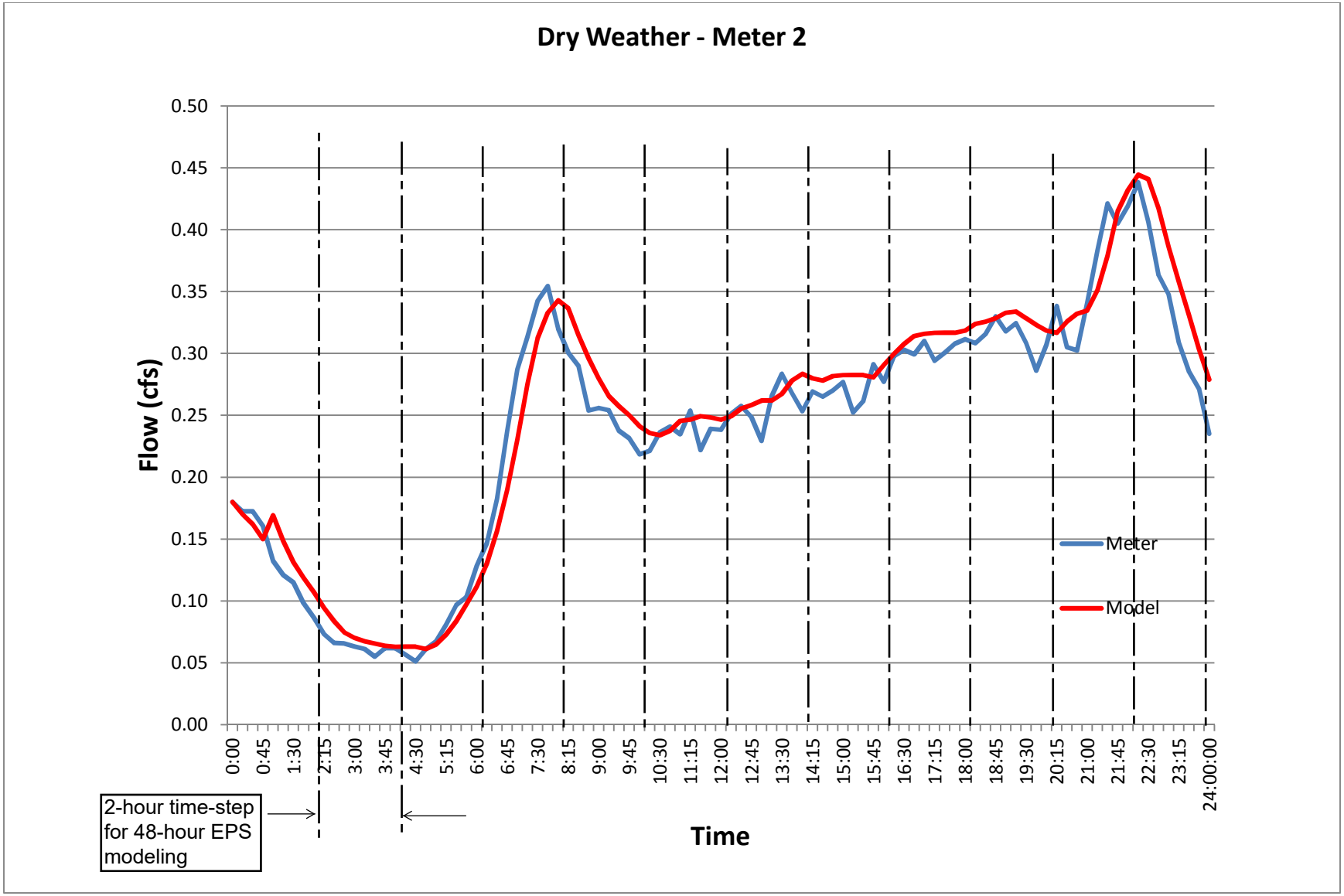
KPC Coachella (Village E)

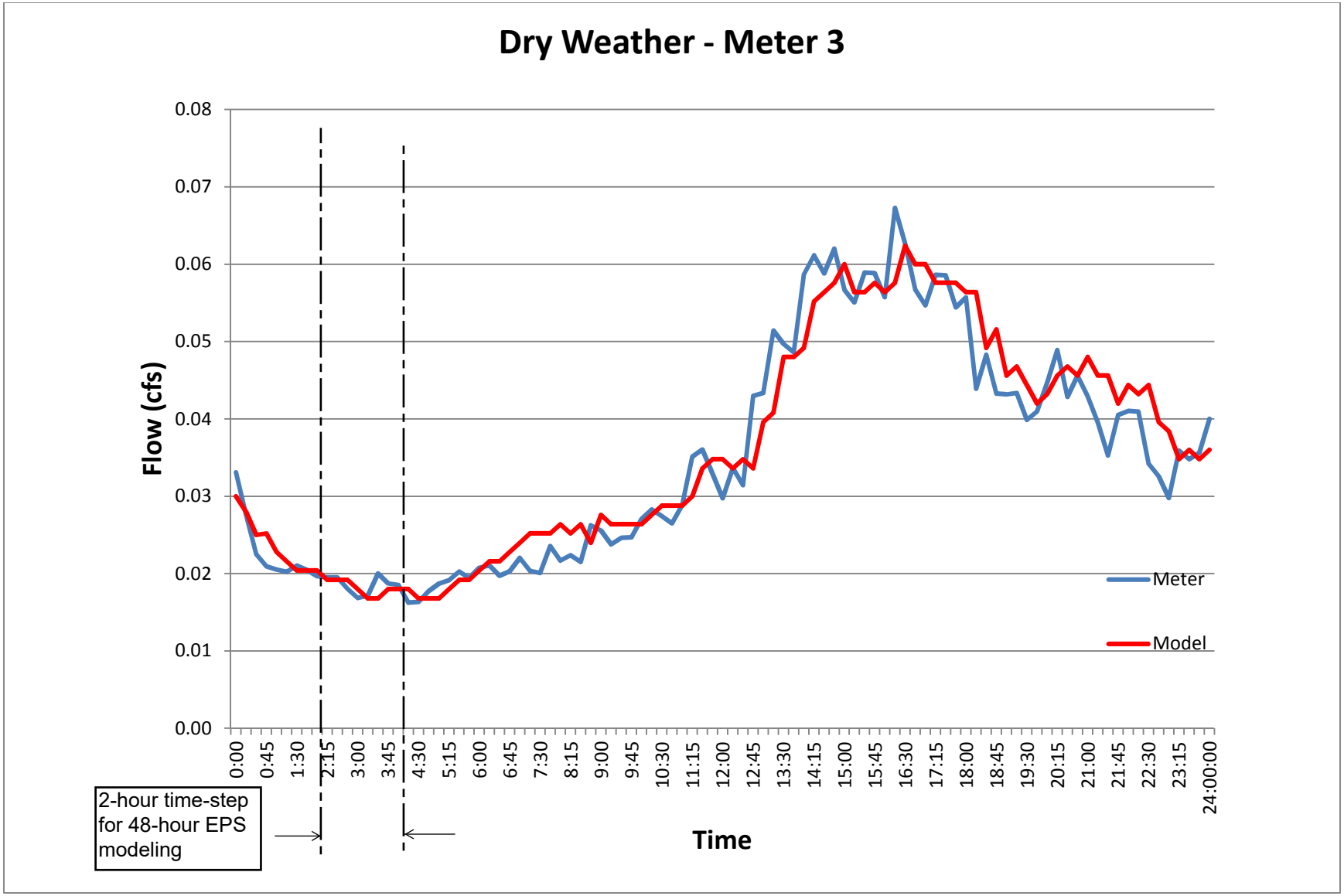
Planning Area	Land Use	Parcel Area (AC) ***Sept 2022***	Density (DU/AC)	Dwelling Units (DU) ***Sept 2022***	FAR	Square Ftg (SF)	Average Flow - gpm ***Sept 2022***
Residential							
E-1	Medium Density Residential	31.24		312			39
E-2	Low Density Residential	38.95		195			53
E-3	Very Low Density Residential	0.00	1	0			0
E-4	Very Low Density Residential	35.03	1	35			4
E-5	Very Low Density Residential	22.06	1	22			3
E-6	Medium Density Residential	40.24	10	402			50
E-7	Very Low Density Residential	38.03	1	190			5
	SubTotal	***205.55***	***SubTotal***	***1,156***			***155***
Commercial							
E-1	Mixed-Use	0.00	10	0	0.25	93,976	0
	SubTotal	***0.00***	***SubTotal***	***0***		***93,976***	***0***
Open Space / Parks / Promenades							
OS-16	New Agricultural Production	42.62					
OS-17	New Agricultural Production	0.00					
OS-18	New Agricultural Production	0.00					
OS-19	New Agricultural Production	0.00					
OS-20	New Agricultural Production	25.80					
OS-21	Parks, Greenways, and Amenity Centers	17.02					
	SubTotal	***85.44***					
Public Use							
E-3	Elementary School	12.38					14
	SubTotal	***12.38***					***14***
	Village E Totals	***303.37***		***1,156***			***168***

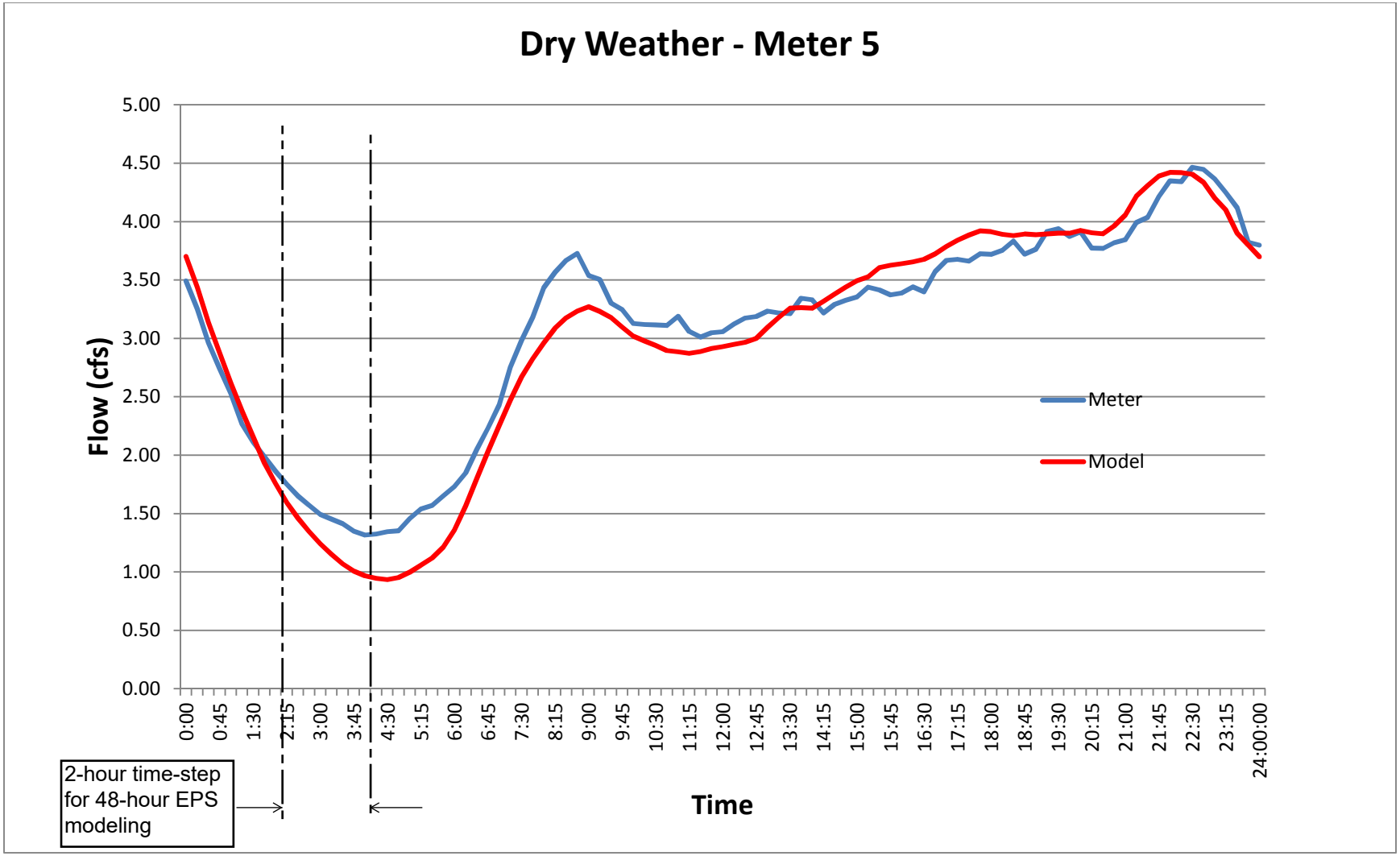
Village E Total

KPCC Totals	**9,538**	**1,438**

APPENDIX B – CITY METERING GRAPHS (2015 COACHELLA SMP)

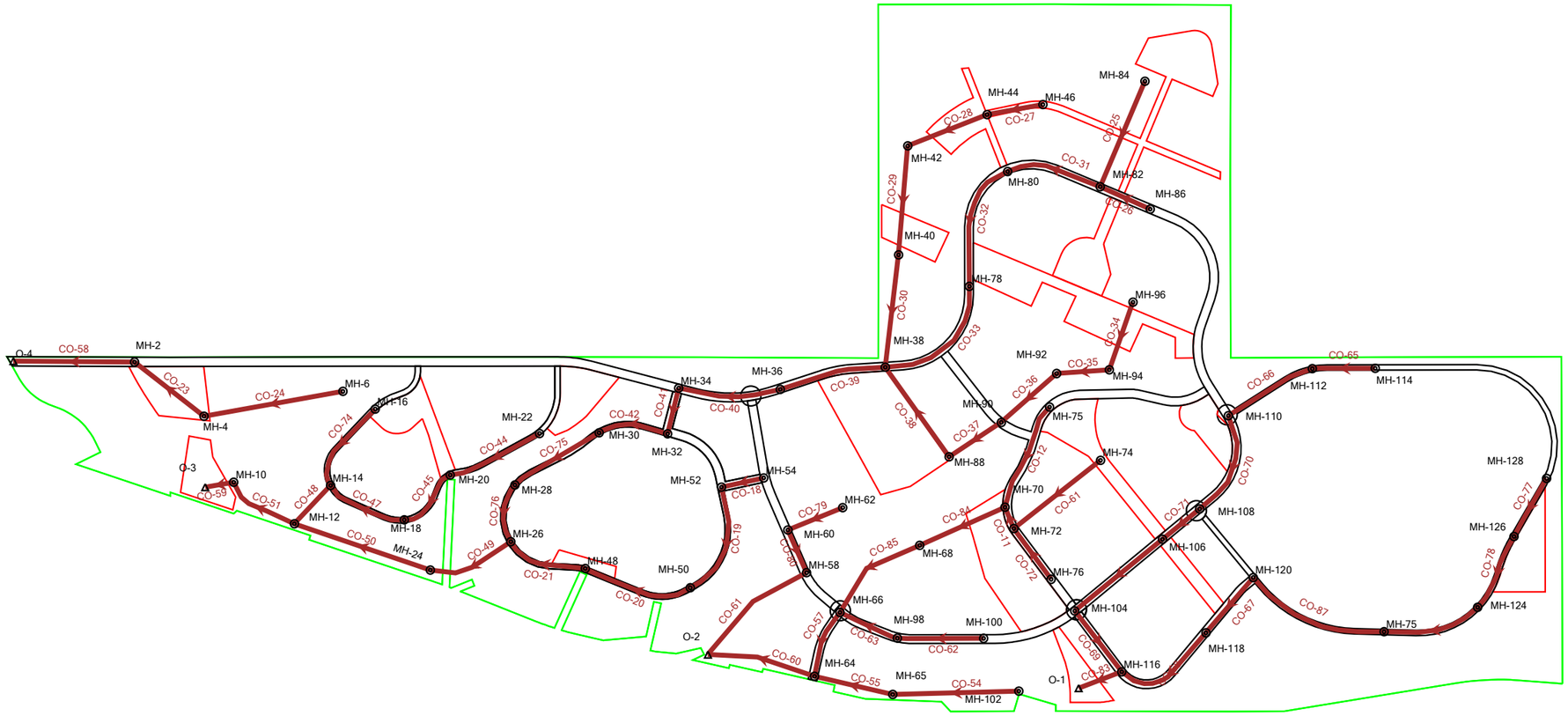

Dry Weather - Meter 2
Flow (cfs)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0:00
0:45
1:30
2:15
3:00
3:45
4:30
5:15
6:00
6:45
7:30
8:15
9:00
9:45
10:30
11:15
12:00
12:45
13:30
14:15
15:00
15:45
16:30
17:15
18:00
18:45
19:30
20:15
21:00
21:45
22:30
23:15
24:00:00
Time
Meter
Model
2-hour time-step for 48-hour EPS modeling

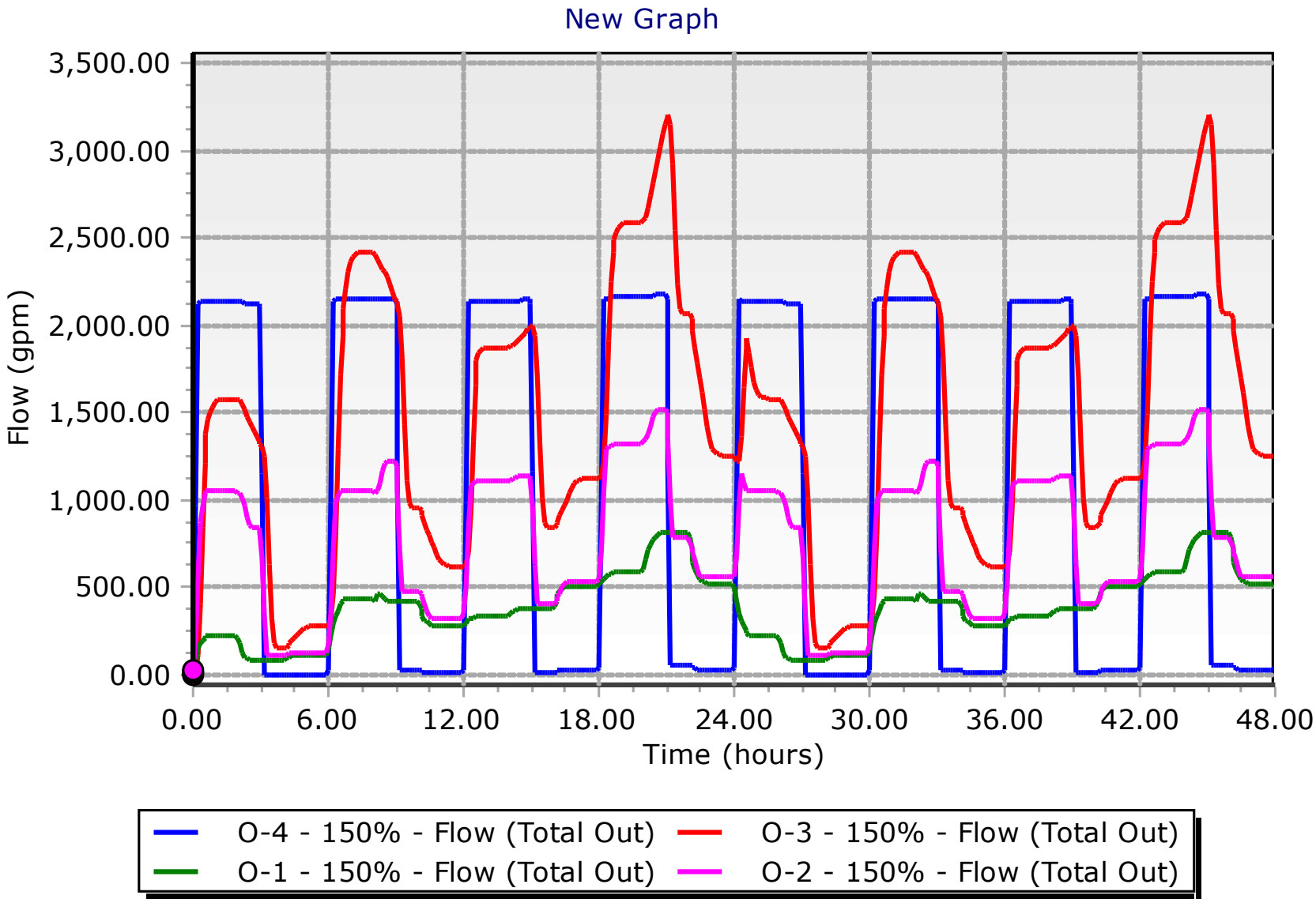

Dry Weather - Meter 3
Flow (cfs)
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0:00
0:45
1:30
2:15
3:00
3:45
4:30
5:15
6:00
6:45
7:30
8:15
9:00
9:45
10:30
11:15
12:00
12:45
13:30
14:15
15:00
15:45
16:30
17:15
18:00
18:45
19:30
20:15
21:00
21:45
22:30
23:15
24:00:00
Time
Meter
Model
2-hour time-step for 48-hour EPS modeling

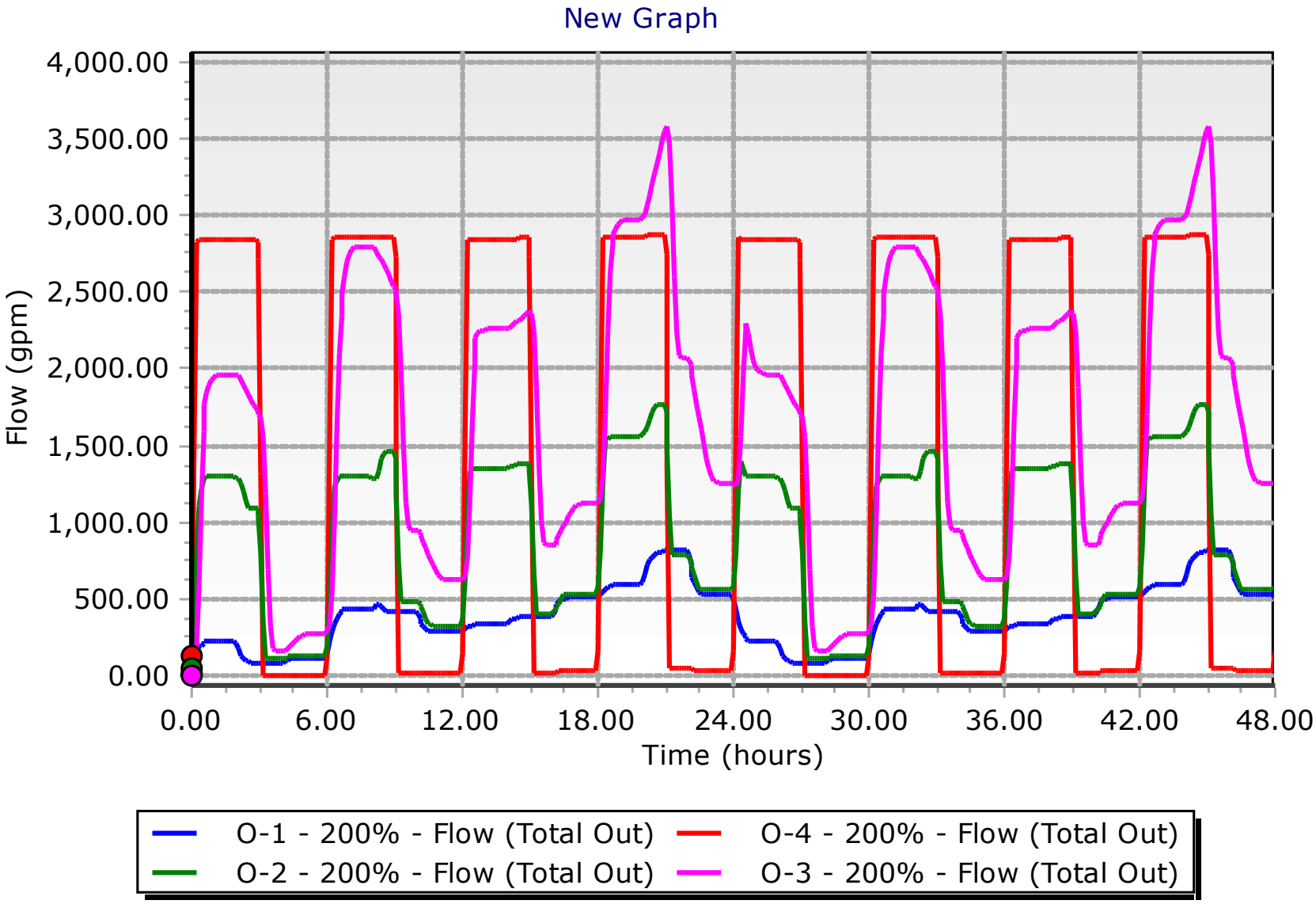

Dry Weather - Meter 5
Flow (cfs)
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
0:00
0:45
1:30
2:15
3:00
3:45
4:30
5:15
6:00
6:45
7:30
8:15
9:00
9:45
10:30
11:15
12:00
12:45
13:30
14:15
15:00
15:45
16:30
17:15
18:00
18:45
19:30
20:15
21:00
21:45
22:30
23:15
24:00:00
Time
Meter
Model
2-hour time-step for 48-hour EPS modeling

APPENDIX C – COMPUTER MODEL RESULTS (upon request)

Scenario: Base




New Graph
3,500.00
3,000.00
2,500.00
2,000.00
1,500.00
1,000.00
500.00
0.00
Flow (gpm)
0.00
6.00
12.00
18.00
24.00
30.00
36.00
42.00
48.00
Time (hours)
O-4 - 150% - Flow (Total Out)
O-3 - 150% - Flow (Total Out)
O-1 - 150% - Flow (Total Out)
O-2 - 150% - Flow (Total Out)


New Graph
4,000.00
3,500.00
3,000.00
2,500.00
2,000.00
1,500.00
1,000.00
500.00
0.00
Flow (gpm)
0.00
6.00
12.00
18.00
24.00
30.00
36.00
42.00
48.00
Time (hours)
O-1 - 200% - Flow (Total Out)
O-4 - 200% - Flow (Total Out)
O-2 - 200% - Flow (Total Out)
O-3 - 200% - Flow (Total Out)

Conduit Tables - Pumping @ 150% of Average Inflow

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	106.16	21.000	2.19	4.52	0.17	15.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	3.45	21.000	0.92	1.54	0.03	4.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	4.96	0.17	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	18.73	21.000	1.38	2.57	0.07	6.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	4.12	0.12	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,162.40	20.000	3.84	6.65	0.51	27.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	867.49	20.000	3.52	8.26	0.40	19.0	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	395.72	20.000	2.82	6.39	0.27	13.2	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	181.92	20.000	2.08	2.29	0.24	16.7	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,124.00	20.000	4.01	4.28	0.78	40.2	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	1.31	0.11	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	1.16	0.11	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	2.44	0.07	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	5.22	21.000	1.02	0.45	0.07	5.3	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	16.00	21.000	1.37	0.83	0.10	10.2	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	36.00	21.000	1.64	2.02	0.11	12.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	35.60	21.000	1.59	1.37	0.12	7.5	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	43.49	21.000	1.67	2.41	0.11	9.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	0.00	22.000	0.00	0.00	0.02	(N/A)	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	2.58	0.06	7.0	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	3.22	21.000	0.90	0.24	0.07	4.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	19.51	21.000	1.44	1.21	0.10	9.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	24.86	21.000	1.54	1.25	0.11	10.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	25.53	21.000	1.13	1.50	0.11	14.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	4.00	21.000	0.89	0.30	0.05	2.2	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	16.94	21.000	1.28	2.23	0.06	4.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	7.32	21.000	0.99	0.57	0.06	4.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	17.72	21.000	1.26	0.88	0.08	3.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	3.41	0.09	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	5.52	21.000	1.04	0.76	0.06	5.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	8.35	21.000	1.15	1.17	0.06	9.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	0.00	22.000	0.00	0.00	0.02	(N/A)	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	28.39	21.000	1.36	2.87	0.07	2.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	21.53	21.000	1.26	1.62	0.07	3.2	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	4.83	21.000	0.86	1.00	0.03	1.6	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	745.20	20.000	3.51	6.67	0.42	25.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	122.44	20.000	2.12	3.12	0.18	12.4	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	10.48	21.000	0.99	0.38	0.10	6.9	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	39.88	20.000	1.48	2.98	0.08	3.2	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2.47	21.000	0.72	1.38	0.02	0.8	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	58.74	21.000	1.70	3.37	0.11	5.6	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	0.00	21.000	0.00	0.00	0.00	(N/A)	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	3.29	0.10	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	1.42	21.000	0.71	0.15	0.05	2.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	1.55	0.03	3.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	0.00	21.000	0.00	0.00	0.03	(N/A)	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	17.40	21.000	1.32	0.73	0.10	5.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	38.97	21.000	1.62	3.17	0.10	7.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	21.92	21.000	1.44	1.34	0.10	10.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	10.80	21.000	1.24	1.03	0.07	8.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	15.60	21.000	1.31	0.32	0.14	6.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	1.87	0.16	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.00	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	28.49	21.000	1.42	1.18	0.10	3.6	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	36.61	21.000	1.51	3.06	0.08	4.3	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.14	0.06	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	20.00	21.000	1.45	2.13	0.08	11.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	2.13	0.04	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	1.64	21.000	0.69	0.76	0.03	4.3	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	26.55	21.000	1.47	3.44	0.08	5.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	15.96	21.000	1.29	0.64	0.10	5.5	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	40.85	21.000	1.64	2.83	0.10	8.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	0.09	21.000	0.37	0.01	0.04	0.6	31.9

Current Time: 1.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	130.95	21.000	2.33	4.81	0.19	16.8	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	25.20	21.000	1.54	2.78	0.09	10.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	1.85	0.24	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	153.99	21.000	2.43	2.14	0.27	18.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	0.80	0.22	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,162.40	20.000	3.84	3.74	0.62	27.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,207.18	20.000	3.88	3.84	0.62	22.4	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,227.87	20.000	3.90	3.58	0.65	23.0	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,229.47	20.000	3.58	3.75	0.66	44.7	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,132.79	20.000	4.01	4.28	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	0.77	0.13	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	0.68	0.13	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	2.44	0.07	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	14.00	21.000	1.32	0.75	0.10	8.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	30.00	21.000	1.62	1.00	0.14	13.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	66.00	21.000	1.92	0.89	0.22	16.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	74.20	21.000	1.93	1.47	0.18	10.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	107.60	21.000	2.13	3.16	0.18	15.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	107.60	22.000	2.13	1.30	0.24	13.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	2.58	0.06	7.0	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 1.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	12.40	21.000	1.29	0.65	0.10	8.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	31.00	21.000	1.63	1.16	0.14	11.9	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	49.60	21.000	1.85	1.34	0.17	14.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	62.00	21.000	1.47	0.84	0.24	22.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	239.35	21.000	2.54	2.43	0.29	15.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	254.79	21.000	2.58	5.07	0.24	14.7	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	254.54	21.000	2.58	2.87	0.28	21.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	268.00	21.000	2.53	2.41	0.29	13.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	3.41	0.09	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	25.60	21.000	1.55	1.30	0.12	11.4	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	32.40	21.000	1.65	1.75	0.12	17.5	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	32.40	22.000	1.55	0.13	0.38	6.9	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,537.83	21.000	3.89	3.89	0.65	17.1	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,539.31	21.000	3.89	3.84	0.65	24.2	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,568.78	21.000	3.91	5.75	0.58	24.8	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	745.20	20.000	3.51	6.67	0.42	25.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	745.20	20.000	3.51	3.00	0.54	30.3	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	281.32	21.000	2.62	1.34	0.46	34.4	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,132.79	20.000	4.28	9.88	0.59	21.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,562.12	21.000	3.91	9.71	0.50	17.1	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,044.52	21.000	3.72	8.01	0.45	22.1	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	6.40	21.000	1.08	1.55	0.05	6.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	3.29	0.10	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	37.13	21.000	1.65	0.39	0.23	10.5	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	1.55	0.03	3.6	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.80	21.000	0.87	0.27	0.06	3.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	42.60	21.000	1.66	1.08	0.15	8.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	76.20	21.000	1.94	0.89	0.23	10.5	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	130.92	21.000	2.33	1.70	0.26	25.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	13.60	21.000	1.31	0.82	0.09	9.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	29.18	21.000	1.55	0.52	0.17	8.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	0.95	0.21	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	287.00	21.000	2.58	2.46	0.30	10.7	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	306.86	21.000	2.63	0.94	0.48	11.8	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.14	0.07	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	22.00	21.000	1.49	1.35	0.10	11.5	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	1.04	0.05	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	6.40	21.000	1.04	1.08	0.05	8.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	224.13	21.000	2.60	6.57	0.22	15.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	203.58	21.000	2.53	2.25	0.29	18.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	240.48	21.000	2.66	2.24	0.32	20.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	25.20	21.000	1.49	1.09	0.11	7.6	31.9

Current Time: 2.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 2.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	60.40	21.000	1.88	1.17	0.19	11.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	23.05	21.000	1.51	2.71	0.09	10.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	0.65	0.18	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	141.50	21.000	2.37	2.04	0.26	18.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.28	0.18	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,159.65	20.000	3.83	3.80	0.61	27.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,175.75	20.000	3.85	3.80	0.62	22.1	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,201.35	20.000	3.88	3.53	0.64	22.7	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,216.39	20.000	3.57	3.73	0.66	44.4	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,132.80	20.000	4.01	4.28	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	3.30	20.000	0.90	0.02	0.35	4.2	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	8.85	20.000	1.17	0.37	0.10	7.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	7.80	20.000	1.14	0.33	0.10	7.3	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	5.25	20.000	1.03	0.61	0.06	5.0	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	10.74	21.000	1.24	0.78	0.08	7.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	20.00	21.000	1.45	0.92	0.11	11.4	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	42.00	21.000	1.71	0.57	0.21	13.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	51.95	21.000	1.75	1.27	0.16	9.0	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	80.42	21.000	1.96	1.59	0.19	13.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	107.60	22.000	2.13	1.31	0.24	13.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	4.65	20.000	1.00	0.55	0.06	4.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	10.39	21.000	1.22	0.79	0.08	7.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	18.81	21.000	1.43	0.92	0.11	9.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	34.06	21.000	1.67	1.14	0.14	12.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	46.04	21.000	1.35	0.63	0.22	19.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	237.10	21.000	2.53	2.48	0.29	15.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	244.61	21.000	2.55	2.51	0.29	14.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	250.62	21.000	2.57	2.86	0.28	21.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	257.92	21.000	2.51	2.42	0.28	13.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	9.60	20.000	1.20	0.64	0.08	6.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	22.15	21.000	1.48	1.28	0.11	10.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	27.18	21.000	1.57	1.66	0.11	16.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	32.40	22.000	1.55	0.13	0.38	6.9	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,523.09	21.000	3.88	3.87	0.65	17.1	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,530.48	21.000	3.88	3.80	0.65	24.1	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,576.51	21.000	3.92	3.92	0.66	24.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	736.95	20.000	3.50	3.48	0.51	25.5	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	743.84	20.000	3.51	3.02	0.54	30.2	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	275.57	21.000	2.60	1.32	0.46	34.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,132.80	20.000	4.28	9.88	0.59	21.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,577.99	21.000	3.92	9.74	0.50	17.2	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,032.77	21.000	3.70	7.98	0.45	22.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	6.40	21.000	1.08	1.55	0.05	6.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	0.56	0.10	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	36.18	21.000	1.64	0.38	0.23	10.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	1.05	20.000	0.70	0.33	0.03	2.2	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 2.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.80	21.000	0.87	0.45	0.05	3.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	34.35	21.000	1.58	1.15	0.13	7.7	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	52.65	21.000	1.76	0.65	0.21	8.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	116.41	21.000	2.25	1.60	0.25	24.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	6.85	21.000	1.10	0.55	0.07	6.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	19.45	21.000	1.39	0.60	0.12	7.4	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.34	0.17	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	269.95	21.000	2.54	2.44	0.29	10.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	285.94	21.000	2.58	0.88	0.47	11.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	0.75	20.000	0.64	0.09	0.04	2.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	9.50	21.000	1.20	0.62	0.08	7.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	2.40	20.000	0.84	0.44	0.04	3.2	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	5.37	21.000	0.98	0.91	0.05	7.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	207.15	21.000	2.54	6.42	0.21	14.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	192.94	21.000	2.49	2.32	0.28	17.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	213.25	21.000	2.57	2.01	0.31	18.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	25.14	21.000	1.49	1.27	0.11	7.6	31.9

Current Time: 3.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	44.90	21.000	1.74	1.74	0.14	10.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	9.45	21.000	1.20	2.05	0.06	6.8	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1.65	20.000	0.68	0.01	0.18	1.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	355.35	20.000	2.73	1.49	0.42	12.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	828.40	20.000	3.47	2.77	0.56	18.9	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,021.86	20.000	3.41	3.50	0.60	40.3	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	3.30	20.000	0.57	0.01	0.40	1.8	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	3.30	20.000	0.90	1.46	0.03	4.2	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	8.85	20.000	1.17	0.59	0.08	7.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	7.80	20.000	1.14	0.52	0.08	7.3	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	5.25	20.000	1.03	1.80	0.04	5.0	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	5.25	21.000	1.03	0.58	0.06	5.3	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	11.25	21.000	1.25	0.80	0.08	8.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	23.25	21.000	1.46	0.64	0.13	10.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	27.83	21.000	1.49	1.13	0.11	6.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	40.35	21.000	1.64	1.64	0.12	9.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	40.35	22.000	1.64	1.00	0.15	8.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	4.65	20.000	1.00	1.94	0.04	4.4	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 3.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	4.65	21.000	1.00	0.50	0.06	5.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	11.62	21.000	1.26	0.89	0.08	7.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	18.60	21.000	1.42	1.00	0.10	9.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	23.25	21.000	1.10	0.64	0.14	14.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	88.50	21.000	1.94	1.85	0.17	9.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	94.46	21.000	1.98	1.98	0.18	9.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	94.61	21.000	1.98	2.14	0.17	13.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	100.00	21.000	1.95	1.86	0.18	8.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	9.60	20.000	1.20	2.51	0.05	6.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	9.60	21.000	1.20	1.01	0.07	7.2	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	12.15	21.000	1.28	1.31	0.07	10.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	12.15	22.000	1.20	0.06	0.33	4.4	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,299.93	21.000	3.71	3.70	0.59	15.8	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,302.02	21.000	3.71	3.68	0.60	22.2	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,319.01	21.000	3.72	3.72	0.60	22.7	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	4.95	20.000	0.93	0.03	0.25	2.4	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	616.67	20.000	3.32	2.98	0.48	27.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	0.54	0.35	19.8	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,087.43	20.000	4.26	9.82	0.59	20.8	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,323.18	21.000	3.73	9.24	0.46	15.8	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	798.77	21.000	3.43	7.40	0.40	19.4	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	2.40	21.000	0.84	1.16	0.03	4.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	1.05	20.000	0.70	1.17	0.02	2.2	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	1.05	21.000	0.70	0.21	0.03	2.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	18.60	21.000	1.34	0.92	0.09	5.8	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	31.20	21.000	1.54	0.75	0.14	6.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	44.92	21.000	1.74	1.20	0.16	15.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	5.10	21.000	1.02	0.63	0.06	5.8	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	10.96	21.000	1.20	0.42	0.10	5.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.03	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	106.89	21.000	1.99	1.88	0.18	6.7	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	115.18	21.000	2.03	0.39	0.39	7.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	0.75	20.000	0.64	0.10	0.04	2.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	8.25	21.000	1.15	1.04	0.06	7.3	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	2.40	20.000	0.84	0.77	0.03	3.2	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	2.40	21.000	0.77	0.84	0.03	5.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	81.88	21.000	1.97	4.86	0.13	9.4	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	9.45	21.000	1.15	0.75	0.07	4.8	31.9

Current Time: 4.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 4.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	46.52	21.000	1.75	3.53	0.11	10.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	10.74	21.000	1.24	2.13	0.06	7.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	3.30	20.000	0.81	0.20	0.06	1.7	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	21.49	20.000	1.32	0.93	0.09	3.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	34.44	20.000	1.48	1.38	0.10	4.2	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	30.34	20.000	1.22	0.50	0.15	7.1	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	3.30	20.000	0.57	0.78	0.03	1.8	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	6.60	20.000	1.08	1.78	0.05	5.9	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	17.70	20.000	1.40	0.89	0.11	10.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	15.60	20.000	1.36	0.78	0.10	10.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	10.50	20.000	1.22	2.21	0.06	6.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	7.21	21.000	1.11	0.58	0.07	6.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	17.25	21.000	1.39	1.22	0.09	10.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	23.25	21.000	1.46	0.63	0.13	10.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	41.17	21.000	1.65	1.31	0.13	8.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	56.66	21.000	1.80	2.61	0.13	11.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	40.35	22.000	1.64	0.99	0.15	8.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	9.30	20.000	1.19	2.37	0.05	6.1	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	5.86	21.000	1.06	0.44	0.07	5.9	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	18.94	21.000	1.43	1.07	0.10	9.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	27.92	21.000	1.58	1.18	0.13	10.9	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	32.82	21.000	1.22	0.89	0.16	16.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	89.85	21.000	1.95	1.80	0.18	9.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	100.55	21.000	2.02	3.83	0.15	9.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	96.95	21.000	1.99	2.16	0.17	13.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	106.02	21.000	1.98	1.94	0.18	8.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	19.20	20.000	1.44	3.12	0.07	8.2	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	11.67	21.000	1.26	1.03	0.08	7.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	15.28	21.000	1.35	1.40	0.08	12.2	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	12.15	22.000	1.20	0.24	0.13	4.4	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	147.61	21.000	2.07	4.74	0.15	5.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	147.18	21.000	2.07	1.98	0.20	7.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	155.93	21.000	2.10	2.89	0.18	8.1	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	9.90	20.000	1.11	1.82	0.05	3.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	5.76	20.000	0.97	0.11	0.11	2.9	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	2.06	0.19	19.8	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	3.30	20.000	0.78	1.39	0.02	1.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	155.13	21.000	2.10	4.85	0.16	5.7	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	113.73	21.000	2.02	4.13	0.15	7.6	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	2.40	21.000	0.84	1.16	0.03	4.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.10	20.000	0.81	1.41	0.03	3.2	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 4.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	1.05	21.000	0.70	0.14	0.04	2.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	21.75	21.000	1.40	0.82	0.11	6.2	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	44.77	21.000	1.68	1.05	0.15	8.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	45.22	21.000	1.74	1.18	0.16	15.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	9.15	21.000	1.19	0.82	0.07	7.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	16.80	21.000	1.34	0.63	0.11	6.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.03	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	109.24	21.000	2.00	1.83	0.19	6.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	123.29	21.000	2.06	2.02	0.19	7.6	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	1.50	20.000	0.74	0.13	0.06	2.9	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	15.75	21.000	1.37	1.98	0.08	9.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	4.80	20.000	1.00	1.96	0.04	4.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	3.02	21.000	0.82	0.89	0.04	5.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	84.87	21.000	1.99	4.91	0.14	9.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	9.48	21.000	1.15	0.67	0.08	4.8	31.9

Current Time: 5.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	55.82	21.000	1.84	3.73	0.12	11.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	18.90	21.000	1.43	2.54	0.08	9.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	3.30	20.000	0.81	0.20	0.06	1.7	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	21.97	20.000	1.32	0.89	0.09	3.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	37.50	20.000	1.52	1.27	0.11	4.3	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	38.70	20.000	1.31	0.43	0.19	8.0	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	6.60	20.000	0.71	0.95	0.05	2.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	6.60	20.000	1.08	1.78	0.05	5.9	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	17.70	20.000	1.40	0.71	0.12	10.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	15.60	20.000	1.36	0.63	0.11	10.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	10.50	20.000	1.22	2.21	0.06	6.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	10.50	21.000	1.22	0.70	0.09	7.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	22.50	21.000	1.50	1.19	0.11	12.0	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	34.50	21.000	1.62	0.61	0.18	12.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	55.65	21.000	1.78	1.36	0.16	9.3	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	80.70	21.000	1.97	2.90	0.15	13.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	80.70	22.000	1.97	1.28	0.20	11.5	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	9.30	20.000	1.19	2.37	0.05	6.1	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 5.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	9.30	21.000	1.19	0.60	0.08	7.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	23.25	21.000	1.51	1.07	0.12	10.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	37.20	21.000	1.71	1.23	0.15	12.5	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	46.50	21.000	1.35	0.82	0.20	19.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	164.61	21.000	2.29	2.18	0.24	12.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	176.24	21.000	2.34	4.55	0.20	12.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	176.15	21.000	2.34	2.58	0.24	18.2	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	186.38	21.000	2.30	2.25	0.24	11.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	19.20	20.000	1.44	3.12	0.07	8.2	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	19.20	21.000	1.44	1.21	0.10	10.0	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	24.30	21.000	1.53	1.61	0.10	15.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	24.30	22.000	1.44	0.32	0.18	6.1	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	248.06	21.000	2.37	2.36	0.26	7.2	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	249.75	21.000	2.37	2.22	0.26	10.0	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	274.11	21.000	2.43	3.43	0.24	10.6	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	9.90	20.000	1.11	1.82	0.05	3.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	9.90	20.000	1.11	0.19	0.12	3.8	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	2.05	0.19	19.8	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	6.60	20.000	0.95	1.73	0.03	1.4	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	271.66	21.000	2.43	5.74	0.21	7.4	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	118.41	21.000	2.04	4.18	0.15	7.7	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	4.80	21.000	1.00	1.43	0.04	5.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.10	20.000	0.81	1.41	0.03	3.2	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.10	21.000	0.81	0.25	0.05	3.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	31.20	21.000	1.54	0.99	0.13	7.3	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	56.40	21.000	1.79	1.04	0.18	9.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	55.80	21.000	1.84	1.15	0.18	16.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	10.20	21.000	1.22	0.76	0.08	7.9	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	21.89	21.000	1.44	0.72	0.12	7.8	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	192.69	21.000	2.32	2.20	0.25	8.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	207.90	21.000	2.37	2.33	0.25	9.8	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	1.50	20.000	0.74	0.13	0.06	2.9	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	16.50	21.000	1.38	1.25	0.09	10.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	4.80	20.000	1.00	0.95	0.05	4.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	4.80	21.000	0.95	1.00	0.05	7.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	117.87	21.000	2.18	5.42	0.16	11.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	18.90	21.000	1.38	1.03	0.10	6.6	31.9

Current Time: 6.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 6.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	102.33	21.000	2.17	4.47	0.17	14.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	28.81	21.000	1.60	2.89	0.10	11.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	67.86	20.000	2.02	4.40	0.14	15.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	57.57	21.000	1.85	1.67	0.16	11.7	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	33.06	20.000	1.66	1.09	0.14	10.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,173.95	20.000	3.85	6.67	0.51	27.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	888.33	20.000	3.54	8.32	0.41	19.2	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	471.54	20.000	2.95	6.73	0.30	14.4	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	241.08	20.000	2.26	2.29	0.29	19.2	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,130.60	20.000	4.01	4.28	0.79	40.2	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	31.90	20.000	1.64	0.20	0.39	12.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	85.55	20.000	2.15	1.64	0.22	23.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	75.40	20.000	2.08	1.45	0.22	21.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	50.75	20.000	1.86	3.57	0.13	14.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	25.52	21.000	1.55	0.75	0.14	11.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	68.50	21.000	2.03	2.94	0.16	20.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	46.50	21.000	1.75	0.78	0.19	14.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	158.00	21.000	2.36	1.95	0.26	15.3	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	205.75	21.000	2.54	3.83	0.25	21.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	80.70	22.000	1.97	1.22	0.21	11.5	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	44.95	20.000	1.80	3.84	0.11	12.8	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	18.55	21.000	1.42	0.49	0.14	10.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	79.33	21.000	2.11	1.69	0.21	18.8	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	108.68	21.000	2.31	1.86	0.25	21.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	119.91	21.000	1.78	2.02	0.25	32.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	176.20	21.000	2.34	1.95	0.26	13.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	225.11	21.000	2.50	4.89	0.22	13.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	197.45	21.000	2.41	2.26	0.26	19.2	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	237.70	21.000	2.45	3.87	0.23	13.1	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	92.80	20.000	2.21	4.99	0.16	17.6	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	35.06	21.000	1.69	1.33	0.14	13.3	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	48.32	21.000	1.84	1.97	0.15	21.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	24.30	22.000	1.44	0.31	0.19	6.1	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	311.17	21.000	2.52	5.92	0.22	8.0	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	300.57	21.000	2.49	3.60	0.25	10.9	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	290.88	21.000	2.48	3.49	0.25	10.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	779.85	20.000	3.57	6.76	0.43	26.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	136.41	20.000	2.18	1.70	0.23	13.0	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	98.09	21.000	1.93	1.39	0.23	20.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	46.48	20.000	1.54	3.13	0.09	3.4	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	284.64	21.000	2.46	5.82	0.21	7.6	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	212.19	21.000	2.38	4.98	0.20	10.2	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	4.80	21.000	1.00	1.43	0.04	5.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	24.75	20.000	1.48	2.90	0.08	7.6	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.85	21.000	1.25	0.28	0.14	6.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.15	20.000	1.22	2.30	0.06	6.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 6.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.10	21.000	0.81	0.09	0.08	3.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	57.35	21.000	1.80	0.85	0.20	9.8	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	161.07	21.000	2.37	4.86	0.20	15.0	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	65.43	21.000	1.92	1.14	0.20	18.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	41.25	21.000	1.76	1.36	0.15	15.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	66.75	21.000	1.93	1.41	0.19	13.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	34.80	20.000	1.65	1.27	0.14	19.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	225.44	21.000	2.42	2.03	0.28	9.5	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	286.27	21.000	2.58	5.74	0.23	11.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.25	20.000	1.11	0.20	0.12	6.0	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	74.00	21.000	2.07	3.14	0.16	20.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	23.20	20.000	1.51	3.16	0.08	9.3	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	9.52	21.000	1.17	1.20	0.07	10.0	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	147.64	21.000	2.31	5.81	0.18	12.5	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	73.18	21.000	1.92	1.60	0.18	11.2	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	93.78	21.000	2.05	1.85	0.19	12.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	19.17	21.000	1.39	0.67	0.12	6.7	31.9

Current Time: 7.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	173.60	21.000	2.52	5.22	0.22	19.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	91.35	21.000	2.19	4.08	0.17	20.0	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	67.86	20.000	2.02	1.64	0.19	15.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	102.66	21.000	2.17	1.91	0.22	15.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	33.06	20.000	1.66	0.70	0.17	10.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,173.95	20.000	3.85	3.73	0.62	27.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,230.42	20.000	3.91	3.75	0.64	22.6	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,305.46	20.000	3.98	3.63	0.67	23.7	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,311.26	20.000	3.65	3.09	0.74	46.3	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,155.88	20.000	4.03	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	31.90	20.000	1.64	0.20	0.39	12.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	85.55	20.000	2.15	1.14	0.26	23.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	75.40	20.000	2.08	1.01	0.25	21.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	50.75	20.000	1.86	3.57	0.13	14.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	50.75	21.000	1.86	1.08	0.19	15.6	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	108.75	21.000	2.31	2.20	0.23	26.0	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	132.75	21.000	2.33	0.83	0.38	23.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	268.97	21.000	2.75	2.11	0.36	19.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	390.05	21.000	3.06	4.60	0.34	29.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	390.04	22.000	3.06	2.12	0.45	24.8	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	44.95	20.000	1.80	3.84	0.11	12.8	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 7.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	44.95	21.000	1.80	0.93	0.19	15.5	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	112.38	21.000	2.33	1.68	0.26	22.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	179.80	21.000	2.69	1.99	0.33	27.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	224.75	21.000	2.11	1.41	0.45	44.9	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	761.34	21.000	3.54	3.37	0.53	26.8	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	817.41	21.000	3.62	7.14	0.43	26.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	816.70	21.000	3.62	3.99	0.52	39.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	865.75	21.000	3.51	3.48	0.53	24.8	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	92.80	20.000	2.21	4.99	0.16	17.6	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	92.80	21.000	2.21	1.87	0.22	21.4	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	117.45	21.000	2.36	2.55	0.23	33.6	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	117.45	22.000	2.18	0.38	0.51	12.8	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,267.20	21.000	4.36	4.35	0.79	20.7	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,273.73	21.000	4.37	4.22	0.80	29.5	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,385.23	21.000	4.43	6.49	0.71	30.7	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	779.85	20.000	3.57	6.76	0.43	26.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	779.85	20.000	3.57	3.16	0.55	31.0	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	188.37	21.000	2.34	0.90	0.43	27.9	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,155.86	20.000	4.30	9.91	0.60	21.2	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,366.41	21.000	4.42	10.97	0.62	21.0	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,033.47	21.000	3.71	7.98	0.45	22.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	23.20	21.000	1.51	2.30	0.09	11.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	24.75	20.000	1.48	2.90	0.08	7.6	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	24.75	21.000	1.48	0.34	0.19	8.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.15	20.000	1.22	2.30	0.06	6.6	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.15	21.000	1.22	0.38	0.11	6.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	129.79	21.000	2.24	1.39	0.27	14.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	251.59	21.000	2.69	1.82	0.36	18.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	173.51	21.000	2.52	1.43	0.34	29.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	49.30	21.000	1.85	1.17	0.18	17.0	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	105.79	21.000	2.19	1.53	0.24	16.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	34.80	20.000	1.65	0.84	0.17	19.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	877.16	21.000	3.53	3.34	0.54	18.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	949.79	21.000	3.61	2.24	0.67	20.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.25	20.000	1.11	0.19	0.13	6.0	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	79.75	21.000	2.11	1.92	0.20	21.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	23.20	20.000	1.51	3.16	0.08	9.3	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	23.20	21.000	1.51	1.53	0.10	15.3	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	436.25	21.000	3.16	8.00	0.31	21.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	135.72	21.000	2.26	2.01	0.24	15.1	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	160.32	21.000	2.37	1.99	0.26	16.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	91.35	21.000	2.10	1.75	0.21	14.1	31.9

Current Time: 8.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 8.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	242.31	21.000	2.78	5.76	0.26	22.8	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	87.47	21.000	2.17	4.03	0.17	19.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	141.38	20.000	2.50	5.46	0.20	22.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	116.19	21.000	2.25	2.03	0.23	16.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	68.87	20.000	2.03	1.39	0.21	15.3	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,169.00	20.000	3.84	3.69	0.62	27.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,242.63	20.000	3.92	3.82	0.64	22.7	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,287.45	20.000	3.96	3.60	0.67	23.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,301.26	20.000	3.64	3.07	0.74	46.1	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,155.90	20.000	4.03	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	22.00	20.000	1.49	0.14	0.38	10.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	59.00	20.000	1.94	0.88	0.23	19.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	52.00	20.000	1.87	0.77	0.23	18.0	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	35.00	20.000	1.69	1.41	0.14	12.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	44.87	21.000	1.80	1.08	0.18	14.7	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	90.75	21.000	2.19	1.61	0.23	23.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	158.75	21.000	2.45	1.00	0.39	26.0	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	228.93	21.000	2.62	1.97	0.33	18.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	341.12	21.000	2.94	2.68	0.38	27.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	390.05	22.000	3.06	2.13	0.45	24.8	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	31.00	20.000	1.63	1.32	0.13	10.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	41.33	21.000	1.76	1.00	0.17	14.9	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	90.43	21.000	2.19	1.52	0.24	20.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	151.83	21.000	2.55	1.85	0.31	24.8	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	196.03	21.000	2.04	1.23	0.43	41.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	757.55	21.000	3.54	3.41	0.52	26.8	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	799.54	21.000	3.59	3.56	0.53	25.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	810.36	21.000	3.61	3.99	0.51	39.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	848.69	21.000	3.49	3.39	0.52	24.5	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	64.00	20.000	1.98	1.60	0.19	14.7	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	86.59	21.000	2.16	1.85	0.21	20.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	108.05	21.000	2.31	2.49	0.22	32.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	117.45	22.000	2.18	0.38	0.51	12.8	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,259.07	21.000	4.36	4.34	0.79	20.7	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,272.68	21.000	4.37	4.19	0.81	29.5	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,411.22	21.000	4.44	4.44	0.82	30.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	765.00	20.000	3.55	3.51	0.52	26.0	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	777.41	20.000	3.56	3.20	0.55	30.9	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	194.91	21.000	2.36	0.94	0.43	28.4	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,155.90	20.000	4.30	9.91	0.60	21.2	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,413.47	21.000	4.45	11.04	0.62	21.2	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,012.46	21.000	3.68	7.93	0.45	21.8	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	23.20	21.000	1.51	2.30	0.09	11.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	51.56	20.000	1.80	3.63	0.12	10.8	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	25.78	21.000	1.50	0.35	0.19	8.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	7.00	20.000	1.10	0.84	0.06	5.5	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 8.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.15	21.000	1.22	0.47	0.10	6.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	124.35	21.000	2.21	1.50	0.25	14.2	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	212.12	21.000	2.57	1.53	0.35	17.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	187.87	21.000	2.58	1.54	0.35	30.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	37.15	21.000	1.71	1.00	0.16	14.8	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	88.30	21.000	2.08	1.01	0.26	15.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	72.50	20.000	2.05	1.61	0.20	27.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	885.78	21.000	3.54	3.40	0.54	18.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	935.71	21.000	3.60	2.21	0.67	20.2	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	5.00	20.000	1.02	0.17	0.11	5.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	57.25	21.000	1.93	1.42	0.18	18.3	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	16.00	20.000	1.37	1.11	0.09	7.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	21.35	21.000	1.48	1.39	0.10	14.7	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	440.50	21.000	3.18	8.02	0.31	21.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	147.24	21.000	2.31	1.93	0.25	15.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	189.82	21.000	2.48	2.30	0.28	17.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	91.25	21.000	2.10	1.81	0.21	14.1	31.9

Current Time: 9.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	214.42	21.000	2.67	2.67	0.30	21.5	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	63.00	21.000	1.98	3.66	0.14	16.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	141.38	20.000	2.50	2.05	0.28	22.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	213.87	21.000	2.67	2.37	0.32	22.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	68.87	20.000	2.03	0.89	0.25	15.3	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	11.00	20.000	1.10	0.07	0.21	2.9	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	421.59	20.000	2.87	1.62	0.45	13.4	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	938.62	20.000	3.60	2.90	0.59	20.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,135.49	20.000	3.51	2.88	0.69	42.7	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	22.01	20.000	1.03	0.04	0.42	4.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	22.00	20.000	1.49	2.58	0.08	10.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	59.00	20.000	1.94	1.01	0.22	19.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	52.00	20.000	1.87	0.89	0.21	18.0	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	35.00	20.000	1.69	3.21	0.10	12.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	35.00	21.000	1.69	0.97	0.16	13.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	75.00	21.000	2.08	1.58	0.21	21.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	125.00	21.000	2.29	0.95	0.33	23.1	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	185.50	21.000	2.47	1.89	0.29	16.6	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	269.00	21.000	2.75	2.75	0.32	24.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	269.00	22.000	2.75	1.80	0.38	20.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	31.00	20.000	1.63	3.43	0.10	10.7	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 9.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	31.00	21.000	1.63	0.84	0.15	13.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	77.50	21.000	2.10	1.50	0.22	18.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	124.00	21.000	2.40	1.77	0.27	22.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	155.00	21.000	1.91	1.18	0.37	36.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	559.28	21.000	3.23	3.08	0.45	23.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	598.46	21.000	3.29	3.29	0.46	22.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	598.74	21.000	3.29	3.67	0.44	33.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	633.62	21.000	3.21	3.11	0.45	21.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	64.00	20.000	1.98	4.47	0.14	14.7	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	64.00	21.000	1.98	1.68	0.18	17.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	81.00	21.000	2.12	2.29	0.19	27.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	81.00	22.000	1.97	0.28	0.47	10.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,018.05	21.000	4.21	4.20	0.75	19.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,027.24	21.000	4.22	4.09	0.76	27.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,122.27	21.000	4.28	4.27	0.77	28.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	33.00	20.000	1.51	0.17	0.29	5.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	644.72	20.000	3.37	2.42	0.54	28.1	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	390.51	21.000	2.86	1.74	0.51	41.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,106.13	20.000	4.27	9.84	0.59	20.9	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,129.52	21.000	4.28	10.64	0.58	20.0	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,160.58	21.000	3.84	8.26	0.48	23.3	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	16.00	21.000	1.37	2.06	0.07	9.7	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	51.56	20.000	1.80	3.63	0.12	10.8	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	51.56	21.000	1.80	0.43	0.28	12.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	7.00	20.000	1.10	2.06	0.05	5.5	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	7.00	21.000	1.10	0.34	0.09	5.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	96.00	21.000	2.06	1.31	0.23	12.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	180.01	21.000	2.45	1.34	0.33	15.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	214.45	21.000	2.67	1.82	0.35	32.9	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	34.00	21.000	1.67	1.05	0.15	14.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	73.02	21.000	1.98	0.91	0.24	13.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	72.50	20.000	2.05	1.05	0.24	27.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.09	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	661.45	21.000	3.25	3.08	0.46	16.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	714.14	21.000	3.32	1.81	0.61	17.7	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	5.00	20.000	1.02	0.17	0.10	5.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	55.00	21.000	1.91	1.73	0.17	17.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	16.00	20.000	1.37	2.80	0.07	7.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	16.00	21.000	1.37	1.37	0.09	12.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	418.30	21.000	3.13	7.90	0.31	20.8	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	282.75	21.000	2.78	2.47	0.35	21.6	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	334.00	21.000	2.92	2.45	0.39	23.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	63.00	21.000	1.90	1.50	0.18	11.8	31.9

Current Time: 10.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	165.31	21.000	2.48	2.14	0.28	18.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	59.98	21.000	1.95	3.60	0.14	16.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	96.14	20.000	2.23	1.43	0.25	18.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	205.55	21.000	2.64	2.32	0.31	21.7	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	46.84	20.000	1.82	0.62	0.24	12.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	7.15	20.000	0.99	0.21	0.09	2.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	56.69	20.000	1.68	1.06	0.15	5.2	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	105.37	20.000	1.98	1.58	0.19	7.0	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	124.06	20.000	1.86	0.58	0.34	13.9	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	22.00	20.000	1.03	1.28	0.08	4.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	14.30	20.000	1.33	1.20	0.08	8.4	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	38.35	20.000	1.73	0.75	0.19	15.7	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	33.80	20.000	1.67	0.66	0.18	14.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	22.75	20.000	1.50	1.21	0.11	9.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	30.43	21.000	1.62	0.98	0.14	12.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	61.00	21.000	1.96	1.41	0.19	19.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	109.00	21.000	2.20	0.83	0.33	21.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	154.35	21.000	2.35	1.75	0.27	15.2	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	230.94	21.000	2.63	2.36	0.31	22.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	269.00	22.000	2.75	1.81	0.38	20.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	20.15	20.000	1.46	1.14	0.10	8.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	28.18	21.000	1.59	0.91	0.14	12.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	60.43	21.000	1.96	1.34	0.19	16.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	102.24	21.000	2.27	1.63	0.25	20.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	132.66	21.000	1.83	1.01	0.36	33.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	555.50	21.000	3.22	3.11	0.44	22.9	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	583.18	21.000	3.26	3.23	0.45	22.0	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	591.60	21.000	3.28	3.65	0.44	33.5	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	617.00	21.000	3.19	3.09	0.44	20.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	41.60	20.000	1.76	1.37	0.15	12.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	59.17	21.000	1.95	1.66	0.18	17.1	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	73.69	21.000	2.07	2.23	0.18	26.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	81.00	22.000	1.97	0.45	0.34	10.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	834.89	21.000	3.28	3.24	0.47	12.7	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	847.23	21.000	3.29	3.03	0.49	18.0	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	948.34	21.000	3.39	3.39	0.51	19.3	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	21.45	20.000	1.35	1.02	0.09	4.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	31.10	20.000	1.48	0.22	0.24	6.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	387.92	21.000	2.86	3.06	0.40	40.9	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	22.00	20.000	1.28	2.47	0.06	2.4	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	950.32	21.000	3.40	8.38	0.39	13.5	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	452.11	21.000	2.92	6.25	0.30	14.7	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	16.00	21.000	1.37	2.06	0.07	9.7	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	35.06	20.000	1.62	1.23	0.13	9.0	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	50.93	21.000	1.79	0.43	0.28	12.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	4.55	20.000	0.99	0.71	0.05	4.5	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	7.00	21.000	1.10	0.44	0.08	5.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	89.65	21.000	2.02	1.40	0.21	12.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	148.64	21.000	2.32	1.14	0.32	14.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	204.24	21.000	2.64	1.77	0.35	32.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	24.55	21.000	1.53	0.88	0.13	12.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	59.35	21.000	1.87	0.89	0.21	12.5	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	49.30	20.000	1.83	0.74	0.22	22.8	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.09	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	643.19	21.000	3.23	3.09	0.46	15.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	684.11	21.000	3.28	3.19	0.47	17.3	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.25	20.000	0.90	0.15	0.08	4.2	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	37.50	21.000	1.72	1.22	0.15	14.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	10.40	20.000	1.22	0.95	0.07	6.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	14.56	21.000	1.34	1.25	0.08	12.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	403.13	21.000	3.09	7.81	0.30	20.4	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	275.66	21.000	2.76	2.51	0.34	21.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	315.84	21.000	2.87	2.33	0.38	22.9	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	62.92	21.000	1.90	1.58	0.17	11.8	31.9

Current Time: 11.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	143.62	21.000	2.38	2.38	0.25	17.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	40.95	21.000	1.76	3.22	0.11	13.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	96.14	20.000	2.23	1.82	0.23	18.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	145.44	21.000	2.39	2.11	0.26	18.3	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	46.84	20.000	1.82	0.78	0.21	12.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	7.15	20.000	0.99	0.22	0.09	2.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	55.56	20.000	1.68	1.18	0.15	5.1	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	89.20	20.000	1.90	1.65	0.17	6.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	91.80	20.000	1.69	0.57	0.28	12.0	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	14.31	20.000	0.90	1.14	0.07	3.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	14.30	20.000	1.33	2.27	0.07	8.4	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	38.35	20.000	1.73	0.89	0.17	15.7	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	33.80	20.000	1.67	0.78	0.17	14.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	22.75	20.000	1.50	2.81	0.08	9.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	22.75	21.000	1.50	0.86	0.13	10.6	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	48.75	21.000	1.84	1.37	0.17	17.4	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	82.75	21.000	2.05	0.84	0.27	18.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	120.58	21.000	2.19	1.67	0.24	13.5	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	174.85	21.000	2.43	2.43	0.26	19.4	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	174.85	22.000	2.43	1.57	0.31	16.7	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	20.15	20.000	1.46	3.02	0.08	8.7	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 11.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	20.15	21.000	1.46	0.74	0.12	10.5	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	50.38	21.000	1.86	1.33	0.17	15.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	80.60	21.000	2.12	1.56	0.22	18.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	100.75	21.000	1.69	1.02	0.30	29.2	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	365.07	21.000	2.85	2.72	0.36	18.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	390.56	21.000	2.91	2.91	0.37	18.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	390.78	21.000	2.91	3.25	0.35	27.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	413.50	21.000	2.85	2.76	0.36	17.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	41.60	20.000	1.76	3.93	0.11	12.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	41.60	21.000	1.76	1.49	0.15	14.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	52.65	21.000	1.89	2.02	0.15	22.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	52.65	22.000	1.76	0.39	0.27	8.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	563.34	21.000	2.94	2.92	0.39	10.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	569.54	21.000	2.96	2.74	0.40	14.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	632.22	21.000	3.04	3.02	0.41	15.8	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	21.45	20.000	1.35	2.29	0.07	4.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	21.45	20.000	1.35	0.20	0.20	5.4	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	267.55	21.000	2.58	2.74	0.33	33.5	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	14.31	20.000	1.14	2.18	0.05	2.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	637.99	21.000	3.05	7.43	0.32	11.1	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	318.25	21.000	2.66	5.64	0.25	12.4	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	10.40	21.000	1.22	1.82	0.06	7.8	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	35.06	20.000	1.62	3.24	0.10	9.0	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	35.06	21.000	1.62	0.38	0.23	10.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	4.55	20.000	0.99	1.81	0.04	4.5	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	4.55	21.000	0.99	0.31	0.07	4.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	67.60	21.000	1.88	1.22	0.19	10.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	122.20	21.000	2.20	1.21	0.27	13.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	143.65	21.000	2.38	1.59	0.29	26.8	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	22.10	21.000	1.48	0.93	0.12	11.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	47.47	21.000	1.76	0.79	0.19	11.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	49.30	20.000	1.83	0.93	0.20	22.8	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.07	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	432.49	21.000	2.89	2.73	0.37	13.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	466.86	21.000	2.95	2.88	0.38	14.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.25	20.000	0.90	0.15	0.08	4.2	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	35.75	21.000	1.70	1.53	0.13	14.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	10.40	20.000	1.22	1.20	0.07	6.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	10.40	21.000	1.20	1.22	0.07	10.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	282.07	21.000	2.78	7.04	0.25	17.1	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	192.27	21.000	2.49	2.21	0.28	17.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	227.12	21.000	2.61	2.19	0.32	19.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	40.95	21.000	1.70	1.26	0.14	9.6	31.9

Current Time: 12.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 12.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	155.99	21.000	2.44	5.06	0.20	18.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	41.81	21.000	1.77	3.24	0.11	13.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	107.45	20.000	2.30	2.01	0.24	19.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	147.52	21.000	2.40	2.12	0.26	18.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	52.34	20.000	1.88	0.87	0.21	13.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,166.25	20.000	3.84	6.66	0.51	27.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	882.17	20.000	3.53	8.30	0.41	19.2	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	451.72	20.000	2.92	6.64	0.29	14.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	257.39	20.000	2.31	1.58	0.34	19.8	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,138.30	20.000	4.02	4.29	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	16.50	20.000	1.38	0.11	0.38	9.0	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	44.25	20.000	1.80	0.97	0.18	16.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	39.00	20.000	1.74	0.86	0.18	15.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	26.25	20.000	1.56	2.93	0.09	10.7	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	24.06	21.000	1.53	0.86	0.13	10.9	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	52.75	21.000	1.89	1.44	0.17	18.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	86.75	21.000	2.07	0.88	0.27	19.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	129.47	21.000	2.24	1.72	0.24	14.0	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	185.72	21.000	2.47	3.71	0.23	20.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	174.85	22.000	2.43	1.57	0.31	16.7	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	23.25	20.000	1.51	3.13	0.08	9.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	20.95	21.000	1.47	0.72	0.13	10.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	55.25	21.000	1.91	1.38	0.18	15.7	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	86.82	21.000	2.17	1.61	0.23	18.8	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	107.13	21.000	1.72	1.08	0.30	30.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	365.85	21.000	2.85	2.71	0.36	18.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	394.44	21.000	2.92	5.77	0.30	18.2	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	392.03	21.000	2.91	3.25	0.35	27.1	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	417.06	21.000	2.86	2.77	0.36	17.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	48.00	20.000	1.83	4.11	0.12	12.8	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	42.98	21.000	1.78	1.50	0.15	14.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	54.74	21.000	1.91	2.04	0.16	22.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	52.65	22.000	1.76	0.39	0.27	8.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	566.48	21.000	2.95	2.94	0.39	10.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	570.02	21.000	2.96	2.76	0.40	14.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	624.00	21.000	3.03	4.39	0.36	15.7	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	756.75	20.000	3.53	6.70	0.42	25.9	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	142.27	20.000	2.20	1.20	0.28	13.3	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	274.07	21.000	2.60	2.65	0.34	34.0	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	54.18	20.000	1.60	3.26	0.10	3.7	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	623.45	21.000	3.03	7.37	0.31	11.0	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	362.91	21.000	2.75	5.86	0.27	13.2	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	10.40	21.000	1.22	1.82	0.06	7.8	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	39.19	20.000	1.67	3.35	0.10	9.4	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	35.22	21.000	1.62	0.38	0.23	10.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	5.25	20.000	1.03	1.87	0.04	4.8	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 12.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	4.55	21.000	0.99	0.28	0.08	4.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	83.70	21.000	1.99	1.40	0.20	11.7	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	135.57	21.000	2.26	1.32	0.28	13.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	146.15	21.000	2.40	1.60	0.29	27.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	24.80	21.000	1.54	0.98	0.13	12.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	51.35	21.000	1.80	0.80	0.20	11.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	55.10	20.000	1.89	1.03	0.20	24.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.07	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	435.52	21.000	2.89	2.73	0.38	13.1	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	472.39	21.000	2.96	2.90	0.39	14.5	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.75	20.000	0.94	0.16	0.09	4.4	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	40.75	21.000	1.75	1.73	0.14	15.5	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	12.00	20.000	1.27	2.56	0.06	6.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	10.81	21.000	1.22	1.24	0.07	10.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	286.94	21.000	2.80	7.07	0.25	17.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	194.04	21.000	2.50	2.20	0.29	18.0	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	231.66	21.000	2.63	2.20	0.32	19.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	40.97	21.000	1.70	1.08	0.15	9.6	31.9

Current Time: 13.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	162.19	21.000	2.47	5.13	0.21	18.7	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	47.25	21.000	1.83	3.35	0.12	14.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	107.45	20.000	2.30	1.88	0.24	19.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	162.55	21.000	2.47	2.18	0.27	19.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	52.34	20.000	1.88	0.81	0.22	13.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,166.25	20.000	3.84	3.72	0.62	27.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,220.89	20.000	3.90	3.81	0.63	22.5	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,259.70	20.000	3.94	3.60	0.66	23.3	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,262.70	20.000	3.61	3.46	0.69	45.4	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,140.50	20.000	4.02	4.29	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	16.50	20.000	1.38	0.11	0.38	9.0	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	44.25	20.000	1.80	0.93	0.19	16.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	39.00	20.000	1.74	0.82	0.18	15.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	26.25	20.000	1.56	2.93	0.09	10.7	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	26.25	21.000	1.56	0.90	0.14	11.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	56.25	21.000	1.92	1.45	0.18	18.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	94.25	21.000	2.12	0.87	0.29	20.1	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	139.12	21.000	2.28	1.74	0.25	14.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	201.75	21.000	2.53	3.80	0.24	20.8	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	201.75	22.000	2.53	1.64	0.33	17.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	23.25	20.000	1.51	3.13	0.08	9.4	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 13.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	23.25	21.000	1.51	0.77	0.13	11.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	58.13	21.000	1.94	1.38	0.19	16.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	93.00	21.000	2.21	1.63	0.24	19.5	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	116.25	21.000	1.76	1.07	0.32	31.4	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	419.69	21.000	2.97	2.83	0.39	19.9	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	448.90	21.000	3.03	6.00	0.32	19.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	448.83	21.000	3.03	3.38	0.38	29.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	474.62	21.000	2.96	2.87	0.39	18.4	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	48.00	20.000	1.83	4.11	0.12	12.8	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	48.00	21.000	1.83	1.55	0.16	15.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	60.75	21.000	1.96	2.11	0.16	23.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	60.75	22.000	1.82	0.22	0.43	9.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,800.72	21.000	4.07	4.07	0.70	18.5	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,805.97	21.000	4.08	3.98	0.71	26.2	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,870.87	21.000	4.12	6.05	0.63	27.1	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	756.75	20.000	3.53	6.70	0.42	25.9	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	756.75	20.000	3.53	2.95	0.55	30.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	304.16	21.000	2.67	1.40	0.47	35.9	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,140.50	20.000	4.29	9.89	0.60	21.1	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,869.23	21.000	4.12	10.24	0.55	18.7	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,094.66	21.000	3.77	8.12	0.47	22.7	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	12.00	21.000	1.27	1.90	0.06	8.4	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	39.19	20.000	1.67	3.35	0.10	9.4	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	39.19	21.000	1.67	0.39	0.24	10.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	5.25	20.000	1.03	1.87	0.04	4.8	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	5.25	21.000	1.03	0.32	0.08	4.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	90.00	21.000	2.03	1.38	0.21	12.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	153.00	21.000	2.34	1.34	0.30	14.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	162.18	21.000	2.47	1.60	0.31	28.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	25.50	21.000	1.55	0.97	0.13	12.3	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	54.74	21.000	1.83	0.83	0.21	12.0	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	55.10	20.000	1.89	0.97	0.21	24.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	495.14	21.000	3.00	2.84	0.40	13.9	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	533.75	21.000	3.06	1.46	0.56	15.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.75	20.000	0.94	0.16	0.09	4.4	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	41.25	21.000	1.76	1.60	0.14	15.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	12.00	20.000	1.27	1.26	0.07	6.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	12.00	21.000	1.26	1.27	0.07	11.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	333.21	21.000	2.92	7.37	0.27	18.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	214.89	21.000	2.57	2.28	0.30	18.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	253.84	21.000	2.70	2.23	0.34	20.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	47.25	21.000	1.76	1.18	0.16	10.3	31.9

Current Time: 14.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 14.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	169.49	21.000	2.50	5.18	0.21	19.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	48.54	21.000	1.84	3.38	0.12	14.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	113.10	20.000	2.34	1.97	0.25	19.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	163.59	21.000	2.48	2.19	0.27	19.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	55.10	20.000	1.91	0.85	0.22	13.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,167.90	20.000	3.84	3.71	0.62	27.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,227.42	20.000	3.90	3.81	0.63	22.6	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,270.29	20.000	3.95	3.62	0.66	23.4	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,268.12	20.000	3.61	3.47	0.69	45.5	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,140.50	20.000	4.02	4.29	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	19.80	20.000	1.44	0.13	0.38	9.8	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	53.10	20.000	1.89	1.04	0.20	18.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	46.80	20.000	1.82	0.92	0.19	17.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	31.50	20.000	1.64	3.10	0.10	11.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	28.21	21.000	1.59	0.89	0.14	11.8	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	62.25	21.000	1.97	1.58	0.19	19.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	96.25	21.000	2.13	0.88	0.29	20.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	152.47	21.000	2.34	1.81	0.26	15.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	218.06	21.000	2.58	3.89	0.25	21.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	201.75	22.000	2.53	1.64	0.33	17.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	27.90	20.000	1.58	3.32	0.09	10.2	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	24.46	21.000	1.53	0.75	0.14	11.6	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	65.44	21.000	2.00	1.45	0.20	17.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	102.32	21.000	2.27	1.69	0.25	20.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	125.82	21.000	1.80	1.16	0.33	32.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	421.25	21.000	2.97	2.81	0.39	20.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	455.35	21.000	3.04	6.02	0.32	19.5	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	451.74	21.000	3.03	3.39	0.38	29.1	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	481.52	21.000	2.98	2.89	0.39	18.5	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	57.60	20.000	1.93	4.34	0.13	14.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	50.07	21.000	1.86	1.55	0.16	15.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	63.88	21.000	1.98	2.14	0.17	24.6	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	60.75	22.000	1.82	0.22	0.43	9.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,809.71	21.000	4.08	4.07	0.70	18.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,813.63	21.000	4.08	3.99	0.71	26.3	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,875.22	21.000	4.12	6.06	0.63	27.2	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	761.70	20.000	3.54	6.71	0.42	25.9	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	757.56	20.000	3.54	2.94	0.55	30.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	308.67	21.000	2.68	1.42	0.48	36.2	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,140.50	20.000	4.29	9.89	0.60	21.1	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,874.40	21.000	4.12	10.25	0.55	18.7	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,101.72	21.000	3.78	8.13	0.47	22.7	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	12.00	21.000	1.27	1.90	0.06	8.4	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	41.25	20.000	1.70	3.40	0.11	9.7	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	39.27	21.000	1.67	0.39	0.24	10.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	6.30	20.000	1.07	2.00	0.04	5.3	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 14.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	5.25	21.000	1.03	0.29	0.08	4.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	103.15	21.000	2.10	1.46	0.23	13.0	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	169.66	21.000	2.41	1.47	0.31	15.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	163.70	21.000	2.48	1.60	0.31	28.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	29.55	21.000	1.61	1.04	0.14	13.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	60.60	21.000	1.88	0.89	0.21	12.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	58.00	20.000	1.92	1.01	0.21	24.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	499.97	21.000	3.01	2.83	0.40	14.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	544.59	21.000	3.08	1.49	0.56	15.5	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	4.50	20.000	0.98	0.17	0.10	4.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	48.75	21.000	1.84	2.78	0.13	16.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	14.40	20.000	1.33	2.71	0.07	7.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	12.62	21.000	1.28	1.29	0.08	11.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	338.01	21.000	2.93	7.42	0.27	18.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	215.78	21.000	2.58	2.28	0.30	18.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	256.11	21.000	2.71	2.23	0.34	20.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	47.28	21.000	1.76	1.07	0.17	10.3	31.9

Current Time: 15.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	178.79	21.000	2.54	5.27	0.22	19.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	56.70	21.000	1.92	3.54	0.13	15.9	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	113.10	20.000	2.34	1.91	0.25	19.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	171.10	21.000	2.51	2.21	0.28	19.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	55.10	20.000	1.91	0.83	0.23	13.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	9.90	20.000	1.08	0.07	0.20	2.8	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	408.30	20.000	2.84	1.59	0.45	13.2	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	920.16	20.000	3.58	2.88	0.59	19.9	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,116.62	20.000	3.49	2.94	0.68	42.3	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	19.80	20.000	1.00	0.04	0.42	4.1	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	19.80	20.000	1.44	2.50	0.08	9.8	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	53.10	20.000	1.89	0.98	0.20	18.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	46.80	20.000	1.82	0.86	0.20	17.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	31.50	20.000	1.64	3.10	0.10	11.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	31.50	21.000	1.64	0.94	0.15	12.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	67.50	21.000	2.02	1.58	0.19	20.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	107.50	21.000	2.20	0.88	0.31	21.4	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	166.95	21.000	2.40	1.83	0.28	15.8	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	242.10	21.000	2.66	4.01	0.27	22.8	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	242.10	22.000	2.66	1.75	0.36	19.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	27.90	20.000	1.58	3.32	0.09	10.2	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 15.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	27.90	21.000	1.58	0.82	0.15	12.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	69.75	21.000	2.04	1.46	0.21	17.6	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	111.60	21.000	2.33	1.72	0.26	21.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	139.50	21.000	1.85	1.15	0.35	34.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	498.01	21.000	3.12	2.97	0.42	21.7	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	533.04	21.000	3.18	6.31	0.35	21.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	532.95	21.000	3.18	3.55	0.41	31.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	563.88	21.000	3.11	3.02	0.42	20.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	57.60	20.000	1.93	4.34	0.13	14.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	57.60	21.000	1.93	1.63	0.17	16.9	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	72.90	21.000	2.06	2.22	0.18	26.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	72.90	22.000	1.92	0.26	0.45	10.2	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,914.80	21.000	4.15	4.14	0.73	19.1	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,920.99	21.000	4.15	4.04	0.73	27.1	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,998.45	21.000	4.20	6.17	0.65	28.0	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	29.70	20.000	1.47	0.16	0.29	5.4	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	641.42	20.000	3.36	2.51	0.53	28.0	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	323.71	21.000	2.72	1.50	0.48	37.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,103.91	20.000	4.27	9.84	0.59	20.9	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,995.99	21.000	4.20	10.44	0.56	19.3	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,085.98	21.000	3.76	8.10	0.46	22.6	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	14.40	21.000	1.33	1.99	0.07	9.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	41.25	20.000	1.70	3.40	0.11	9.7	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	41.25	21.000	1.70	0.39	0.25	11.1	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	6.30	20.000	1.07	2.00	0.04	5.3	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	6.30	21.000	1.07	0.33	0.09	5.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	112.60	21.000	2.15	1.48	0.24	13.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	188.20	21.000	2.48	1.49	0.33	16.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	178.77	21.000	2.54	1.60	0.33	29.9	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	30.60	21.000	1.62	1.02	0.14	13.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	65.69	21.000	1.92	0.93	0.22	13.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	58.00	20.000	1.92	0.98	0.22	24.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	585.41	21.000	3.14	2.97	0.44	15.1	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	631.67	21.000	3.21	1.66	0.58	16.6	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	4.50	20.000	0.98	0.17	0.10	4.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	49.50	21.000	1.85	1.68	0.16	17.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	14.40	20.000	1.33	1.33	0.08	7.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	14.40	21.000	1.33	1.33	0.08	12.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	385.94	21.000	3.05	7.71	0.29	20.0	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	226.20	21.000	2.61	2.32	0.31	19.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	267.20	21.000	2.74	2.25	0.35	21.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	56.70	21.000	1.85	1.20	0.18	11.2	31.9

Current Time: 16.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 16.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	213.75	21.000	2.67	5.56	0.24	21.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	59.28	21.000	1.94	3.59	0.14	16.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	144.77	20.000	2.52	2.39	0.27	22.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	176.93	21.000	2.53	2.25	0.29	20.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	70.53	20.000	2.05	1.04	0.24	15.5	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	13.20	20.000	1.16	0.28	0.11	3.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	90.12	20.000	1.91	1.37	0.19	6.4	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	140.74	20.000	2.13	2.01	0.21	8.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	132.33	20.000	1.89	0.65	0.34	14.3	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	19.80	20.000	1.00	1.24	0.08	4.1	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	26.40	20.000	1.56	2.72	0.09	11.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	70.80	20.000	2.05	1.18	0.23	21.2	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	62.40	20.000	1.97	1.04	0.22	19.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	42.00	20.000	1.77	3.38	0.11	13.3	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	35.42	21.000	1.69	0.94	0.16	13.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	79.50	21.000	2.11	1.73	0.21	22.2	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	118.70	21.000	2.26	0.97	0.32	22.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	193.65	21.000	2.50	1.95	0.30	16.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	274.72	21.000	2.76	4.16	0.28	24.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	242.10	22.000	2.66	1.75	0.36	19.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	37.20	20.000	1.71	3.62	0.10	11.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	30.31	21.000	1.62	0.77	0.16	12.8	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	84.38	21.000	2.15	1.58	0.22	19.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	130.25	21.000	2.44	1.84	0.28	23.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	158.65	21.000	1.92	1.30	0.36	37.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	501.10	21.000	3.13	2.94	0.43	21.7	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	545.91	21.000	3.20	6.35	0.35	21.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	538.69	21.000	3.19	3.56	0.42	31.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	577.54	21.000	3.13	3.05	0.43	20.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	76.80	20.000	2.09	4.72	0.15	16.1	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	61.74	21.000	1.97	1.65	0.18	17.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	79.17	21.000	2.11	2.27	0.19	27.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	72.90	22.000	1.92	0.44	0.32	10.2	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	775.92	21.000	3.21	3.20	0.46	12.3	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	778.72	21.000	3.22	3.02	0.47	17.3	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	847.88	21.000	3.29	4.81	0.42	18.3	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	39.60	20.000	1.58	2.79	0.10	6.2	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	31.33	20.000	1.49	0.24	0.23	6.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	331.18	21.000	2.74	2.91	0.37	37.6	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	19.80	20.000	1.24	2.40	0.06	2.3	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	846.20	21.000	3.29	8.10	0.37	12.7	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	408.01	21.000	2.84	6.06	0.28	14.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	14.40	21.000	1.33	1.99	0.07	9.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	52.80	20.000	1.81	3.66	0.12	10.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	41.69	21.000	1.70	0.39	0.25	11.1	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	8.40	20.000	1.15	2.17	0.05	6.0	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 16.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	6.30	21.000	1.07	0.28	0.09	5.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	131.90	21.000	2.25	1.56	0.26	14.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	219.35	21.000	2.59	1.70	0.34	17.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	186.02	21.000	2.57	1.63	0.34	30.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	38.70	21.000	1.73	1.14	0.16	15.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	77.40	21.000	2.01	0.97	0.24	14.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	74.24	20.000	2.06	1.23	0.23	28.0	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	598.78	21.000	3.16	2.96	0.44	15.2	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	655.23	21.000	3.24	3.22	0.45	17.0	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.00	20.000	1.07	0.18	0.11	5.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	64.50	21.000	1.99	3.01	0.15	19.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	19.20	20.000	1.44	2.98	0.08	8.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	15.63	21.000	1.36	1.36	0.08	12.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	398.59	21.000	3.08	7.79	0.30	20.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	231.16	21.000	2.63	2.29	0.31	19.6	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	279.91	21.000	2.78	2.31	0.35	21.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	56.77	21.000	1.85	1.08	0.19	11.2	31.9

Current Time: 17.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	232.34	21.000	2.74	5.69	0.25	22.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	75.60	21.000	2.08	3.86	0.15	18.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	144.77	20.000	2.52	2.07	0.28	22.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	219.01	21.000	2.70	2.39	0.32	22.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	70.53	20.000	2.05	0.90	0.26	15.5	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	13.20	20.000	1.16	0.28	0.11	3.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	91.08	20.000	1.91	1.30	0.19	6.5	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	153.18	20.000	2.18	1.94	0.22	8.4	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	157.98	20.000	2.00	0.65	0.38	15.6	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	26.40	20.000	1.09	1.33	0.09	4.7	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	26.40	20.000	1.56	2.72	0.09	11.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	70.80	20.000	2.05	1.07	0.24	21.2	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	62.40	20.000	1.97	0.95	0.23	19.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	42.00	20.000	1.77	3.38	0.11	13.3	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	42.00	21.000	1.77	1.02	0.17	14.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	90.00	21.000	2.19	1.74	0.22	23.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	141.20	21.000	2.37	0.97	0.36	24.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	222.60	21.000	2.60	1.99	0.32	18.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	322.80	21.000	2.89	4.36	0.31	26.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	322.80	22.000	2.89	1.93	0.42	22.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	37.20	20.000	1.71	3.62	0.10	11.7	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 17.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	37.20	21.000	1.71	0.88	0.17	14.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	93.00	21.000	2.21	1.58	0.24	20.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	148.80	21.000	2.53	1.87	0.30	24.6	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	186.00	21.000	2.01	1.27	0.41	40.4	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	661.81	21.000	3.39	3.23	0.49	25.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	708.49	21.000	3.46	6.85	0.40	24.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	708.30	21.000	3.46	3.84	0.48	36.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	749.45	21.000	3.37	3.28	0.49	23.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	76.80	20.000	2.09	4.72	0.15	16.1	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	76.80	21.000	2.09	1.77	0.20	19.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	97.20	21.000	2.24	2.41	0.21	30.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	97.20	22.000	2.07	0.49	0.37	11.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,002.84	21.000	3.45	3.43	0.52	13.9	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,010.71	21.000	3.46	3.22	0.53	19.6	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,112.50	21.000	3.55	5.21	0.48	20.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	39.60	20.000	1.58	2.79	0.10	6.2	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	39.60	20.000	1.58	0.26	0.26	7.2	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	415.44	21.000	2.91	3.12	0.41	42.5	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	26.39	20.000	1.33	2.64	0.07	2.6	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,107.56	21.000	3.54	8.76	0.42	14.5	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	509.04	21.000	3.02	6.48	0.32	15.5	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	19.20	21.000	1.44	2.18	0.08	10.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	52.80	20.000	1.81	3.66	0.12	10.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	52.80	21.000	1.81	0.42	0.29	12.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	8.40	20.000	1.15	2.17	0.05	6.0	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	8.40	21.000	1.15	0.36	0.10	6.0	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	150.80	21.000	2.33	1.61	0.27	15.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	251.60	21.000	2.69	1.64	0.38	18.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	232.31	21.000	2.74	1.73	0.38	34.3	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	40.80	21.000	1.75	1.10	0.16	15.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	87.58	21.000	2.08	1.03	0.25	15.1	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	74.24	20.000	2.06	1.06	0.25	28.0	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	776.86	21.000	3.40	3.23	0.50	17.3	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	838.33	21.000	3.48	3.44	0.52	19.1	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.00	20.000	1.07	0.18	0.11	5.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	66.00	21.000	2.01	1.82	0.18	19.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	19.20	20.000	1.44	2.98	0.08	8.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	19.20	21.000	1.44	1.45	0.09	13.9	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	508.17	21.000	3.32	8.36	0.34	22.9	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	289.54	21.000	2.80	2.49	0.35	21.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	342.02	21.000	2.94	2.40	0.39	23.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	75.60	21.000	2.00	1.30	0.21	12.9	31.9

Current Time: 18.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 18.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	246.59	21.000	2.79	5.79	0.26	23.0	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	78.79	21.000	2.11	3.91	0.16	18.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	154.95	20.000	2.57	2.20	0.29	23.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	220.88	21.000	2.70	2.40	0.32	22.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	75.49	20.000	2.08	0.96	0.26	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,175.27	20.000	3.85	6.67	0.51	27.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	925.46	20.000	3.59	8.42	0.42	19.6	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	533.03	20.000	3.06	6.98	0.32	15.2	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	332.55	20.000	2.49	1.34	0.43	22.5	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,150.40	20.000	4.02	4.30	0.79	40.4	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	34.54	20.000	1.68	0.22	0.40	12.8	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	92.63	20.000	2.21	1.28	0.26	24.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	81.64	20.000	2.13	1.13	0.25	22.5	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	54.95	20.000	1.91	3.66	0.13	15.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	46.83	21.000	1.82	1.02	0.18	15.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	104.80	21.000	2.29	1.99	0.23	25.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	144.80	21.000	2.39	0.99	0.36	24.9	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	255.53	21.000	2.70	2.11	0.34	19.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	363.03	21.000	3.00	4.51	0.33	27.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	322.80	22.000	2.89	1.92	0.42	22.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	48.67	20.000	1.84	3.93	0.12	13.3	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	40.18	21.000	1.75	0.84	0.18	14.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	111.04	21.000	2.32	1.71	0.26	22.2	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	171.80	21.000	2.65	1.99	0.32	26.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	209.62	21.000	2.07	1.43	0.42	43.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	665.70	21.000	3.40	3.20	0.49	25.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	724.47	21.000	3.49	6.89	0.41	24.6	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	715.57	21.000	3.47	3.86	0.48	37.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	766.59	21.000	3.39	3.33	0.49	23.3	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	100.48	20.000	2.26	5.10	0.17	18.3	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	81.90	21.000	2.13	1.79	0.21	20.1	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	104.93	21.000	2.29	2.46	0.22	31.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	97.20	22.000	2.07	0.49	0.37	11.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,025.18	21.000	3.47	3.46	0.53	14.1	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,030.06	21.000	3.47	3.26	0.54	19.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,124.63	21.000	3.56	5.22	0.49	21.0	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	783.81	20.000	3.57	6.77	0.43	26.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	161.88	20.000	2.28	1.00	0.33	14.2	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	409.11	21.000	2.90	2.91	0.42	42.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	66.28	20.000	1.68	3.47	0.11	4.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,122.61	21.000	3.56	8.80	0.42	14.6	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	566.24	21.000	3.11	6.68	0.33	16.4	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	19.20	21.000	1.44	2.18	0.08	10.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.51	20.000	1.84	3.73	0.12	11.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	52.94	21.000	1.81	0.43	0.28	12.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.99	20.000	1.24	2.35	0.06	6.8	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 18.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	8.40	21.000	1.15	0.31	0.11	6.0	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	141.57	21.000	2.29	1.40	0.28	15.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	279.83	21.000	2.78	1.81	0.39	19.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	235.30	21.000	2.75	1.74	0.38	34.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	50.79	21.000	1.86	1.23	0.18	17.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	102.03	21.000	2.17	1.16	0.27	16.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	79.46	20.000	2.10	1.13	0.25	29.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	788.24	21.000	3.42	3.20	0.51	17.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	864.98	21.000	3.51	3.49	0.52	19.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.85	20.000	1.14	0.20	0.13	6.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	84.50	21.000	2.15	3.27	0.17	22.2	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	25.12	20.000	1.54	3.22	0.09	9.7	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	20.72	21.000	1.47	1.48	0.10	14.5	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	516.48	21.000	3.34	8.39	0.34	23.1	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	291.13	21.000	2.81	2.48	0.35	22.0	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	346.10	21.000	2.95	2.45	0.39	24.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	75.69	21.000	2.00	1.36	0.20	12.9	31.9

Current Time: 19.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	269.52	21.000	2.87	5.94	0.27	24.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	98.91	21.000	2.25	4.18	0.18	20.9	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	154.95	20.000	2.57	2.12	0.29	23.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	234.41	21.000	2.75	2.44	0.33	23.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	75.49	20.000	2.08	0.92	0.27	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,175.27	20.000	3.85	3.66	0.63	27.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,265.05	20.000	3.94	3.77	0.65	22.9	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,346.30	20.000	4.02	3.66	0.68	24.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,352.58	20.000	3.67	3.04	0.77	47.2	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,158.53	20.000	4.03	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	34.54	20.000	1.68	0.22	0.40	12.8	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	92.63	20.000	2.21	1.17	0.27	24.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	81.64	20.000	2.13	1.03	0.27	22.5	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	54.95	20.000	1.91	3.66	0.13	15.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	54.95	21.000	1.91	1.10	0.20	16.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	117.75	21.000	2.36	1.98	0.25	27.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	172.55	21.000	2.51	1.01	0.41	27.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	291.23	21.000	2.81	2.16	0.37	20.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	422.33	21.000	3.13	4.71	0.35	30.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	422.33	22.000	3.13	2.13	0.48	25.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	48.67	20.000	1.84	3.93	0.12	13.3	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 19.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	48.67	21.000	1.84	0.95	0.20	16.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	121.68	21.000	2.39	1.72	0.27	23.2	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	194.68	21.000	2.76	2.04	0.35	28.2	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	243.35	21.000	2.15	1.42	0.47	47.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	853.70	21.000	3.67	3.50	0.56	28.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	914.78	21.000	3.75	7.37	0.46	27.7	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	914.55	21.000	3.75	4.12	0.55	42.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	968.40	21.000	3.63	3.56	0.56	26.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	100.48	20.000	2.26	5.10	0.17	18.3	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	100.48	21.000	2.26	1.91	0.23	22.2	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	127.17	21.000	2.42	2.60	0.24	35.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	127.17	22.000	2.22	0.40	0.53	13.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,439.32	21.000	4.46	4.45	0.82	21.5	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,449.70	21.000	4.47	4.31	0.84	30.7	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,583.23	21.000	4.54	6.63	0.74	32.0	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	783.81	20.000	3.57	6.77	0.43	26.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	783.81	20.000	3.57	2.74	0.58	31.1	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	436.19	21.000	2.95	1.82	0.54	43.6	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,158.53	20.000	4.30	9.91	0.60	21.2	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,577.18	21.000	4.54	11.25	0.64	21.9	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,290.65	21.000	3.97	8.51	0.51	24.6	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	25.12	21.000	1.54	2.37	0.09	12.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.51	20.000	1.84	3.73	0.12	11.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.51	21.000	1.84	0.44	0.29	12.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.99	20.000	1.24	2.35	0.06	6.8	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.99	21.000	1.24	0.39	0.11	6.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	164.88	21.000	2.39	1.57	0.29	16.3	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	296.76	21.000	2.82	1.75	0.41	20.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	269.49	21.000	2.87	1.82	0.41	37.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	53.38	21.000	1.89	1.19	0.19	17.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	114.59	21.000	2.24	1.22	0.28	17.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	79.46	20.000	2.10	1.08	0.26	29.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	997.67	21.000	3.67	3.47	0.57	19.6	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,078.14	21.000	3.75	2.42	0.70	21.7	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.85	20.000	1.14	0.20	0.13	6.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	86.35	21.000	2.16	1.96	0.21	22.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	25.12	20.000	1.54	3.22	0.09	9.7	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	25.12	21.000	1.54	1.57	0.11	15.9	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	592.20	21.000	3.49	8.74	0.37	24.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	309.89	21.000	2.86	2.54	0.36	22.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	366.06	21.000	3.00	2.48	0.41	24.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	98.91	21.000	2.15	1.60	0.23	14.6	31.9

Current Time: 20.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	328.21	21.000	3.05	6.29	0.30	26.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	105.03	21.000	2.29	4.25	0.18	21.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	205.84	20.000	2.81	2.74	0.32	26.8	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	243.77	21.000	2.78	2.49	0.34	23.6	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	100.28	20.000	2.26	1.20	0.28	18.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,183.08	20.000	3.86	3.61	0.63	27.5	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,304.44	20.000	3.98	3.79	0.66	23.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,400.07	20.000	4.07	3.75	0.69	24.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,379.92	20.000	3.69	3.06	0.77	47.7	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,158.54	20.000	4.03	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	50.16	20.000	1.86	0.32	0.41	15.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	134.52	20.000	2.46	1.50	0.31	29.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	118.56	20.000	2.37	1.32	0.30	27.2	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	79.80	20.000	2.12	4.09	0.16	18.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	64.22	21.000	1.99	1.11	0.22	17.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	146.15	21.000	2.52	2.30	0.27	30.3	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	190.55	21.000	2.59	1.11	0.42	28.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	354.42	21.000	2.97	2.34	0.41	22.8	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	499.53	21.000	3.30	4.94	0.39	32.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	422.33	22.000	3.13	2.12	0.48	25.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	70.68	20.000	2.05	4.39	0.14	15.9	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	54.38	21.000	1.90	0.90	0.22	17.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	156.30	21.000	2.57	1.93	0.31	26.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	238.81	21.000	2.95	2.22	0.39	31.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	288.67	21.000	2.25	1.68	0.49	51.9	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	861.03	21.000	3.68	3.45	0.57	28.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	945.23	21.000	3.79	7.45	0.47	28.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	928.15	21.000	3.76	4.14	0.55	42.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,000.78	21.000	3.67	3.61	0.57	26.6	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	145.92	20.000	2.52	5.70	0.21	22.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	110.27	21.000	2.32	1.94	0.24	23.3	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	142.00	21.000	2.50	2.68	0.25	37.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	127.17	22.000	2.22	0.40	0.53	13.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,482.84	21.000	4.49	4.48	0.83	21.7	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,485.89	21.000	4.49	4.35	0.84	30.9	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,601.10	21.000	4.55	6.65	0.75	32.1	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	807.24	20.000	3.60	6.83	0.43	26.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	787.66	20.000	3.58	2.71	0.59	31.1	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	435.45	21.000	2.95	1.79	0.54	43.6	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,158.54	20.000	4.30	9.91	0.60	21.2	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,597.18	21.000	4.55	11.27	0.65	22.0	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,323.87	21.000	4.00	8.58	0.51	24.9	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	25.12	21.000	1.54	2.37	0.09	12.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	75.08	20.000	1.99	4.07	0.14	12.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	57.22	21.000	1.85	0.44	0.29	12.9	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	15.96	20.000	1.37	2.67	0.07	8.1	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.99	21.000	1.24	0.31	0.13	6.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	169.79	21.000	2.41	1.42	0.31	16.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	357.91	21.000	2.98	2.06	0.43	22.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	281.67	21.000	2.91	1.86	0.42	38.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	72.55	21.000	2.06	1.39	0.21	20.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	142.30	21.000	2.38	1.32	0.31	19.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	105.56	20.000	2.28	1.40	0.27	33.6	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,024.74	21.000	3.70	3.45	0.59	19.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,131.41	21.000	3.81	2.51	0.72	22.2	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	11.40	20.000	1.26	0.22	0.16	7.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	121.85	21.000	2.39	3.63	0.21	26.7	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	36.48	20.000	1.71	3.61	0.10	11.6	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	28.03	21.000	1.59	1.62	0.11	16.7	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	615.10	21.000	3.53	8.84	0.37	25.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	317.87	21.000	2.88	2.51	0.37	22.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	386.49	21.000	3.05	2.62	0.41	25.3	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	99.07	21.000	2.15	1.57	0.23	14.7	31.9

Current Time: 21.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	372.22	21.000	3.18	6.53	0.32	28.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	143.64	21.000	2.51	4.66	0.21	25.1	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	205.84	20.000	2.81	2.33	0.34	26.8	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	311.40	21.000	3.00	2.67	0.38	26.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	100.28	20.000	2.26	1.02	0.31	18.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	25.08	20.000	1.37	0.15	0.24	4.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	487.13	20.000	2.98	1.70	0.49	14.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,070.40	20.000	3.74	3.04	0.63	21.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,272.38	20.000	3.61	2.51	0.80	45.6	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	50.15	20.000	1.33	0.10	0.45	6.4	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	50.16	20.000	1.86	3.30	0.13	15.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	134.52	20.000	2.46	1.34	0.33	29.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	118.56	20.000	2.37	1.18	0.32	27.2	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	79.80	20.000	2.12	4.09	0.16	18.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	79.80	21.000	2.12	1.24	0.24	19.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	171.00	21.000	2.65	2.27	0.31	32.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	243.80	21.000	2.78	1.16	0.49	32.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	422.94	21.000	3.14	2.43	0.45	24.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	613.32	21.000	3.53	5.22	0.43	36.7	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	613.31	22.000	3.53	2.46	0.58	31.3	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	70.68	20.000	2.05	4.39	0.14	15.9	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 21.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	70.68	21.000	2.05	1.07	0.24	19.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	176.70	21.000	2.68	1.96	0.33	28.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	282.72	21.000	3.13	2.29	0.43	34.2	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	353.40	21.000	2.36	1.69	0.58	58.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	1,232.88	21.000	4.14	3.95	0.68	34.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	1,321.51	21.000	4.24	8.18	0.55	33.5	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	1,321.07	21.000	4.24	4.52	0.67	52.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,399.12	21.000	4.07	3.99	0.68	31.6	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	145.92	20.000	2.52	5.70	0.21	22.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	145.92	21.000	2.52	2.15	0.28	26.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	184.68	21.000	2.72	2.88	0.29	42.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	184.68	22.000	2.47	0.53	0.61	15.9	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	3,000.12	21.000	4.76	4.74	0.92	23.9	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	3,014.54	21.000	4.77	4.57	0.93	34.2	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	3,205.91	21.000	4.86	7.04	0.83	35.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	75.24	20.000	1.86	0.38	0.32	8.4	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	686.96	20.000	3.43	2.23	0.59	29.0	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	570.87	21.000	3.16	2.23	0.60	51.0	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,134.26	20.000	4.29	9.88	0.59	21.1	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	3,194.26	21.000	4.86	11.97	0.72	24.4	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,440.77	21.000	4.10	8.79	0.54	26.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	36.48	21.000	1.71	2.65	0.11	14.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	75.08	20.000	1.99	4.07	0.14	12.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	75.08	21.000	1.99	0.48	0.34	14.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	15.96	20.000	1.37	2.67	0.07	8.1	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	15.96	21.000	1.37	0.43	0.14	8.1	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	214.52	21.000	2.57	1.64	0.34	18.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	406.03	21.000	3.10	1.94	0.49	23.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	372.16	21.000	3.18	2.07	0.49	44.3	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	77.52	21.000	2.10	1.34	0.23	21.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	166.40	21.000	2.49	1.42	0.33	20.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	105.56	20.000	2.28	1.19	0.30	33.6	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.13	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,437.70	21.000	4.10	3.89	0.70	23.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,554.20	21.000	4.21	3.06	0.81	26.0	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	11.40	20.000	1.26	0.22	0.16	7.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	125.40	21.000	2.41	2.19	0.25	27.1	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	36.48	20.000	1.71	3.61	0.10	11.6	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	36.48	21.000	1.71	1.76	0.13	19.0	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	812.62	21.000	3.89	9.57	0.43	29.0	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	411.68	21.000	3.11	2.77	0.42	26.1	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	486.30	21.000	3.28	2.69	0.47	28.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	143.64	21.000	2.38	1.93	0.27	17.5	31.9

Current Time: 22.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 22.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	312.35	21.000	3.00	2.73	0.38	25.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	135.63	21.000	2.47	4.58	0.21	24.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	156.08	20.000	2.57	1.80	0.32	23.3	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	302.25	21.000	2.97	2.62	0.38	26.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	76.04	20.000	2.09	0.78	0.29	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	14.85	20.000	1.20	0.28	0.12	3.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	103.07	20.000	1.97	1.21	0.21	6.8	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	198.85	20.000	2.34	1.87	0.27	9.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	241.19	20.000	2.26	0.66	0.49	19.2	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	50.16	20.000	1.33	1.57	0.12	6.4	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	29.70	20.000	1.61	1.42	0.12	11.9	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	79.65	20.000	2.11	0.91	0.28	22.5	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	70.20	20.000	2.04	0.80	0.27	20.9	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	47.25	20.000	1.83	1.41	0.16	14.1	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	67.65	21.000	2.02	1.24	0.22	18.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	133.80	21.000	2.46	1.87	0.28	28.9	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	226.20	21.000	2.72	1.08	0.49	31.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	340.17	21.000	2.94	2.21	0.41	22.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	512.20	21.000	3.33	2.95	0.47	33.4	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	613.32	22.000	3.53	2.47	0.58	31.3	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	41.85	20.000	1.77	1.31	0.16	12.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	63.20	21.000	1.98	1.18	0.21	18.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	131.34	21.000	2.44	1.69	0.29	24.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	224.91	21.000	2.89	2.06	0.38	30.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	294.04	21.000	2.26	1.41	0.55	52.5	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	1,224.02	21.000	4.13	4.00	0.67	34.3	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	1,282.85	21.000	4.20	4.15	0.68	32.9	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	1,305.22	21.000	4.22	4.51	0.67	52.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,359.70	21.000	4.03	3.93	0.67	31.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	86.40	20.000	2.16	1.59	0.23	17.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	133.09	21.000	2.45	2.11	0.27	25.6	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	165.26	21.000	2.62	2.79	0.28	40.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	184.68	22.000	2.47	0.65	0.51	15.9	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,796.26	21.000	4.07	4.03	0.70	18.5	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,824.34	21.000	4.09	3.76	0.73	26.4	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,056.42	21.000	4.24	4.23	0.75	28.5	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	44.55	20.000	1.63	1.16	0.14	6.6	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	70.20	20.000	1.83	0.37	0.31	9.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	564.67	21.000	3.15	3.44	0.49	50.7	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	50.16	20.000	1.57	3.18	0.09	3.5	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,061.51	21.000	4.24	10.54	0.57	19.6	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	705.13	21.000	3.31	7.13	0.37	18.2	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	36.48	21.000	1.71	2.65	0.11	14.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.93	20.000	1.85	1.52	0.16	11.3	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	74.38	21.000	1.99	0.48	0.34	14.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	9.45	20.000	1.20	0.81	0.08	6.4	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 22.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	15.96	21.000	1.37	0.57	0.12	8.1	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	187.99	21.000	2.48	1.70	0.31	17.4	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	319.73	21.000	2.88	1.57	0.46	21.0	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	359.91	21.000	3.14	2.05	0.48	43.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	52.41	21.000	1.88	1.07	0.19	17.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	130.17	21.000	2.32	1.25	0.30	18.4	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	80.04	20.000	2.11	0.92	0.28	29.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.13	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,410.18	21.000	4.08	3.92	0.68	23.2	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,493.43	21.000	4.15	4.10	0.70	25.5	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.75	20.000	1.10	0.18	0.12	5.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	78.90	21.000	2.11	1.44	0.22	21.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	21.60	20.000	1.49	1.09	0.11	9.0	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	32.67	21.000	1.65	1.53	0.13	18.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	784.62	21.000	3.84	9.48	0.42	28.5	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	403.88	21.000	3.09	2.80	0.41	25.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	466.33	21.000	3.23	2.60	0.47	27.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	143.42	21.000	2.38	2.11	0.26	17.5	31.9

Current Time: 23.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	254.72	21.000	2.82	2.82	0.33	23.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	85.05	21.000	2.15	3.99	0.16	19.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	156.08	20.000	2.57	2.12	0.30	23.3	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	236.12	21.000	2.76	2.44	0.33	23.3	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	76.04	20.000	2.09	0.92	0.27	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	14.85	20.000	1.20	0.29	0.12	3.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	100.08	20.000	1.95	1.32	0.20	6.8	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	169.94	20.000	2.24	2.00	0.24	8.8	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	175.34	20.000	2.06	0.66	0.40	16.4	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	29.71	20.000	1.13	1.37	0.09	5.0	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	29.70	20.000	1.61	2.82	0.10	11.9	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	79.65	20.000	2.11	1.12	0.25	22.5	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	70.20	20.000	2.04	0.98	0.25	20.9	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	47.25	20.000	1.83	3.49	0.12	14.1	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	47.25	21.000	1.83	1.06	0.18	15.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	101.25	21.000	2.26	1.82	0.24	25.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	156.45	21.000	2.44	0.99	0.38	25.9	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	250.43	21.000	2.69	2.07	0.34	19.2	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	363.15	21.000	3.00	3.00	0.38	27.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	363.16	22.000	3.00	2.01	0.44	24.0	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	41.85	20.000	1.77	3.76	0.11	12.4	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 23.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	41.85	21.000	1.77	0.91	0.18	15.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	104.62	21.000	2.29	1.64	0.25	21.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	167.40	21.000	2.63	1.95	0.32	26.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	209.25	21.000	2.07	1.33	0.43	43.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	742.92	21.000	3.51	3.35	0.52	26.5	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	795.96	21.000	3.59	3.59	0.53	25.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	796.54	21.000	3.59	3.97	0.51	39.3	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	843.90	21.000	3.49	3.40	0.52	24.4	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	86.40	20.000	2.16	4.89	0.16	17.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	86.40	21.000	2.16	1.83	0.21	20.6	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	109.35	21.000	2.31	2.49	0.22	32.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	109.35	22.000	2.14	0.51	0.40	12.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,132.57	21.000	3.57	3.54	0.55	14.8	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,146.20	21.000	3.58	3.31	0.57	20.9	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,279.31	21.000	3.69	3.66	0.59	22.4	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	44.55	20.000	1.63	2.89	0.10	6.6	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	44.55	20.000	1.63	0.28	0.27	7.7	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	432.26	21.000	2.94	3.16	0.42	43.4	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	29.73	20.000	1.37	2.73	0.07	2.8	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,294.55	21.000	3.70	9.18	0.45	15.6	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	537.56	21.000	3.07	6.58	0.32	16.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	21.60	21.000	1.49	2.26	0.09	11.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.93	20.000	1.85	3.74	0.12	11.3	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.93	21.000	1.85	0.44	0.29	12.9	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	9.45	20.000	1.20	2.25	0.05	6.4	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	9.45	21.000	1.20	0.37	0.11	6.3	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	129.40	21.000	2.24	1.42	0.26	14.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	242.81	21.000	2.66	1.55	0.38	18.3	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	254.79	21.000	2.82	1.86	0.39	36.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	45.90	21.000	1.81	1.14	0.17	16.4	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	98.60	21.000	2.15	1.09	0.27	16.0	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	80.04	20.000	2.11	1.09	0.26	29.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	875.24	21.000	3.53	3.33	0.54	18.3	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	947.05	21.000	3.61	3.57	0.55	20.3	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.75	20.000	1.10	0.19	0.12	5.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	74.25	21.000	2.07	1.88	0.19	20.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	21.60	20.000	1.49	3.09	0.08	9.0	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	21.60	21.000	1.49	1.50	0.10	14.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	524.02	21.000	3.35	8.45	0.34	23.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	312.16	21.000	2.86	2.55	0.36	22.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	368.74	21.000	3.01	2.51	0.41	24.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	85.05	21.000	2.06	1.63	0.20	13.6	31.9

Current Time: 24.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 24.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	189.96	21.000	2.58	2.18	0.30	20.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	76.87	21.000	2.09	3.87	0.16	18.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	1.42	0.26	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	226.13	21.000	2.72	2.38	0.33	22.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	0.61	0.25	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,162.40	20.000	3.84	6.65	0.51	27.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	871.83	20.000	3.52	8.27	0.41	19.1	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	454.41	20.000	2.92	6.66	0.29	14.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	301.17	20.000	2.42	1.18	0.43	21.4	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,153.70	20.000	4.02	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	0.44	0.18	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	0.39	0.17	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	0.68	0.10	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	34.84	21.000	1.69	1.09	0.15	13.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	63.25	21.000	1.98	1.25	0.21	19.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	137.25	21.000	2.36	0.88	0.37	24.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	165.88	21.000	2.39	1.73	0.28	15.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	259.85	21.000	2.72	2.14	0.35	23.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	363.15	22.000	3.00	2.02	0.44	24.0	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	0.61	0.10	7.0	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	34.21	21.000	1.67	1.14	0.15	13.6	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	58.29	21.000	1.94	1.24	0.20	16.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	108.35	21.000	2.31	1.60	0.26	21.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	148.61	21.000	1.89	0.95	0.40	35.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	732.85	21.000	3.50	3.43	0.51	26.3	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	754.76	21.000	3.53	3.46	0.52	25.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	777.62	21.000	3.56	3.94	0.50	38.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	799.49	21.000	3.44	3.32	0.51	23.8	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	0.72	0.15	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	73.29	21.000	2.07	1.79	0.20	19.0	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	89.51	21.000	2.18	2.35	0.20	29.2	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	109.35	22.000	2.14	0.52	0.39	12.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,071.82	21.000	3.51	3.46	0.54	14.4	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,093.25	21.000	3.53	3.22	0.56	20.4	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,243.84	21.000	3.66	3.65	0.58	22.1	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	745.20	20.000	3.51	6.67	0.42	25.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	159.67	20.000	2.27	1.02	0.32	14.1	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	425.77	21.000	2.93	3.14	0.42	43.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	69.58	20.000	1.71	3.52	0.11	4.1	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,249.06	21.000	3.67	9.08	0.44	15.4	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	532.98	21.000	3.06	6.57	0.32	15.9	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	21.60	21.000	1.49	2.26	0.09	11.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	1.22	0.14	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.17	21.000	1.84	0.44	0.29	12.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	0.35	0.05	3.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 24.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	9.45	21.000	1.20	0.68	0.08	6.3	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	102.45	21.000	2.10	1.56	0.22	12.9	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	154.68	21.000	2.35	1.03	0.34	14.7	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	241.27	21.000	2.77	1.83	0.38	35.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	20.25	21.000	1.46	0.71	0.13	11.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	61.50	21.000	1.89	0.84	0.22	12.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	0.73	0.23	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	839.98	21.000	3.48	3.39	0.52	18.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	874.64	21.000	3.53	3.42	0.53	19.5	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.12	0.07	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	26.75	21.000	1.57	0.73	0.15	12.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	0.51	0.07	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	17.70	21.000	1.40	1.22	0.09	13.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	494.17	21.000	3.29	8.29	0.33	22.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	303.65	21.000	2.84	2.59	0.36	22.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	346.95	21.000	2.96	2.39	0.40	24.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	84.83	21.000	2.06	1.93	0.19	13.6	31.9

Current Time: 25.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	131.08	21.000	2.33	2.33	0.23	16.8	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	25.20	21.000	1.54	2.78	0.09	10.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	1.85	0.24	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	153.99	21.000	2.43	2.14	0.27	18.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	0.80	0.22	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,162.40	20.000	3.84	3.74	0.62	27.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,207.18	20.000	3.88	3.84	0.62	22.4	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,227.87	20.000	3.90	3.58	0.65	23.0	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,229.47	20.000	3.58	3.73	0.66	44.7	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,132.81	20.000	4.01	4.28	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	0.77	0.13	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	0.68	0.13	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	2.44	0.07	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	14.00	21.000	1.32	0.75	0.10	8.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	30.00	21.000	1.62	1.00	0.14	13.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	66.00	21.000	1.92	0.89	0.22	16.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	74.20	21.000	1.93	1.47	0.18	10.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	107.60	21.000	2.13	2.13	0.20	15.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	107.61	22.000	2.13	1.30	0.24	13.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	2.58	0.06	7.0	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 25.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	12.40	21.000	1.29	0.65	0.10	8.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	31.00	21.000	1.63	1.16	0.14	11.9	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	49.60	21.000	1.85	1.34	0.17	14.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	62.00	21.000	1.47	0.84	0.24	22.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	240.19	21.000	2.54	2.42	0.29	15.2	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	256.18	21.000	2.59	2.58	0.29	14.7	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	256.77	21.000	2.59	2.88	0.28	21.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	271.38	21.000	2.54	2.41	0.29	14.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	3.41	0.09	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	25.60	21.000	1.55	1.30	0.12	11.4	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	32.40	21.000	1.65	1.75	0.12	17.5	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	32.40	22.000	1.55	0.13	0.39	6.9	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,548.99	21.000	3.90	3.89	0.65	17.2	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,555.58	21.000	3.90	3.82	0.66	24.3	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,604.90	21.000	3.94	3.91	0.66	25.1	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	745.20	20.000	3.51	6.67	0.42	25.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	745.20	20.000	3.51	3.00	0.54	30.3	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	281.32	21.000	2.62	1.34	0.46	34.4	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,132.83	20.000	4.28	9.88	0.59	21.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,620.47	21.000	3.95	9.82	0.51	17.5	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,044.52	21.000	3.72	8.01	0.45	22.1	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	6.40	21.000	1.08	1.55	0.05	6.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	3.29	0.10	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	37.13	21.000	1.65	0.39	0.23	10.5	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	1.55	0.03	3.6	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.80	21.000	0.87	0.27	0.06	3.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	42.60	21.000	1.66	1.08	0.15	8.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	76.21	21.000	1.94	0.88	0.23	10.5	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	131.16	21.000	2.33	1.70	0.26	25.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	13.60	21.000	1.31	0.82	0.09	9.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	29.25	21.000	1.55	0.52	0.17	8.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	0.95	0.21	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	292.31	21.000	2.59	2.46	0.31	10.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	315.00	21.000	2.65	0.96	0.48	11.9	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.14	0.07	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	22.00	21.000	1.49	1.35	0.10	11.5	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	1.04	0.05	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	6.40	21.000	1.04	1.08	0.05	8.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	224.67	21.000	2.61	6.57	0.22	15.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	203.58	21.000	2.53	2.25	0.29	18.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	240.48	21.000	2.66	2.24	0.32	20.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	25.20	21.000	1.49	1.09	0.11	7.6	31.9

Current Time: 26.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 26.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	60.40	21.000	1.88	1.17	0.19	11.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	23.05	21.000	1.51	2.71	0.09	10.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	0.65	0.18	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	141.50	21.000	2.37	2.04	0.26	18.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.28	0.18	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,159.65	20.000	3.83	3.80	0.61	27.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,175.75	20.000	3.85	3.80	0.62	22.1	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,201.35	20.000	3.88	3.53	0.64	22.7	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,216.39	20.000	3.57	3.73	0.66	44.4	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,132.80	20.000	4.01	4.28	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	3.30	20.000	0.90	0.02	0.35	4.2	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	8.85	20.000	1.17	0.37	0.10	7.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	7.80	20.000	1.14	0.33	0.10	7.3	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	5.25	20.000	1.03	0.61	0.06	5.0	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	10.74	21.000	1.24	0.78	0.08	7.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	20.00	21.000	1.45	0.92	0.11	11.4	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	42.00	21.000	1.71	0.57	0.21	13.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	51.95	21.000	1.75	1.27	0.16	9.0	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	80.42	21.000	1.96	1.59	0.19	13.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	107.60	22.000	2.13	1.31	0.24	13.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	4.65	20.000	1.00	0.55	0.06	4.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	10.39	21.000	1.22	0.79	0.08	7.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	18.81	21.000	1.43	0.92	0.11	9.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	34.06	21.000	1.67	1.14	0.14	12.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	46.04	21.000	1.35	0.63	0.22	19.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	237.10	21.000	2.53	2.48	0.29	15.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	244.61	21.000	2.55	2.51	0.29	14.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	250.63	21.000	2.57	2.86	0.28	21.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	257.93	21.000	2.51	2.42	0.28	13.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	9.60	20.000	1.20	0.64	0.08	6.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	22.15	21.000	1.48	1.28	0.11	10.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	27.18	21.000	1.57	1.66	0.11	16.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	32.40	22.000	1.55	0.13	0.38	6.9	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,523.10	21.000	3.88	3.87	0.65	17.1	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,530.50	21.000	3.88	3.80	0.65	24.1	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,576.53	21.000	3.92	3.92	0.66	24.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	736.95	20.000	3.50	3.48	0.51	25.5	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	743.84	20.000	3.51	3.02	0.54	30.2	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	275.57	21.000	2.60	1.32	0.46	34.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,132.80	20.000	4.28	9.88	0.59	21.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,578.02	21.000	3.92	9.74	0.50	17.2	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,032.77	21.000	3.70	7.98	0.45	22.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	6.40	21.000	1.08	1.55	0.05	6.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	0.56	0.10	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	36.18	21.000	1.64	0.38	0.23	10.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	1.05	20.000	0.70	0.33	0.03	2.2	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 26.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.80	21.000	0.87	0.45	0.05	3.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	34.35	21.000	1.58	1.15	0.13	7.7	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	52.65	21.000	1.76	0.65	0.21	8.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	116.41	21.000	2.25	1.60	0.25	24.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	6.85	21.000	1.10	0.55	0.07	6.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	19.45	21.000	1.39	0.60	0.12	7.4	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.34	0.17	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	269.96	21.000	2.54	2.44	0.29	10.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	285.95	21.000	2.58	0.88	0.47	11.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	0.75	20.000	0.64	0.09	0.04	2.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	9.50	21.000	1.20	0.62	0.08	7.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	2.40	20.000	0.84	0.44	0.04	3.2	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	5.37	21.000	0.98	0.91	0.05	7.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	207.15	21.000	2.54	6.42	0.21	14.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	192.94	21.000	2.49	2.32	0.28	17.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	213.25	21.000	2.57	2.01	0.31	18.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	25.14	21.000	1.49	1.27	0.11	7.6	31.9

Current Time: 27.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	44.90	21.000	1.74	1.74	0.14	10.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	9.45	21.000	1.20	2.05	0.06	6.8	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1.65	20.000	0.68	0.01	0.18	1.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	355.35	20.000	2.73	1.49	0.42	12.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	828.40	20.000	3.47	2.77	0.56	18.9	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,021.86	20.000	3.41	3.50	0.60	40.3	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	3.30	20.000	0.57	0.01	0.40	1.8	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	3.30	20.000	0.90	1.46	0.03	4.2	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	8.85	20.000	1.17	0.59	0.08	7.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	7.80	20.000	1.14	0.52	0.08	7.3	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	5.25	20.000	1.03	1.80	0.04	5.0	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	5.25	21.000	1.03	0.58	0.06	5.3	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	11.25	21.000	1.25	0.80	0.08	8.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	23.25	21.000	1.46	0.64	0.13	10.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	27.83	21.000	1.49	1.13	0.11	6.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	40.35	21.000	1.64	1.64	0.12	9.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	40.35	22.000	1.64	1.00	0.15	8.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	4.65	20.000	1.00	1.94	0.04	4.4	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 27.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	4.65	21.000	1.00	0.50	0.06	5.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	11.62	21.000	1.26	0.89	0.08	7.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	18.60	21.000	1.42	1.00	0.10	9.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	23.25	21.000	1.10	0.64	0.14	14.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	88.50	21.000	1.94	1.85	0.17	9.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	94.46	21.000	1.98	1.98	0.18	9.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	94.61	21.000	1.98	2.14	0.17	13.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	100.00	21.000	1.95	1.86	0.18	8.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	9.60	20.000	1.20	2.51	0.05	6.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	9.60	21.000	1.20	1.01	0.07	7.2	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	12.15	21.000	1.28	1.31	0.07	10.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	12.15	22.000	1.20	0.06	0.33	4.4	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,299.93	21.000	3.71	3.70	0.59	15.8	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,302.02	21.000	3.71	3.68	0.60	22.2	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,319.01	21.000	3.72	3.72	0.60	22.7	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	4.95	20.000	0.93	0.03	0.25	2.4	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	616.67	20.000	3.32	2.98	0.48	27.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	0.54	0.35	19.8	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,087.43	20.000	4.26	9.82	0.59	20.8	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,323.18	21.000	3.73	9.24	0.46	15.8	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	798.77	21.000	3.43	7.40	0.40	19.4	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	2.40	21.000	0.84	1.16	0.03	4.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	1.05	20.000	0.70	1.17	0.02	2.2	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	1.05	21.000	0.70	0.21	0.03	2.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	18.60	21.000	1.34	0.92	0.09	5.8	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	31.20	21.000	1.54	0.75	0.14	6.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	44.92	21.000	1.74	1.20	0.16	15.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	5.10	21.000	1.02	0.63	0.06	5.8	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	10.96	21.000	1.20	0.42	0.10	5.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.03	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	106.89	21.000	1.99	1.88	0.18	6.7	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	115.18	21.000	2.03	0.39	0.39	7.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	0.75	20.000	0.64	0.10	0.04	2.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	8.25	21.000	1.15	1.04	0.06	7.3	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	2.40	20.000	0.84	0.77	0.03	3.2	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	2.40	21.000	0.77	0.84	0.03	5.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	81.88	21.000	1.97	4.86	0.13	9.4	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	9.45	21.000	1.15	0.75	0.07	4.8	31.9

Current Time: 28.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 28.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	46.52	21.000	1.75	3.53	0.11	10.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	10.74	21.000	1.24	2.13	0.06	7.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	3.30	20.000	0.81	0.20	0.06	1.7	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	21.49	20.000	1.32	0.93	0.09	3.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	34.44	20.000	1.48	1.38	0.10	4.2	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	30.34	20.000	1.22	0.50	0.15	7.1	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	3.30	20.000	0.57	0.78	0.03	1.8	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	6.60	20.000	1.08	1.78	0.05	5.9	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	17.70	20.000	1.40	0.89	0.11	10.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	15.60	20.000	1.36	0.78	0.10	10.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	10.50	20.000	1.22	2.21	0.06	6.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	7.21	21.000	1.11	0.58	0.07	6.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	17.25	21.000	1.39	1.22	0.09	10.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	23.25	21.000	1.46	0.63	0.13	10.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	41.17	21.000	1.65	1.31	0.13	8.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	56.66	21.000	1.80	2.61	0.13	11.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	40.35	22.000	1.64	0.99	0.15	8.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	9.30	20.000	1.19	2.37	0.05	6.1	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	5.86	21.000	1.06	0.44	0.07	5.9	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	18.94	21.000	1.43	1.07	0.10	9.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	27.92	21.000	1.58	1.18	0.13	10.9	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	32.82	21.000	1.22	0.89	0.16	16.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	89.85	21.000	1.95	1.80	0.18	9.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	100.55	21.000	2.02	3.83	0.15	9.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	96.95	21.000	1.99	2.16	0.17	13.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	106.02	21.000	1.98	1.94	0.18	8.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	19.20	20.000	1.44	3.12	0.07	8.2	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	11.67	21.000	1.26	1.03	0.08	7.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	15.28	21.000	1.35	1.40	0.08	12.2	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	12.15	22.000	1.20	0.24	0.13	4.4	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	147.61	21.000	2.07	4.74	0.15	5.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	147.18	21.000	2.07	1.98	0.20	7.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	155.93	21.000	2.10	2.89	0.18	8.1	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	9.90	20.000	1.11	1.82	0.05	3.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	5.76	20.000	0.97	0.11	0.11	2.9	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	2.06	0.19	19.8	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	3.30	20.000	0.78	1.39	0.02	1.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	155.13	21.000	2.10	4.85	0.16	5.7	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	113.73	21.000	2.02	4.13	0.15	7.6	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	2.40	21.000	0.84	1.16	0.03	4.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.10	20.000	0.81	1.41	0.03	3.2	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 28.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	1.05	21.000	0.70	0.14	0.04	2.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	21.75	21.000	1.40	0.82	0.11	6.2	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	44.77	21.000	1.68	1.05	0.15	8.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	45.22	21.000	1.74	1.18	0.16	15.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	9.15	21.000	1.19	0.82	0.07	7.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	16.80	21.000	1.34	0.63	0.11	6.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.03	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	109.24	21.000	2.00	1.83	0.19	6.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	123.29	21.000	2.06	2.02	0.19	7.6	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	1.50	20.000	0.74	0.13	0.06	2.9	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	15.75	21.000	1.37	1.98	0.08	9.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	4.80	20.000	1.00	1.96	0.04	4.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	3.02	21.000	0.82	0.89	0.04	5.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	84.87	21.000	1.99	4.91	0.14	9.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	9.48	21.000	1.15	0.67	0.08	4.8	31.9

Current Time: 29.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	55.82	21.000	1.84	3.73	0.12	11.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	18.90	21.000	1.43	2.54	0.08	9.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	3.30	20.000	0.81	0.20	0.06	1.7	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	21.97	20.000	1.32	0.89	0.09	3.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	37.50	20.000	1.52	1.27	0.11	4.3	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	38.70	20.000	1.31	0.43	0.19	8.0	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	6.60	20.000	0.71	0.95	0.05	2.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	6.60	20.000	1.08	1.78	0.05	5.9	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	17.70	20.000	1.40	0.71	0.12	10.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	15.60	20.000	1.36	0.63	0.11	10.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	10.50	20.000	1.22	2.21	0.06	6.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	10.50	21.000	1.22	0.70	0.09	7.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	22.50	21.000	1.50	1.19	0.11	12.0	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	34.50	21.000	1.62	0.61	0.18	12.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	55.65	21.000	1.78	1.36	0.16	9.3	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	80.70	21.000	1.97	2.90	0.15	13.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	80.70	22.000	1.97	1.28	0.20	11.5	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	9.30	20.000	1.19	2.37	0.05	6.1	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 29.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	9.30	21.000	1.19	0.60	0.08	7.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	23.25	21.000	1.51	1.07	0.12	10.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	37.20	21.000	1.71	1.23	0.15	12.5	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	46.50	21.000	1.35	0.82	0.20	19.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	164.61	21.000	2.29	2.18	0.24	12.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	176.24	21.000	2.34	4.55	0.20	12.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	176.15	21.000	2.34	2.58	0.24	18.2	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	186.38	21.000	2.30	2.25	0.24	11.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	19.20	20.000	1.44	3.12	0.07	8.2	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	19.20	21.000	1.44	1.21	0.10	10.0	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	24.30	21.000	1.53	1.61	0.10	15.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	24.30	22.000	1.44	0.32	0.18	6.1	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	248.06	21.000	2.37	2.36	0.26	7.2	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	249.75	21.000	2.37	2.22	0.26	10.0	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	274.11	21.000	2.43	3.43	0.24	10.6	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	9.90	20.000	1.11	1.82	0.05	3.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	9.90	20.000	1.11	0.19	0.12	3.8	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	2.05	0.19	19.8	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	6.60	20.000	0.95	1.73	0.03	1.4	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	271.66	21.000	2.43	5.74	0.21	7.4	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	118.41	21.000	2.04	4.18	0.15	7.7	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	4.80	21.000	1.00	1.43	0.04	5.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.10	20.000	0.81	1.41	0.03	3.2	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.10	21.000	0.81	0.25	0.05	3.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	31.20	21.000	1.54	0.99	0.13	7.3	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	56.40	21.000	1.79	1.04	0.18	9.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	55.80	21.000	1.84	1.15	0.18	16.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	10.20	21.000	1.22	0.76	0.08	7.9	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	21.89	21.000	1.44	0.72	0.12	7.8	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	192.69	21.000	2.32	2.20	0.25	8.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	207.90	21.000	2.37	2.33	0.25	9.8	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	1.50	20.000	0.74	0.13	0.06	2.9	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	16.50	21.000	1.38	1.25	0.09	10.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	4.80	20.000	1.00	0.95	0.05	4.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	4.80	21.000	0.95	1.00	0.05	7.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	117.87	21.000	2.18	5.42	0.16	11.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	18.90	21.000	1.38	1.03	0.10	6.6	31.9

Current Time: 30.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	102.33	21.000	2.17	4.47	0.17	14.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	28.81	21.000	1.60	2.89	0.10	11.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	67.86	20.000	2.02	4.40	0.14	15.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	57.57	21.000	1.85	1.67	0.16	11.7	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	33.06	20.000	1.66	1.09	0.14	10.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,173.95	20.000	3.85	6.67	0.51	27.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	888.33	20.000	3.54	8.32	0.41	19.2	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	471.54	20.000	2.95	6.73	0.30	14.4	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	241.08	20.000	2.26	2.29	0.29	19.2	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,130.60	20.000	4.01	4.28	0.79	40.2	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	31.90	20.000	1.64	0.20	0.39	12.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	85.55	20.000	2.15	1.64	0.22	23.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	75.40	20.000	2.08	1.45	0.22	21.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	50.75	20.000	1.86	3.57	0.13	14.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	25.52	21.000	1.55	0.75	0.14	11.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	68.50	21.000	2.03	2.94	0.16	20.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	46.50	21.000	1.75	0.78	0.19	14.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	158.00	21.000	2.36	1.95	0.26	15.3	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	205.75	21.000	2.54	3.83	0.25	21.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	80.70	22.000	1.97	1.22	0.21	11.5	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	44.95	20.000	1.80	3.84	0.11	12.8	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	18.55	21.000	1.42	0.49	0.14	10.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	79.33	21.000	2.11	1.69	0.21	18.8	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	108.68	21.000	2.31	1.86	0.25	21.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	119.91	21.000	1.78	2.02	0.25	32.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	176.20	21.000	2.34	1.95	0.26	13.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	225.11	21.000	2.50	4.89	0.22	13.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	197.45	21.000	2.41	2.26	0.26	19.2	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	237.70	21.000	2.45	3.87	0.23	13.1	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	92.80	20.000	2.21	4.99	0.16	17.6	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	35.06	21.000	1.69	1.33	0.14	13.3	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	48.32	21.000	1.84	1.97	0.15	21.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	24.30	22.000	1.44	0.31	0.19	6.1	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	311.17	21.000	2.52	5.92	0.22	8.0	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	300.57	21.000	2.49	3.60	0.25	10.9	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	290.88	21.000	2.48	3.49	0.25	10.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	779.85	20.000	3.57	6.76	0.43	26.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	136.41	20.000	2.18	1.70	0.23	13.0	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	98.09	21.000	1.93	1.39	0.23	20.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	46.48	20.000	1.54	3.13	0.09	3.4	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	284.64	21.000	2.46	5.82	0.21	7.6	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	212.19	21.000	2.38	4.98	0.20	10.2	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	4.80	21.000	1.00	1.43	0.04	5.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	24.75	20.000	1.48	2.90	0.08	7.6	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.85	21.000	1.25	0.28	0.14	6.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.15	20.000	1.22	2.30	0.06	6.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.10	21.000	0.81	0.09	0.08	3.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	57.35	21.000	1.80	0.85	0.20	9.8	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	161.07	21.000	2.37	4.86	0.20	15.0	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	65.43	21.000	1.92	1.14	0.20	18.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	41.25	21.000	1.76	1.36	0.15	15.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	66.75	21.000	1.93	1.41	0.19	13.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	34.80	20.000	1.65	1.27	0.14	19.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	225.44	21.000	2.42	2.03	0.28	9.5	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	286.27	21.000	2.58	5.74	0.23	11.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.25	20.000	1.11	0.20	0.12	6.0	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	74.00	21.000	2.07	3.14	0.16	20.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	23.20	20.000	1.51	3.16	0.08	9.3	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	9.52	21.000	1.17	1.20	0.07	10.0	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	147.64	21.000	2.31	5.81	0.18	12.5	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	73.18	21.000	1.92	1.60	0.18	11.2	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	93.78	21.000	2.05	1.85	0.19	12.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	19.17	21.000	1.39	0.67	0.12	6.7	31.9

Current Time: 31.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	173.60	21.000	2.52	5.22	0.22	19.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	91.35	21.000	2.19	4.08	0.17	20.0	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	67.86	20.000	2.02	1.64	0.19	15.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	102.66	21.000	2.17	1.91	0.22	15.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	33.06	20.000	1.66	0.70	0.17	10.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,173.95	20.000	3.85	3.73	0.62	27.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,230.42	20.000	3.91	3.75	0.64	22.6	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,305.46	20.000	3.98	3.63	0.67	23.7	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,311.26	20.000	3.65	3.09	0.74	46.3	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,155.88	20.000	4.03	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	31.90	20.000	1.64	0.20	0.39	12.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	85.55	20.000	2.15	1.14	0.26	23.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	75.40	20.000	2.08	1.01	0.25	21.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	50.75	20.000	1.86	3.57	0.13	14.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	50.75	21.000	1.86	1.08	0.19	15.6	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	108.75	21.000	2.31	2.20	0.23	26.0	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	132.75	21.000	2.33	0.83	0.38	23.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	268.97	21.000	2.75	2.11	0.36	19.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	390.05	21.000	3.06	4.60	0.34	29.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	390.04	22.000	3.06	2.12	0.45	24.8	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	44.95	20.000	1.80	3.84	0.11	12.8	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 31.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	44.95	21.000	1.80	0.93	0.19	15.5	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	112.38	21.000	2.33	1.68	0.26	22.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	179.80	21.000	2.69	1.99	0.33	27.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	224.75	21.000	2.11	1.41	0.45	44.9	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	761.34	21.000	3.54	3.37	0.53	26.8	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	817.41	21.000	3.62	7.14	0.43	26.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	816.70	21.000	3.62	3.99	0.52	39.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	865.75	21.000	3.51	3.48	0.53	24.8	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	92.80	20.000	2.21	4.99	0.16	17.6	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	92.80	21.000	2.21	1.87	0.22	21.4	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	117.45	21.000	2.36	2.55	0.23	33.6	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	117.45	22.000	2.18	0.38	0.51	12.8	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,267.20	21.000	4.36	4.35	0.79	20.7	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,273.73	21.000	4.37	4.22	0.80	29.5	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,385.23	21.000	4.43	6.49	0.71	30.7	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	779.85	20.000	3.57	6.76	0.43	26.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	779.85	20.000	3.57	3.16	0.55	31.0	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	188.37	21.000	2.34	0.90	0.43	27.9	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,155.86	20.000	4.30	9.91	0.60	21.2	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,366.41	21.000	4.42	10.97	0.62	21.0	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,033.47	21.000	3.71	7.98	0.45	22.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	23.20	21.000	1.51	2.30	0.09	11.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	24.75	20.000	1.48	2.90	0.08	7.6	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	24.75	21.000	1.48	0.34	0.19	8.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.15	20.000	1.22	2.30	0.06	6.6	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.15	21.000	1.22	0.38	0.11	6.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	129.79	21.000	2.24	1.39	0.27	14.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	251.59	21.000	2.69	1.82	0.36	18.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	173.51	21.000	2.52	1.43	0.34	29.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	49.30	21.000	1.85	1.17	0.18	17.0	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	105.79	21.000	2.19	1.53	0.24	16.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	34.80	20.000	1.65	0.84	0.17	19.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	877.16	21.000	3.53	3.34	0.54	18.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	949.79	21.000	3.61	2.24	0.67	20.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.25	20.000	1.11	0.19	0.13	6.0	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	79.75	21.000	2.11	1.92	0.20	21.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	23.20	20.000	1.51	3.16	0.08	9.3	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	23.20	21.000	1.51	1.53	0.10	15.3	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	436.25	21.000	3.16	8.00	0.31	21.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	135.72	21.000	2.26	2.01	0.24	15.1	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	160.32	21.000	2.37	1.99	0.26	16.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	91.35	21.000	2.10	1.75	0.21	14.1	31.9

Current Time: 32.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 32.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	242.31	21.000	2.78	5.76	0.26	22.8	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	87.47	21.000	2.17	4.03	0.17	19.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	141.38	20.000	2.50	5.46	0.20	22.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	116.19	21.000	2.25	2.03	0.23	16.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	68.87	20.000	2.03	1.39	0.21	15.3	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,169.00	20.000	3.84	3.69	0.62	27.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,242.63	20.000	3.92	3.82	0.64	22.7	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,287.45	20.000	3.96	3.60	0.67	23.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,301.26	20.000	3.64	3.07	0.74	46.1	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,155.90	20.000	4.03	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	22.00	20.000	1.49	0.14	0.38	10.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	59.00	20.000	1.94	0.88	0.23	19.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	52.00	20.000	1.87	0.77	0.23	18.0	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	35.00	20.000	1.69	1.41	0.14	12.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	44.87	21.000	1.80	1.08	0.18	14.7	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	90.75	21.000	2.19	1.61	0.23	23.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	158.75	21.000	2.45	1.00	0.39	26.0	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	228.93	21.000	2.62	1.97	0.33	18.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	341.12	21.000	2.94	2.68	0.38	27.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	390.05	22.000	3.06	2.13	0.45	24.8	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	31.00	20.000	1.63	1.32	0.13	10.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	41.33	21.000	1.76	1.00	0.17	14.9	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	90.43	21.000	2.19	1.52	0.24	20.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	151.83	21.000	2.55	1.85	0.31	24.8	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	196.03	21.000	2.04	1.23	0.43	41.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	757.55	21.000	3.54	3.41	0.52	26.8	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	799.54	21.000	3.59	3.56	0.53	25.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	810.36	21.000	3.61	3.99	0.51	39.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	848.69	21.000	3.49	3.39	0.52	24.5	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	64.00	20.000	1.98	1.60	0.19	14.7	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	86.59	21.000	2.16	1.85	0.21	20.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	108.05	21.000	2.31	2.49	0.22	32.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	117.45	22.000	2.18	0.38	0.51	12.8	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,259.07	21.000	4.36	4.34	0.79	20.7	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,272.68	21.000	4.37	4.19	0.81	29.5	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,411.22	21.000	4.44	4.44	0.82	30.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	765.00	20.000	3.55	3.51	0.52	26.0	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	777.41	20.000	3.56	3.20	0.55	30.9	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	194.91	21.000	2.36	0.94	0.43	28.4	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,155.90	20.000	4.30	9.91	0.60	21.2	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,413.47	21.000	4.45	11.04	0.62	21.2	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,012.46	21.000	3.68	7.93	0.45	21.8	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	23.20	21.000	1.51	2.30	0.09	11.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	51.56	20.000	1.80	3.63	0.12	10.8	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	25.78	21.000	1.50	0.35	0.19	8.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	7.00	20.000	1.10	0.84	0.06	5.5	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 32.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.15	21.000	1.22	0.47	0.10	6.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	124.35	21.000	2.21	1.50	0.25	14.2	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	212.12	21.000	2.57	1.53	0.35	17.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	187.87	21.000	2.58	1.54	0.35	30.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	37.15	21.000	1.71	1.00	0.16	14.8	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	88.30	21.000	2.08	1.01	0.26	15.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	72.50	20.000	2.05	1.61	0.20	27.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	885.78	21.000	3.54	3.40	0.54	18.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	935.71	21.000	3.60	2.21	0.67	20.2	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	5.00	20.000	1.02	0.17	0.11	5.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	57.25	21.000	1.93	1.42	0.18	18.3	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	16.00	20.000	1.37	1.11	0.09	7.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	21.35	21.000	1.48	1.39	0.10	14.7	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	440.50	21.000	3.18	8.02	0.31	21.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	147.24	21.000	2.31	1.93	0.25	15.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	189.82	21.000	2.48	2.30	0.28	17.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	91.25	21.000	2.10	1.81	0.21	14.1	31.9

Current Time: 33.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	214.42	21.000	2.67	2.67	0.30	21.5	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	63.00	21.000	1.98	3.66	0.14	16.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	141.38	20.000	2.50	2.05	0.28	22.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	213.87	21.000	2.67	2.37	0.32	22.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	68.87	20.000	2.03	0.89	0.25	15.3	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	11.00	20.000	1.10	0.07	0.21	2.9	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	421.59	20.000	2.87	1.62	0.45	13.4	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	938.62	20.000	3.60	2.90	0.59	20.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,135.49	20.000	3.51	2.88	0.69	42.7	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	22.01	20.000	1.03	0.04	0.42	4.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	22.00	20.000	1.49	2.58	0.08	10.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	59.00	20.000	1.94	1.01	0.22	19.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	52.00	20.000	1.87	0.89	0.21	18.0	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	35.00	20.000	1.69	3.21	0.10	12.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	35.00	21.000	1.69	0.97	0.16	13.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	75.00	21.000	2.08	1.58	0.21	21.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	125.00	21.000	2.29	0.95	0.33	23.1	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	185.50	21.000	2.47	1.89	0.29	16.6	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	269.00	21.000	2.75	2.75	0.32	24.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	269.00	22.000	2.75	1.80	0.38	20.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	31.00	20.000	1.63	3.43	0.10	10.7	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 33.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	31.00	21.000	1.63	0.84	0.15	13.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	77.50	21.000	2.10	1.50	0.22	18.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	124.00	21.000	2.40	1.77	0.27	22.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	155.00	21.000	1.91	1.18	0.37	36.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	559.28	21.000	3.23	3.08	0.45	23.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	598.46	21.000	3.29	3.29	0.46	22.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	598.74	21.000	3.29	3.67	0.44	33.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	633.62	21.000	3.21	3.11	0.45	21.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	64.00	20.000	1.98	4.47	0.14	14.7	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	64.00	21.000	1.98	1.68	0.18	17.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	81.00	21.000	2.12	2.29	0.19	27.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	81.00	22.000	1.97	0.28	0.47	10.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,018.05	21.000	4.21	4.20	0.75	19.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,027.24	21.000	4.22	4.09	0.76	27.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,122.27	21.000	4.28	4.27	0.77	28.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	33.00	20.000	1.51	0.17	0.29	5.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	644.72	20.000	3.37	2.42	0.54	28.1	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	390.51	21.000	2.86	1.74	0.51	41.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,106.13	20.000	4.27	9.84	0.59	20.9	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,129.52	21.000	4.28	10.64	0.58	20.0	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,160.58	21.000	3.84	8.26	0.48	23.3	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	16.00	21.000	1.37	2.06	0.07	9.7	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	51.56	20.000	1.80	3.63	0.12	10.8	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	51.56	21.000	1.80	0.43	0.28	12.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	7.00	20.000	1.10	2.06	0.05	5.5	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	7.00	21.000	1.10	0.34	0.09	5.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	96.00	21.000	2.06	1.31	0.23	12.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	180.01	21.000	2.45	1.34	0.33	15.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	214.45	21.000	2.67	1.82	0.35	32.9	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	34.00	21.000	1.67	1.05	0.15	14.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	73.02	21.000	1.98	0.91	0.24	13.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	72.50	20.000	2.05	1.05	0.24	27.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.09	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	661.45	21.000	3.25	3.08	0.46	16.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	714.14	21.000	3.32	1.81	0.61	17.7	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	5.00	20.000	1.02	0.17	0.10	5.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	55.00	21.000	1.91	1.73	0.17	17.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	16.00	20.000	1.37	2.80	0.07	7.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	16.00	21.000	1.37	1.37	0.09	12.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	418.30	21.000	3.13	7.90	0.31	20.8	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	282.75	21.000	2.78	2.47	0.35	21.6	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	334.00	21.000	2.92	2.45	0.39	23.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	63.00	21.000	1.90	1.50	0.18	11.8	31.9

Current Time: 34.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 34.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	165.31	21.000	2.48	2.14	0.28	18.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	59.98	21.000	1.95	3.60	0.14	16.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	96.14	20.000	2.23	1.43	0.25	18.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	205.55	21.000	2.64	2.32	0.31	21.7	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	46.84	20.000	1.82	0.62	0.24	12.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	7.15	20.000	0.99	0.21	0.09	2.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	56.69	20.000	1.68	1.06	0.15	5.2	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	105.37	20.000	1.98	1.58	0.19	7.0	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	124.06	20.000	1.86	0.58	0.34	13.9	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	22.00	20.000	1.03	1.28	0.08	4.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	14.30	20.000	1.33	1.20	0.08	8.4	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	38.35	20.000	1.73	0.75	0.19	15.7	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	33.80	20.000	1.67	0.66	0.18	14.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	22.75	20.000	1.50	1.21	0.11	9.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	30.43	21.000	1.62	0.98	0.14	12.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	61.00	21.000	1.96	1.41	0.19	19.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	109.00	21.000	2.20	0.83	0.33	21.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	154.35	21.000	2.35	1.75	0.27	15.2	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	230.94	21.000	2.63	2.36	0.31	22.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	269.00	22.000	2.75	1.81	0.38	20.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	20.15	20.000	1.46	1.14	0.10	8.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	28.18	21.000	1.59	0.91	0.14	12.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	60.43	21.000	1.96	1.34	0.19	16.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	102.24	21.000	2.27	1.63	0.25	20.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	132.66	21.000	1.83	1.01	0.36	33.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	555.50	21.000	3.22	3.11	0.44	22.9	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	583.18	21.000	3.26	3.23	0.45	22.0	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	591.60	21.000	3.28	3.65	0.44	33.5	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	617.00	21.000	3.19	3.09	0.44	20.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	41.60	20.000	1.76	1.37	0.15	12.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	59.17	21.000	1.95	1.66	0.18	17.1	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	73.69	21.000	2.07	2.23	0.18	26.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	81.00	22.000	1.97	0.45	0.34	10.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	834.89	21.000	3.28	3.24	0.47	12.7	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	847.23	21.000	3.29	3.03	0.49	18.0	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	948.34	21.000	3.39	3.39	0.51	19.3	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	21.45	20.000	1.35	1.02	0.09	4.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	31.10	20.000	1.48	0.22	0.24	6.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	387.92	21.000	2.86	3.06	0.40	40.9	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	22.00	20.000	1.28	2.47	0.06	2.4	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	950.32	21.000	3.40	8.38	0.39	13.5	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	452.11	21.000	2.92	6.25	0.30	14.7	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	16.00	21.000	1.37	2.06	0.07	9.7	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	35.06	20.000	1.62	1.23	0.13	9.0	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	50.93	21.000	1.79	0.43	0.28	12.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	4.55	20.000	0.99	0.71	0.05	4.5	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 34.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	7.00	21.000	1.10	0.44	0.08	5.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	89.65	21.000	2.02	1.40	0.21	12.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	148.64	21.000	2.32	1.14	0.32	14.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	204.24	21.000	2.64	1.77	0.35	32.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	24.55	21.000	1.53	0.88	0.13	12.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	59.35	21.000	1.87	0.89	0.21	12.5	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	49.30	20.000	1.83	0.74	0.22	22.8	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.09	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	643.19	21.000	3.23	3.09	0.46	15.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	684.11	21.000	3.28	3.19	0.47	17.3	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.25	20.000	0.90	0.15	0.08	4.2	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	37.50	21.000	1.72	1.22	0.15	14.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	10.40	20.000	1.22	0.95	0.07	6.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	14.56	21.000	1.34	1.25	0.08	12.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	403.13	21.000	3.09	7.81	0.30	20.4	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	275.66	21.000	2.76	2.51	0.34	21.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	315.84	21.000	2.87	2.33	0.38	22.9	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	62.92	21.000	1.90	1.58	0.17	11.8	31.9

Current Time: 35.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	143.62	21.000	2.38	2.38	0.25	17.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	40.95	21.000	1.76	3.22	0.11	13.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	96.14	20.000	2.23	1.82	0.23	18.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	145.44	21.000	2.39	2.11	0.26	18.3	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	46.84	20.000	1.82	0.78	0.21	12.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	7.15	20.000	0.99	0.22	0.09	2.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	55.56	20.000	1.68	1.18	0.15	5.1	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	89.20	20.000	1.90	1.65	0.17	6.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	91.80	20.000	1.69	0.57	0.28	12.0	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	14.31	20.000	0.90	1.14	0.07	3.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	14.30	20.000	1.33	2.27	0.07	8.4	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	38.35	20.000	1.73	0.89	0.17	15.7	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	33.80	20.000	1.67	0.78	0.17	14.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	22.75	20.000	1.50	2.81	0.08	9.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	22.75	21.000	1.50	0.86	0.13	10.6	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	48.75	21.000	1.84	1.37	0.17	17.4	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	82.75	21.000	2.05	0.84	0.27	18.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	120.58	21.000	2.19	1.67	0.24	13.5	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	174.85	21.000	2.43	2.43	0.26	19.4	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	174.85	22.000	2.43	1.57	0.31	16.7	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	20.15	20.000	1.46	3.02	0.08	8.7	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 35.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	20.15	21.000	1.46	0.74	0.12	10.5	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	50.38	21.000	1.86	1.33	0.17	15.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	80.60	21.000	2.12	1.56	0.22	18.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	100.75	21.000	1.69	1.02	0.30	29.2	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	365.07	21.000	2.85	2.72	0.36	18.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	390.56	21.000	2.91	2.91	0.37	18.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	390.78	21.000	2.91	3.25	0.35	27.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	413.50	21.000	2.85	2.76	0.36	17.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	41.60	20.000	1.76	3.93	0.11	12.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	41.60	21.000	1.76	1.49	0.15	14.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	52.65	21.000	1.89	2.02	0.15	22.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	52.65	22.000	1.76	0.39	0.27	8.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	563.34	21.000	2.94	2.92	0.39	10.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	569.54	21.000	2.96	2.74	0.40	14.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	632.22	21.000	3.04	3.02	0.41	15.8	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	21.45	20.000	1.35	2.29	0.07	4.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	21.45	20.000	1.35	0.20	0.20	5.4	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	267.55	21.000	2.58	2.74	0.33	33.5	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	14.31	20.000	1.14	2.18	0.05	2.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	637.99	21.000	3.05	7.43	0.32	11.1	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	318.25	21.000	2.66	5.64	0.25	12.4	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	10.40	21.000	1.22	1.82	0.06	7.8	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	35.06	20.000	1.62	3.24	0.10	9.0	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	35.06	21.000	1.62	0.38	0.23	10.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	4.55	20.000	0.99	1.81	0.04	4.5	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	4.55	21.000	0.99	0.31	0.07	4.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	67.60	21.000	1.88	1.22	0.19	10.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	122.20	21.000	2.20	1.21	0.27	13.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	143.65	21.000	2.38	1.59	0.29	26.8	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	22.10	21.000	1.48	0.93	0.12	11.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	47.47	21.000	1.76	0.79	0.19	11.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	49.30	20.000	1.83	0.93	0.20	22.8	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.07	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	432.49	21.000	2.89	2.73	0.37	13.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	466.86	21.000	2.95	2.88	0.38	14.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.25	20.000	0.90	0.15	0.08	4.2	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	35.75	21.000	1.70	1.53	0.13	14.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	10.40	20.000	1.22	1.20	0.07	6.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	10.40	21.000	1.20	1.22	0.07	10.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	282.07	21.000	2.78	7.04	0.25	17.1	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	192.27	21.000	2.49	2.21	0.28	17.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	227.12	21.000	2.61	2.19	0.32	19.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	40.95	21.000	1.70	1.26	0.14	9.6	31.9

Current Time: 36.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 36.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	155.99	21.000	2.44	5.06	0.20	18.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	41.81	21.000	1.77	3.24	0.11	13.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	107.45	20.000	2.30	2.01	0.24	19.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	147.52	21.000	2.40	2.12	0.26	18.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	52.34	20.000	1.88	0.87	0.21	13.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,166.25	20.000	3.84	6.66	0.51	27.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	882.17	20.000	3.53	8.30	0.41	19.2	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	451.72	20.000	2.92	6.64	0.29	14.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	257.39	20.000	2.31	1.58	0.34	19.8	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,138.30	20.000	4.02	4.29	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	16.50	20.000	1.38	0.11	0.38	9.0	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	44.25	20.000	1.80	0.97	0.18	16.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	39.00	20.000	1.74	0.86	0.18	15.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	26.25	20.000	1.56	2.93	0.09	10.7	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	24.06	21.000	1.53	0.86	0.13	10.9	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	52.75	21.000	1.89	1.44	0.17	18.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	86.75	21.000	2.07	0.88	0.27	19.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	129.47	21.000	2.24	1.72	0.24	14.0	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	185.72	21.000	2.47	3.71	0.23	20.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	174.85	22.000	2.43	1.57	0.31	16.7	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	23.25	20.000	1.51	3.13	0.08	9.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	20.95	21.000	1.47	0.72	0.13	10.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	55.25	21.000	1.91	1.38	0.18	15.7	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	86.82	21.000	2.17	1.61	0.23	18.8	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	107.13	21.000	1.72	1.08	0.30	30.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	365.85	21.000	2.85	2.71	0.36	18.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	394.44	21.000	2.92	5.77	0.30	18.2	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	392.03	21.000	2.91	3.25	0.35	27.1	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	417.06	21.000	2.86	2.77	0.36	17.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	48.00	20.000	1.83	4.11	0.12	12.8	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	42.98	21.000	1.78	1.50	0.15	14.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	54.74	21.000	1.91	2.04	0.16	22.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	52.65	22.000	1.76	0.39	0.27	8.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	566.48	21.000	2.95	2.94	0.39	10.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	570.02	21.000	2.96	2.76	0.40	14.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	624.00	21.000	3.03	4.39	0.36	15.7	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	756.75	20.000	3.53	6.70	0.42	25.9	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	142.27	20.000	2.20	1.20	0.28	13.3	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	274.07	21.000	2.60	2.65	0.34	34.0	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	54.18	20.000	1.60	3.26	0.10	3.7	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	623.45	21.000	3.03	7.37	0.31	11.0	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	362.91	21.000	2.75	5.86	0.27	13.2	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	10.40	21.000	1.22	1.82	0.06	7.8	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	39.19	20.000	1.67	3.35	0.10	9.4	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	35.22	21.000	1.62	0.38	0.23	10.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	5.25	20.000	1.03	1.87	0.04	4.8	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 36.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	4.55	21.000	0.99	0.28	0.08	4.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	83.70	21.000	1.99	1.40	0.20	11.7	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	135.57	21.000	2.26	1.32	0.28	13.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	146.15	21.000	2.40	1.60	0.29	27.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	24.80	21.000	1.54	0.98	0.13	12.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	51.35	21.000	1.80	0.80	0.20	11.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	55.10	20.000	1.89	1.03	0.20	24.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.07	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	435.52	21.000	2.89	2.73	0.38	13.1	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	472.39	21.000	2.96	2.90	0.39	14.5	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.75	20.000	0.94	0.16	0.09	4.4	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	40.75	21.000	1.75	1.73	0.14	15.5	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	12.00	20.000	1.27	2.56	0.06	6.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	10.81	21.000	1.22	1.24	0.07	10.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	286.94	21.000	2.80	7.07	0.25	17.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	194.04	21.000	2.50	2.20	0.29	18.0	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	231.66	21.000	2.63	2.20	0.32	19.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	40.97	21.000	1.70	1.08	0.15	9.6	31.9

Current Time: 37.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	162.19	21.000	2.47	5.13	0.21	18.7	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	47.25	21.000	1.83	3.35	0.12	14.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	107.45	20.000	2.30	1.88	0.24	19.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	162.55	21.000	2.47	2.18	0.27	19.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	52.34	20.000	1.88	0.81	0.22	13.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,166.25	20.000	3.84	3.72	0.62	27.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,220.89	20.000	3.90	3.81	0.63	22.5	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,259.70	20.000	3.94	3.60	0.66	23.3	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,262.70	20.000	3.61	3.46	0.69	45.4	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,140.50	20.000	4.02	4.29	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	16.50	20.000	1.38	0.11	0.38	9.0	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	44.25	20.000	1.80	0.93	0.19	16.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	39.00	20.000	1.74	0.82	0.18	15.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	26.25	20.000	1.56	2.93	0.09	10.7	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	26.25	21.000	1.56	0.90	0.14	11.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	56.25	21.000	1.92	1.45	0.18	18.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	94.25	21.000	2.12	0.87	0.29	20.1	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	139.12	21.000	2.28	1.74	0.25	14.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	201.75	21.000	2.53	3.80	0.24	20.8	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	201.75	22.000	2.53	1.64	0.33	17.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	23.25	20.000	1.51	3.13	0.08	9.4	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 37.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	23.25	21.000	1.51	0.77	0.13	11.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	58.13	21.000	1.94	1.38	0.19	16.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	93.00	21.000	2.21	1.63	0.24	19.5	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	116.25	21.000	1.76	1.07	0.32	31.4	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	419.69	21.000	2.97	2.83	0.39	19.9	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	448.90	21.000	3.03	6.00	0.32	19.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	448.83	21.000	3.03	3.38	0.38	29.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	474.62	21.000	2.96	2.87	0.39	18.4	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	48.00	20.000	1.83	4.11	0.12	12.8	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	48.00	21.000	1.83	1.55	0.16	15.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	60.75	21.000	1.96	2.11	0.16	23.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	60.75	22.000	1.82	0.22	0.43	9.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,800.72	21.000	4.07	4.07	0.70	18.5	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,805.97	21.000	4.08	3.98	0.71	26.2	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,870.87	21.000	4.12	6.05	0.63	27.1	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	756.75	20.000	3.53	6.70	0.42	25.9	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	756.75	20.000	3.53	2.95	0.55	30.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	304.16	21.000	2.67	1.40	0.47	35.9	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,140.50	20.000	4.29	9.89	0.60	21.1	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,869.23	21.000	4.12	10.24	0.55	18.7	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,094.66	21.000	3.77	8.12	0.47	22.7	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	12.00	21.000	1.27	1.90	0.06	8.4	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	39.19	20.000	1.67	3.35	0.10	9.4	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	39.19	21.000	1.67	0.39	0.24	10.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	5.25	20.000	1.03	1.87	0.04	4.8	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	5.25	21.000	1.03	0.32	0.08	4.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	90.00	21.000	2.03	1.38	0.21	12.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	153.00	21.000	2.34	1.34	0.30	14.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	162.18	21.000	2.47	1.60	0.31	28.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	25.50	21.000	1.55	0.97	0.13	12.3	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	54.74	21.000	1.83	0.83	0.21	12.0	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	55.10	20.000	1.89	0.97	0.21	24.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	495.14	21.000	3.00	2.84	0.40	13.9	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	533.75	21.000	3.06	1.46	0.56	15.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.75	20.000	0.94	0.16	0.09	4.4	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	41.25	21.000	1.76	1.60	0.14	15.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	12.00	20.000	1.27	1.26	0.07	6.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	12.00	21.000	1.26	1.27	0.07	11.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	333.21	21.000	2.92	7.37	0.27	18.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	214.89	21.000	2.57	2.28	0.30	18.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	253.84	21.000	2.70	2.23	0.34	20.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	47.25	21.000	1.76	1.18	0.16	10.3	31.9

Current Time: 38.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 38.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	169.49	21.000	2.50	5.18	0.21	19.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	48.54	21.000	1.84	3.38	0.12	14.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	113.10	20.000	2.34	1.97	0.25	19.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	163.59	21.000	2.48	2.19	0.27	19.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	55.10	20.000	1.91	0.85	0.22	13.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,167.90	20.000	3.84	3.71	0.62	27.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,227.42	20.000	3.90	3.81	0.63	22.6	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,270.29	20.000	3.95	3.62	0.66	23.4	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,268.12	20.000	3.61	3.47	0.69	45.5	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,140.50	20.000	4.02	4.29	0.79	40.3	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	19.80	20.000	1.44	0.13	0.38	9.8	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	53.10	20.000	1.89	1.04	0.20	18.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	46.80	20.000	1.82	0.92	0.19	17.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	31.50	20.000	1.64	3.10	0.10	11.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	28.21	21.000	1.59	0.89	0.14	11.8	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	62.25	21.000	1.97	1.58	0.19	19.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	96.25	21.000	2.13	0.88	0.29	20.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	152.47	21.000	2.34	1.81	0.26	15.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	218.06	21.000	2.58	3.89	0.25	21.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	201.75	22.000	2.53	1.64	0.33	17.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	27.90	20.000	1.58	3.32	0.09	10.2	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	24.46	21.000	1.53	0.75	0.14	11.6	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	65.44	21.000	2.00	1.45	0.20	17.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	102.32	21.000	2.27	1.69	0.25	20.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	125.82	21.000	1.80	1.16	0.33	32.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	421.25	21.000	2.97	2.81	0.39	20.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	455.35	21.000	3.04	6.02	0.32	19.5	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	451.74	21.000	3.03	3.39	0.38	29.1	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	481.52	21.000	2.98	2.89	0.39	18.5	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	57.60	20.000	1.93	4.34	0.13	14.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	50.07	21.000	1.86	1.55	0.16	15.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	63.88	21.000	1.98	2.14	0.17	24.6	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	60.75	22.000	1.82	0.22	0.43	9.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,809.71	21.000	4.08	4.07	0.70	18.6	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,813.63	21.000	4.08	3.99	0.71	26.3	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,875.22	21.000	4.12	6.06	0.63	27.2	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	761.70	20.000	3.54	6.71	0.42	25.9	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	757.56	20.000	3.54	2.94	0.55	30.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	308.67	21.000	2.68	1.42	0.48	36.2	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,140.50	20.000	4.29	9.89	0.60	21.1	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,874.40	21.000	4.12	10.25	0.55	18.7	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,101.72	21.000	3.78	8.13	0.47	22.7	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	12.00	21.000	1.27	1.90	0.06	8.4	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	41.25	20.000	1.70	3.40	0.11	9.7	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	39.27	21.000	1.67	0.39	0.24	10.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	6.30	20.000	1.07	2.00	0.04	5.3	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 38.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	5.25	21.000	1.03	0.29	0.08	4.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	103.15	21.000	2.10	1.46	0.23	13.0	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	169.66	21.000	2.41	1.47	0.31	15.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	163.70	21.000	2.48	1.60	0.31	28.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	29.55	21.000	1.61	1.04	0.14	13.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	60.60	21.000	1.88	0.89	0.21	12.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	58.00	20.000	1.92	1.01	0.21	24.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	499.97	21.000	3.01	2.83	0.40	14.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	544.59	21.000	3.08	1.49	0.56	15.5	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	4.50	20.000	0.98	0.17	0.10	4.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	48.75	21.000	1.84	2.78	0.13	16.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	14.40	20.000	1.33	2.71	0.07	7.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	12.62	21.000	1.28	1.29	0.08	11.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	338.01	21.000	2.93	7.42	0.27	18.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	215.78	21.000	2.58	2.28	0.30	18.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	256.11	21.000	2.71	2.23	0.34	20.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	47.28	21.000	1.76	1.07	0.17	10.3	31.9

Current Time: 39.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	178.79	21.000	2.54	5.27	0.22	19.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	56.70	21.000	1.92	3.54	0.13	15.9	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	113.10	20.000	2.34	1.91	0.25	19.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	171.10	21.000	2.51	2.21	0.28	19.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	55.10	20.000	1.91	0.83	0.23	13.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	9.90	20.000	1.08	0.07	0.20	2.8	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	408.30	20.000	2.84	1.59	0.45	13.2	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	920.16	20.000	3.58	2.88	0.59	19.9	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,116.62	20.000	3.49	2.94	0.68	42.3	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	19.80	20.000	1.00	0.04	0.42	4.1	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	19.80	20.000	1.44	2.50	0.08	9.8	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	53.10	20.000	1.89	0.98	0.20	18.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	46.80	20.000	1.82	0.86	0.20	17.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	31.50	20.000	1.64	3.10	0.10	11.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	31.50	21.000	1.64	0.94	0.15	12.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	67.50	21.000	2.02	1.58	0.19	20.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	107.50	21.000	2.20	0.88	0.31	21.4	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	166.95	21.000	2.40	1.83	0.28	15.8	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	242.10	21.000	2.66	4.01	0.27	22.8	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	242.10	22.000	2.66	1.75	0.36	19.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	27.90	20.000	1.58	3.32	0.09	10.2	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 39.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	27.90	21.000	1.58	0.82	0.15	12.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	69.75	21.000	2.04	1.46	0.21	17.6	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	111.60	21.000	2.33	1.72	0.26	21.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	139.50	21.000	1.85	1.15	0.35	34.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	498.01	21.000	3.12	2.97	0.42	21.7	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	533.04	21.000	3.18	6.31	0.35	21.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	532.95	21.000	3.18	3.55	0.41	31.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	563.88	21.000	3.11	3.02	0.42	20.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	57.60	20.000	1.93	4.34	0.13	14.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	57.60	21.000	1.93	1.63	0.17	16.9	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	72.90	21.000	2.06	2.22	0.18	26.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	72.90	22.000	1.92	0.26	0.45	10.2	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,914.80	21.000	4.15	4.14	0.73	19.1	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,920.99	21.000	4.15	4.04	0.73	27.1	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,998.45	21.000	4.20	6.17	0.65	28.0	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	29.70	20.000	1.47	0.16	0.29	5.4	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	641.42	20.000	3.36	2.51	0.53	28.0	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	323.71	21.000	2.72	1.50	0.48	37.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,103.91	20.000	4.27	9.84	0.59	20.9	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,995.99	21.000	4.20	10.44	0.56	19.3	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,085.98	21.000	3.76	8.10	0.46	22.6	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	14.40	21.000	1.33	1.99	0.07	9.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	41.25	20.000	1.70	3.40	0.11	9.7	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	41.25	21.000	1.70	0.39	0.25	11.1	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	6.30	20.000	1.07	2.00	0.04	5.3	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	6.30	21.000	1.07	0.33	0.09	5.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	112.60	21.000	2.15	1.48	0.24	13.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	188.20	21.000	2.48	1.49	0.33	16.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	178.77	21.000	2.54	1.60	0.33	29.9	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	30.60	21.000	1.62	1.02	0.14	13.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	65.69	21.000	1.92	0.93	0.22	13.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	58.00	20.000	1.92	0.98	0.22	24.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	585.41	21.000	3.14	2.97	0.44	15.1	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	631.67	21.000	3.21	1.66	0.58	16.6	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	4.50	20.000	0.98	0.17	0.10	4.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	49.50	21.000	1.85	1.68	0.16	17.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	14.40	20.000	1.33	1.33	0.08	7.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	14.40	21.000	1.33	1.33	0.08	12.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	385.94	21.000	3.05	7.71	0.29	20.0	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	226.20	21.000	2.61	2.32	0.31	19.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	267.20	21.000	2.74	2.25	0.35	21.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	56.70	21.000	1.85	1.20	0.18	11.2	31.9

Current Time: 40.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	213.75	21.000	2.67	5.56	0.24	21.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	59.28	21.000	1.94	3.59	0.14	16.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	144.77	20.000	2.52	2.39	0.27	22.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	176.93	21.000	2.53	2.25	0.29	20.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	70.53	20.000	2.05	1.04	0.24	15.5	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	13.20	20.000	1.16	0.28	0.11	3.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	90.12	20.000	1.91	1.37	0.19	6.4	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	140.74	20.000	2.13	2.01	0.21	8.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	132.33	20.000	1.89	0.65	0.34	14.3	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	19.80	20.000	1.00	1.24	0.08	4.1	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	26.40	20.000	1.56	2.72	0.09	11.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	70.80	20.000	2.05	1.18	0.23	21.2	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	62.40	20.000	1.97	1.04	0.22	19.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	42.00	20.000	1.77	3.38	0.11	13.3	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	35.42	21.000	1.69	0.94	0.16	13.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	79.50	21.000	2.11	1.73	0.21	22.2	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	118.70	21.000	2.26	0.97	0.32	22.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	193.65	21.000	2.50	1.95	0.30	16.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	274.72	21.000	2.76	4.16	0.28	24.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	242.10	22.000	2.66	1.75	0.36	19.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	37.20	20.000	1.71	3.62	0.10	11.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	30.31	21.000	1.62	0.77	0.16	12.8	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	84.38	21.000	2.15	1.58	0.22	19.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	130.25	21.000	2.44	1.84	0.28	23.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	158.65	21.000	1.92	1.30	0.36	37.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	501.10	21.000	3.13	2.94	0.43	21.7	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	545.91	21.000	3.20	6.35	0.35	21.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	538.69	21.000	3.19	3.56	0.42	31.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	577.54	21.000	3.13	3.05	0.43	20.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	76.80	20.000	2.09	4.72	0.15	16.1	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	61.74	21.000	1.97	1.65	0.18	17.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	79.17	21.000	2.11	2.27	0.19	27.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	72.90	22.000	1.92	0.44	0.32	10.2	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	775.92	21.000	3.21	3.20	0.46	12.3	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	778.72	21.000	3.22	3.02	0.47	17.3	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	847.88	21.000	3.29	4.81	0.42	18.3	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	39.60	20.000	1.58	2.79	0.10	6.2	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	31.33	20.000	1.49	0.24	0.23	6.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	331.18	21.000	2.74	2.91	0.37	37.6	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	19.80	20.000	1.24	2.40	0.06	2.3	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	846.20	21.000	3.29	8.10	0.37	12.7	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	408.01	21.000	2.84	6.06	0.28	14.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	14.40	21.000	1.33	1.99	0.07	9.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	52.80	20.000	1.81	3.66	0.12	10.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	41.69	21.000	1.70	0.39	0.25	11.1	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	8.40	20.000	1.15	2.17	0.05	6.0	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	6.30	21.000	1.07	0.28	0.09	5.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	131.90	21.000	2.25	1.56	0.26	14.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	219.35	21.000	2.59	1.70	0.34	17.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	186.02	21.000	2.57	1.63	0.34	30.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	38.70	21.000	1.73	1.14	0.16	15.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	77.40	21.000	2.01	0.97	0.24	14.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	74.24	20.000	2.06	1.23	0.23	28.0	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	598.78	21.000	3.16	2.96	0.44	15.2	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	655.23	21.000	3.24	3.22	0.45	17.0	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.00	20.000	1.07	0.18	0.11	5.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	64.50	21.000	1.99	3.01	0.15	19.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	19.20	20.000	1.44	2.98	0.08	8.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	15.63	21.000	1.36	1.36	0.08	12.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	398.59	21.000	3.08	7.79	0.30	20.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	231.16	21.000	2.63	2.29	0.31	19.6	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	279.91	21.000	2.78	2.31	0.35	21.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	56.77	21.000	1.85	1.08	0.19	11.2	31.9

Current Time: 41.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	232.34	21.000	2.74	5.69	0.25	22.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	75.60	21.000	2.08	3.86	0.15	18.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	144.77	20.000	2.52	2.07	0.28	22.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	219.01	21.000	2.70	2.39	0.32	22.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	70.53	20.000	2.05	0.90	0.26	15.5	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	13.20	20.000	1.16	0.28	0.11	3.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	91.08	20.000	1.91	1.30	0.19	6.5	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	153.18	20.000	2.18	1.94	0.22	8.4	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	157.98	20.000	2.00	0.65	0.38	15.6	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	26.40	20.000	1.09	1.33	0.09	4.7	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	26.40	20.000	1.56	2.72	0.09	11.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	70.80	20.000	2.05	1.07	0.24	21.2	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	62.40	20.000	1.97	0.95	0.23	19.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	42.00	20.000	1.77	3.38	0.11	13.3	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	42.00	21.000	1.77	1.02	0.17	14.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	90.00	21.000	2.19	1.74	0.22	23.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	141.20	21.000	2.37	0.97	0.36	24.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	222.60	21.000	2.60	1.99	0.32	18.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	322.80	21.000	2.89	4.36	0.31	26.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	322.80	22.000	2.89	1.93	0.42	22.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	37.20	20.000	1.71	3.62	0.10	11.7	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 41.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	37.20	21.000	1.71	0.88	0.17	14.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	93.00	21.000	2.21	1.58	0.24	20.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	148.80	21.000	2.53	1.87	0.30	24.6	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	186.00	21.000	2.01	1.27	0.41	40.4	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	661.81	21.000	3.39	3.23	0.49	25.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	708.49	21.000	3.46	6.85	0.40	24.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	708.30	21.000	3.46	3.84	0.48	36.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	749.45	21.000	3.37	3.28	0.49	23.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	76.80	20.000	2.09	4.72	0.15	16.1	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	76.80	21.000	2.09	1.77	0.20	19.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	97.20	21.000	2.24	2.41	0.21	30.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	97.20	22.000	2.07	0.49	0.37	11.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,002.84	21.000	3.45	3.43	0.52	13.9	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,010.71	21.000	3.46	3.22	0.53	19.6	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,112.50	21.000	3.55	5.21	0.48	20.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	39.60	20.000	1.58	2.79	0.10	6.2	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	39.60	20.000	1.58	0.26	0.26	7.2	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	415.44	21.000	2.91	3.12	0.41	42.5	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	26.39	20.000	1.33	2.64	0.07	2.6	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,107.56	21.000	3.54	8.76	0.42	14.5	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	509.04	21.000	3.02	6.48	0.32	15.5	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	19.20	21.000	1.44	2.18	0.08	10.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	52.80	20.000	1.81	3.66	0.12	10.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	52.80	21.000	1.81	0.42	0.29	12.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	8.40	20.000	1.15	2.17	0.05	6.0	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	8.40	21.000	1.15	0.36	0.10	6.0	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	150.80	21.000	2.33	1.61	0.27	15.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	251.60	21.000	2.69	1.64	0.38	18.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	232.31	21.000	2.74	1.73	0.38	34.3	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	40.80	21.000	1.75	1.10	0.16	15.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	87.58	21.000	2.08	1.03	0.25	15.1	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	74.24	20.000	2.06	1.06	0.25	28.0	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	776.86	21.000	3.40	3.23	0.50	17.3	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	838.33	21.000	3.48	3.44	0.52	19.1	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.00	20.000	1.07	0.18	0.11	5.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	66.00	21.000	2.01	1.82	0.18	19.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	19.20	20.000	1.44	2.98	0.08	8.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	19.20	21.000	1.44	1.45	0.09	13.9	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	508.17	21.000	3.32	8.36	0.34	22.9	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	289.54	21.000	2.80	2.49	0.35	21.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	342.02	21.000	2.94	2.40	0.39	23.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	75.60	21.000	2.00	1.30	0.21	12.9	31.9

Current Time: 42.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 42.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	246.59	21.000	2.79	5.79	0.26	23.0	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	78.79	21.000	2.11	3.91	0.16	18.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	154.95	20.000	2.57	2.20	0.29	23.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	220.88	21.000	2.70	2.40	0.32	22.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	75.49	20.000	2.08	0.96	0.26	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,175.27	20.000	3.85	6.67	0.51	27.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	925.46	20.000	3.59	8.42	0.42	19.6	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	533.03	20.000	3.06	6.98	0.32	15.2	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	332.55	20.000	2.49	1.34	0.43	22.5	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,150.40	20.000	4.02	4.30	0.79	40.4	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	34.54	20.000	1.68	0.22	0.40	12.8	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	92.63	20.000	2.21	1.28	0.26	24.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	81.64	20.000	2.13	1.13	0.25	22.5	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	54.95	20.000	1.91	3.66	0.13	15.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	46.83	21.000	1.82	1.02	0.18	15.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	104.80	21.000	2.29	1.99	0.23	25.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	144.80	21.000	2.39	0.99	0.36	24.9	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	255.53	21.000	2.70	2.11	0.34	19.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	363.03	21.000	3.00	4.51	0.33	27.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	322.80	22.000	2.89	1.92	0.42	22.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	48.67	20.000	1.84	3.93	0.12	13.3	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	40.18	21.000	1.75	0.84	0.18	14.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	111.04	21.000	2.32	1.71	0.26	22.2	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	171.80	21.000	2.65	1.99	0.32	26.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	209.62	21.000	2.07	1.43	0.42	43.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	665.70	21.000	3.40	3.20	0.49	25.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	724.47	21.000	3.49	6.89	0.41	24.6	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	715.57	21.000	3.47	3.86	0.48	37.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	766.59	21.000	3.39	3.33	0.49	23.3	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	100.48	20.000	2.26	5.10	0.17	18.3	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	81.90	21.000	2.13	1.79	0.21	20.1	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	104.93	21.000	2.29	2.46	0.22	31.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	97.20	22.000	2.07	0.49	0.37	11.7	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,025.18	21.000	3.47	3.46	0.53	14.1	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,030.06	21.000	3.47	3.26	0.54	19.8	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,124.63	21.000	3.56	5.22	0.49	21.0	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	783.81	20.000	3.57	6.77	0.43	26.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	161.88	20.000	2.28	1.00	0.33	14.2	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	409.11	21.000	2.90	2.91	0.42	42.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	66.28	20.000	1.68	3.47	0.11	4.0	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,122.61	21.000	3.56	8.80	0.42	14.6	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	566.24	21.000	3.11	6.68	0.33	16.4	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	19.20	21.000	1.44	2.18	0.08	10.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.51	20.000	1.84	3.73	0.12	11.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	52.94	21.000	1.81	0.43	0.28	12.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.99	20.000	1.24	2.35	0.06	6.8	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 42.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	8.40	21.000	1.15	0.31	0.11	6.0	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	141.57	21.000	2.29	1.40	0.28	15.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	279.83	21.000	2.78	1.81	0.39	19.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	235.30	21.000	2.75	1.74	0.38	34.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	50.79	21.000	1.86	1.23	0.18	17.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	102.03	21.000	2.17	1.16	0.27	16.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	79.46	20.000	2.10	1.13	0.25	29.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	788.24	21.000	3.42	3.20	0.51	17.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	864.98	21.000	3.51	3.49	0.52	19.4	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.85	20.000	1.14	0.20	0.13	6.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	84.50	21.000	2.15	3.27	0.17	22.2	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	25.12	20.000	1.54	3.22	0.09	9.7	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	20.72	21.000	1.47	1.48	0.10	14.5	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	516.48	21.000	3.34	8.39	0.34	23.1	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	291.13	21.000	2.81	2.48	0.35	22.0	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	346.10	21.000	2.95	2.45	0.39	24.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	75.69	21.000	2.00	1.36	0.20	12.9	31.9

Current Time: 43.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	269.52	21.000	2.87	5.94	0.27	24.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	98.91	21.000	2.25	4.18	0.18	20.9	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	154.95	20.000	2.57	2.12	0.29	23.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	234.41	21.000	2.75	2.44	0.33	23.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	75.49	20.000	2.08	0.92	0.27	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,175.27	20.000	3.85	3.66	0.63	27.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,265.05	20.000	3.94	3.77	0.65	22.9	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,346.30	20.000	4.02	3.66	0.68	24.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,352.58	20.000	3.67	3.04	0.77	47.2	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,158.53	20.000	4.03	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	34.54	20.000	1.68	0.22	0.40	12.8	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	92.63	20.000	2.21	1.17	0.27	24.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	81.64	20.000	2.13	1.03	0.27	22.5	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	54.95	20.000	1.91	3.66	0.13	15.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	54.95	21.000	1.91	1.10	0.20	16.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	117.75	21.000	2.36	1.98	0.25	27.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	172.55	21.000	2.51	1.01	0.41	27.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	291.23	21.000	2.81	2.16	0.37	20.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	422.33	21.000	3.13	4.71	0.35	30.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	422.33	22.000	3.13	2.13	0.48	25.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	48.67	20.000	1.84	3.93	0.12	13.3	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 43.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	48.67	21.000	1.84	0.95	0.20	16.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	121.68	21.000	2.39	1.72	0.27	23.2	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	194.68	21.000	2.76	2.04	0.35	28.2	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	243.35	21.000	2.15	1.42	0.47	47.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	853.70	21.000	3.67	3.50	0.56	28.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	914.78	21.000	3.75	7.37	0.46	27.7	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	914.55	21.000	3.75	4.12	0.55	42.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	968.40	21.000	3.63	3.56	0.56	26.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	100.48	20.000	2.26	5.10	0.17	18.3	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	100.48	21.000	2.26	1.91	0.23	22.2	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	127.17	21.000	2.42	2.60	0.24	35.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	127.17	22.000	2.22	0.40	0.53	13.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,439.32	21.000	4.46	4.45	0.82	21.5	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,449.70	21.000	4.47	4.31	0.84	30.7	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,583.23	21.000	4.54	6.63	0.74	32.0	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	783.81	20.000	3.57	6.77	0.43	26.3	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	783.81	20.000	3.57	2.74	0.58	31.1	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	436.19	21.000	2.95	1.82	0.54	43.6	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,158.53	20.000	4.30	9.91	0.60	21.2	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,577.18	21.000	4.54	11.25	0.64	21.9	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,290.65	21.000	3.97	8.51	0.51	24.6	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	25.12	21.000	1.54	2.37	0.09	12.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.51	20.000	1.84	3.73	0.12	11.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.51	21.000	1.84	0.44	0.29	12.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.99	20.000	1.24	2.35	0.06	6.8	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.99	21.000	1.24	0.39	0.11	6.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	164.88	21.000	2.39	1.57	0.29	16.3	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	296.76	21.000	2.82	1.75	0.41	20.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	269.49	21.000	2.87	1.82	0.41	37.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	53.38	21.000	1.89	1.19	0.19	17.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	114.59	21.000	2.24	1.22	0.28	17.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	79.46	20.000	2.10	1.08	0.26	29.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	997.67	21.000	3.67	3.47	0.57	19.6	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,078.14	21.000	3.75	2.42	0.70	21.7	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.85	20.000	1.14	0.20	0.13	6.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	86.35	21.000	2.16	1.96	0.21	22.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	25.12	20.000	1.54	3.22	0.09	9.7	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	25.12	21.000	1.54	1.57	0.11	15.9	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	592.20	21.000	3.49	8.74	0.37	24.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	309.89	21.000	2.86	2.54	0.36	22.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	366.06	21.000	3.00	2.48	0.41	24.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	98.91	21.000	2.15	1.60	0.23	14.6	31.9

Current Time: 44.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 44.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	328.21	21.000	3.05	6.29	0.30	26.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	105.03	21.000	2.29	4.25	0.18	21.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	205.84	20.000	2.81	2.74	0.32	26.8	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	243.77	21.000	2.78	2.49	0.34	23.6	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	100.28	20.000	2.26	1.20	0.28	18.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,183.08	20.000	3.86	3.61	0.63	27.5	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,304.44	20.000	3.98	3.79	0.66	23.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,400.07	20.000	4.07	3.75	0.69	24.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,379.92	20.000	3.69	3.06	0.77	47.7	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,158.54	20.000	4.03	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	50.16	20.000	1.86	0.32	0.41	15.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	134.52	20.000	2.46	1.50	0.31	29.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	118.56	20.000	2.37	1.32	0.30	27.2	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	79.80	20.000	2.12	4.09	0.16	18.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	64.22	21.000	1.99	1.11	0.22	17.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	146.15	21.000	2.52	2.30	0.27	30.3	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	190.55	21.000	2.59	1.11	0.42	28.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	354.42	21.000	2.97	2.34	0.41	22.8	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	499.53	21.000	3.30	4.94	0.39	32.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	422.33	22.000	3.13	2.12	0.48	25.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	70.68	20.000	2.05	4.39	0.14	15.9	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	54.38	21.000	1.90	0.90	0.22	17.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	156.30	21.000	2.57	1.93	0.31	26.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	238.81	21.000	2.95	2.22	0.39	31.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	288.67	21.000	2.25	1.68	0.49	51.9	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	861.03	21.000	3.68	3.45	0.57	28.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	945.23	21.000	3.79	7.45	0.47	28.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	928.15	21.000	3.76	4.14	0.55	42.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,000.78	21.000	3.67	3.61	0.57	26.6	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	145.92	20.000	2.52	5.70	0.21	22.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	110.27	21.000	2.32	1.94	0.24	23.3	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	142.00	21.000	2.50	2.68	0.25	37.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	127.17	22.000	2.22	0.40	0.53	13.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,482.84	21.000	4.49	4.48	0.83	21.7	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,485.89	21.000	4.49	4.35	0.84	30.9	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,601.10	21.000	4.55	6.65	0.75	32.1	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	807.24	20.000	3.60	6.83	0.43	26.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	787.66	20.000	3.58	2.71	0.59	31.1	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	435.45	21.000	2.95	1.79	0.54	43.6	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,158.54	20.000	4.30	9.91	0.60	21.2	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,597.18	21.000	4.55	11.27	0.65	22.0	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,323.87	21.000	4.00	8.58	0.51	24.9	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	25.12	21.000	1.54	2.37	0.09	12.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	75.08	20.000	1.99	4.07	0.14	12.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	57.22	21.000	1.85	0.44	0.29	12.9	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	15.96	20.000	1.37	2.67	0.07	8.1	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 44.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.99	21.000	1.24	0.31	0.13	6.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	169.79	21.000	2.41	1.42	0.31	16.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	357.91	21.000	2.98	2.06	0.43	22.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	281.67	21.000	2.91	1.86	0.42	38.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	72.55	21.000	2.06	1.39	0.21	20.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	142.30	21.000	2.38	1.32	0.31	19.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	105.56	20.000	2.28	1.40	0.27	33.6	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,024.74	21.000	3.70	3.45	0.59	19.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,131.41	21.000	3.81	2.51	0.72	22.2	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	11.40	20.000	1.26	0.22	0.16	7.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	121.85	21.000	2.39	3.63	0.21	26.7	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	36.48	20.000	1.71	3.61	0.10	11.6	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	28.03	21.000	1.59	1.62	0.11	16.7	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	615.10	21.000	3.53	8.84	0.37	25.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	317.87	21.000	2.88	2.51	0.37	22.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	386.49	21.000	3.05	2.62	0.41	25.3	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	99.07	21.000	2.15	1.57	0.23	14.7	31.9

Current Time: 45.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	372.22	21.000	3.18	6.53	0.32	28.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	143.64	21.000	2.51	4.66	0.21	25.1	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	205.84	20.000	2.81	2.33	0.34	26.8	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	311.40	21.000	3.00	2.67	0.38	26.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	100.28	20.000	2.26	1.02	0.31	18.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	25.08	20.000	1.37	0.15	0.24	4.3	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	487.13	20.000	2.98	1.70	0.49	14.3	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,070.40	20.000	3.74	3.04	0.63	21.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,272.38	20.000	3.61	2.51	0.80	45.6	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	50.15	20.000	1.33	0.10	0.45	6.4	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	50.16	20.000	1.86	3.30	0.13	15.3	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	134.52	20.000	2.46	1.34	0.33	29.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	118.56	20.000	2.37	1.18	0.32	27.2	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	79.80	20.000	2.12	4.09	0.16	18.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	79.80	21.000	2.12	1.24	0.24	19.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	171.00	21.000	2.65	2.27	0.31	32.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	243.80	21.000	2.78	1.16	0.49	32.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	422.94	21.000	3.14	2.43	0.45	24.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	613.32	21.000	3.53	5.22	0.43	36.7	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	613.31	22.000	3.53	2.46	0.58	31.3	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	70.68	20.000	2.05	4.39	0.14	15.9	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 45.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	70.68	21.000	2.05	1.07	0.24	19.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	176.70	21.000	2.68	1.96	0.33	28.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	282.72	21.000	3.13	2.29	0.43	34.2	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	353.40	21.000	2.36	1.69	0.58	58.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	1,232.88	21.000	4.14	3.95	0.68	34.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	1,321.51	21.000	4.24	8.18	0.55	33.5	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	1,321.07	21.000	4.24	4.52	0.67	52.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,399.12	21.000	4.07	3.99	0.68	31.6	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	145.92	20.000	2.52	5.70	0.21	22.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	145.92	21.000	2.52	2.15	0.28	26.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	184.68	21.000	2.72	2.88	0.29	42.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	184.68	22.000	2.47	0.53	0.61	15.9	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	3,000.12	21.000	4.76	4.74	0.92	23.9	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	3,014.54	21.000	4.77	4.57	0.93	34.2	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	3,205.91	21.000	4.86	7.04	0.83	35.9	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	75.24	20.000	1.86	0.38	0.32	8.4	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	686.96	20.000	3.43	2.23	0.59	29.0	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	570.87	21.000	3.16	2.23	0.60	51.0	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,134.26	20.000	4.29	9.88	0.59	21.1	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	3,194.26	21.000	4.86	11.97	0.72	24.4	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,440.77	21.000	4.10	8.79	0.54	26.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	36.48	21.000	1.71	2.65	0.11	14.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	75.08	20.000	1.99	4.07	0.14	12.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	75.08	21.000	1.99	0.48	0.34	14.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	15.96	20.000	1.37	2.67	0.07	8.1	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	15.96	21.000	1.37	0.43	0.14	8.1	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	214.52	21.000	2.57	1.64	0.34	18.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	406.03	21.000	3.10	1.94	0.49	23.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	372.16	21.000	3.18	2.07	0.49	44.3	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	77.52	21.000	2.10	1.34	0.23	21.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	166.40	21.000	2.49	1.42	0.33	20.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	105.56	20.000	2.28	1.19	0.30	33.6	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.13	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,437.70	21.000	4.10	3.89	0.70	23.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,554.20	21.000	4.21	3.06	0.81	26.0	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	11.40	20.000	1.26	0.22	0.16	7.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	125.40	21.000	2.41	2.19	0.25	27.1	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	36.48	20.000	1.71	3.61	0.10	11.6	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	36.48	21.000	1.71	1.76	0.13	19.0	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	812.62	21.000	3.89	9.57	0.43	29.0	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	411.68	21.000	3.11	2.77	0.42	26.1	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	486.30	21.000	3.28	2.69	0.47	28.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	143.64	21.000	2.38	1.93	0.27	17.5	31.9

Current Time: 46.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 46.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	312.35	21.000	3.00	2.73	0.38	25.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	135.63	21.000	2.47	4.58	0.21	24.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	156.08	20.000	2.57	1.80	0.32	23.3	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	302.25	21.000	2.97	2.62	0.38	26.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	76.04	20.000	2.09	0.78	0.29	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	14.85	20.000	1.20	0.28	0.12	3.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	103.07	20.000	1.97	1.21	0.21	6.8	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	198.85	20.000	2.34	1.87	0.27	9.5	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	241.19	20.000	2.26	0.66	0.49	19.2	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	50.16	20.000	1.33	1.57	0.12	6.4	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	29.70	20.000	1.61	1.42	0.12	11.9	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	79.65	20.000	2.11	0.91	0.28	22.5	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	70.20	20.000	2.04	0.80	0.27	20.9	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	47.25	20.000	1.83	1.41	0.16	14.1	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	67.65	21.000	2.02	1.24	0.22	18.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	133.80	21.000	2.46	1.87	0.28	28.9	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	226.20	21.000	2.72	1.08	0.49	31.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	340.17	21.000	2.94	2.21	0.41	22.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	512.20	21.000	3.33	2.95	0.47	33.4	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	613.32	22.000	3.53	2.47	0.58	31.3	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	41.85	20.000	1.77	1.31	0.16	12.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	63.20	21.000	1.98	1.18	0.21	18.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	131.34	21.000	2.44	1.69	0.29	24.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	224.91	21.000	2.89	2.06	0.38	30.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	294.04	21.000	2.26	1.41	0.55	52.5	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	1,224.02	21.000	4.13	4.00	0.67	34.3	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	1,282.85	21.000	4.20	4.15	0.68	32.9	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	1,305.22	21.000	4.22	4.51	0.67	52.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,359.70	21.000	4.03	3.93	0.67	31.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	86.40	20.000	2.16	1.59	0.23	17.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	133.09	21.000	2.45	2.11	0.27	25.6	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	165.26	21.000	2.62	2.79	0.28	40.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	184.68	22.000	2.47	0.65	0.51	15.9	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,796.26	21.000	4.07	4.03	0.70	18.5	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,824.34	21.000	4.09	3.76	0.73	26.4	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,056.42	21.000	4.24	4.23	0.75	28.5	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	44.55	20.000	1.63	1.16	0.14	6.6	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	70.20	20.000	1.83	0.37	0.31	9.5	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	564.67	21.000	3.15	3.44	0.49	50.7	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	50.16	20.000	1.57	3.18	0.09	3.5	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,061.51	21.000	4.24	10.54	0.57	19.6	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	705.13	21.000	3.31	7.13	0.37	18.2	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	36.48	21.000	1.71	2.65	0.11	14.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.93	20.000	1.85	1.52	0.16	11.3	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	74.38	21.000	1.99	0.48	0.34	14.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	9.45	20.000	1.20	0.81	0.08	6.4	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 46.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	15.96	21.000	1.37	0.57	0.12	8.1	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	187.99	21.000	2.48	1.70	0.31	17.4	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	319.73	21.000	2.88	1.57	0.46	21.0	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	359.91	21.000	3.14	2.05	0.48	43.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	52.41	21.000	1.88	1.07	0.19	17.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	130.17	21.000	2.32	1.25	0.30	18.4	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	80.04	20.000	2.11	0.92	0.28	29.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.13	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,410.18	21.000	4.08	3.92	0.68	23.2	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,493.43	21.000	4.15	4.10	0.70	25.5	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.75	20.000	1.10	0.18	0.12	5.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	78.90	21.000	2.11	1.44	0.22	21.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	21.60	20.000	1.49	1.09	0.11	9.0	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	32.67	21.000	1.65	1.53	0.13	18.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	784.62	21.000	3.84	9.48	0.42	28.5	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	403.88	21.000	3.09	2.80	0.41	25.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	466.33	21.000	3.23	2.60	0.47	27.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	143.42	21.000	2.38	2.11	0.26	17.5	31.9

Current Time: 47.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	254.72	21.000	2.82	2.82	0.33	23.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	85.05	21.000	2.15	3.99	0.16	19.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	156.08	20.000	2.57	2.12	0.30	23.3	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	236.12	21.000	2.76	2.44	0.33	23.3	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	76.04	20.000	2.09	0.92	0.27	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	14.85	20.000	1.20	0.29	0.12	3.4	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	100.08	20.000	1.95	1.32	0.20	6.8	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	169.94	20.000	2.24	2.00	0.24	8.8	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	175.34	20.000	2.06	0.66	0.40	16.4	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	29.71	20.000	1.13	1.37	0.09	5.0	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	29.70	20.000	1.61	2.82	0.10	11.9	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	79.65	20.000	2.11	1.12	0.25	22.5	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	70.20	20.000	2.04	0.98	0.25	20.9	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	47.25	20.000	1.83	3.49	0.12	14.1	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	47.25	21.000	1.83	1.06	0.18	15.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	101.25	21.000	2.26	1.82	0.24	25.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	156.45	21.000	2.44	0.99	0.38	25.9	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	250.43	21.000	2.69	2.07	0.34	19.2	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	363.15	21.000	3.00	3.00	0.38	27.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	363.16	22.000	3.00	2.01	0.44	24.0	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	41.85	20.000	1.77	3.76	0.11	12.4	23.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 47.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	41.85	21.000	1.77	0.91	0.18	15.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	104.62	21.000	2.29	1.64	0.25	21.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	167.40	21.000	2.63	1.95	0.32	26.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	209.25	21.000	2.07	1.33	0.43	43.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	742.92	21.000	3.51	3.35	0.52	26.5	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	795.96	21.000	3.59	3.59	0.53	25.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	796.54	21.000	3.59	3.97	0.51	39.3	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	843.90	21.000	3.49	3.40	0.52	24.4	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	86.40	20.000	2.16	4.89	0.16	17.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	86.40	21.000	2.16	1.83	0.21	20.6	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	109.35	21.000	2.31	2.49	0.22	32.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	109.35	22.000	2.14	0.51	0.40	12.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,132.57	21.000	3.57	3.54	0.55	14.8	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,146.20	21.000	3.58	3.31	0.57	20.9	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,279.31	21.000	3.69	3.66	0.59	22.4	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	44.55	20.000	1.63	2.89	0.10	6.6	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	44.55	20.000	1.63	0.28	0.27	7.7	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	432.26	21.000	2.94	3.16	0.42	43.4	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	29.73	20.000	1.37	2.73	0.07	2.8	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,294.55	21.000	3.70	9.18	0.45	15.6	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	537.56	21.000	3.07	6.58	0.32	16.0	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	21.60	21.000	1.49	2.26	0.09	11.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.93	20.000	1.85	3.74	0.12	11.3	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.93	21.000	1.85	0.44	0.29	12.9	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	9.45	20.000	1.20	2.25	0.05	6.4	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	9.45	21.000	1.20	0.37	0.11	6.3	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	129.40	21.000	2.24	1.42	0.26	14.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	242.81	21.000	2.66	1.55	0.38	18.3	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	254.79	21.000	2.82	1.86	0.39	36.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	45.90	21.000	1.81	1.14	0.17	16.4	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	98.60	21.000	2.15	1.09	0.27	16.0	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	80.04	20.000	2.11	1.09	0.26	29.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	875.24	21.000	3.53	3.33	0.54	18.3	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	947.05	21.000	3.61	3.57	0.55	20.3	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.75	20.000	1.10	0.19	0.12	5.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	74.25	21.000	2.07	1.88	0.19	20.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	21.60	20.000	1.49	3.09	0.08	9.0	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	21.60	21.000	1.49	1.50	0.10	14.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	524.02	21.000	3.35	8.45	0.34	23.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	312.16	21.000	2.86	2.55	0.36	22.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	368.74	21.000	3.01	2.51	0.41	24.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	85.05	21.000	2.06	1.63	0.20	13.6	31.9

Current Time: 48.000 hours

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 48.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	189.96	21.000	2.58	2.18	0.30	20.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	76.87	21.000	2.09	3.87	0.16	18.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	1.42	0.26	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	226.13	21.000	2.72	2.38	0.33	22.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	0.61	0.25	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,162.40	20.000	3.84	6.65	0.51	27.2	42.1
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	871.83	20.000	3.52	8.27	0.41	19.1	44.0
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	454.41	20.000	2.92	6.66	0.29	14.1	46.3
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	301.17	20.000	2.42	1.18	0.43	21.4	53.3
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,153.70	20.000	4.02	4.30	0.79	40.5	39.6
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	72.2
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	0.44	0.18	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	0.39	0.17	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	0.68	0.10	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	34.84	21.000	1.69	1.09	0.15	13.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	63.25	21.000	1.98	1.25	0.21	19.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	137.25	21.000	2.36	0.88	0.37	24.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	165.88	21.000	2.39	1.73	0.28	15.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	259.85	21.000	2.72	2.14	0.35	23.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	363.15	22.000	3.00	2.02	0.44	24.0	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	0.61	0.10	7.0	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	34.21	21.000	1.67	1.14	0.15	13.6	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	58.29	21.000	1.94	1.24	0.20	16.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	108.35	21.000	2.31	1.60	0.26	21.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	148.61	21.000	1.89	0.95	0.40	35.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	732.85	21.000	3.50	3.43	0.51	26.3	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	754.76	21.000	3.53	3.46	0.52	25.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	777.62	21.000	3.56	3.94	0.50	38.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	799.49	21.000	3.44	3.32	0.51	23.8	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	0.72	0.15	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	73.29	21.000	2.07	1.79	0.20	19.0	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	89.51	21.000	2.18	2.35	0.20	29.2	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	109.35	22.000	2.14	0.52	0.39	12.3	60.7
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,071.82	21.000	3.51	3.46	0.54	14.4	45.9
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,093.25	21.000	3.53	3.22	0.56	20.4	46.7
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,243.84	21.000	3.66	3.65	0.58	22.1	41.7
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	745.20	20.000	3.51	6.67	0.42	25.7	41.6
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	159.67	20.000	2.27	1.02	0.32	14.1	47.2
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	425.77	21.000	2.93	3.14	0.42	43.1	59.6
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	69.58	20.000	1.71	3.52	0.11	4.1	29.9
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,249.06	21.000	3.67	9.08	0.44	15.4	35.9
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	532.98	21.000	3.06	6.57	0.32	15.9	35.7
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	21.60	21.000	1.49	2.26	0.09	11.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	1.22	0.14	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.17	21.000	1.84	0.44	0.29	12.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	0.35	0.05	3.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 48.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	9.45	21.000	1.20	0.68	0.08	6.3	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	102.45	21.000	2.10	1.56	0.22	12.9	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	154.68	21.000	2.35	1.03	0.34	14.7	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	241.27	21.000	2.77	1.83	0.38	35.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	20.25	21.000	1.46	0.71	0.13	11.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	61.50	21.000	1.89	0.84	0.22	12.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	0.73	0.23	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	839.98	21.000	3.48	3.39	0.52	18.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	874.64	21.000	3.53	3.42	0.53	19.5	54.2
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.12	0.07	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	26.75	21.000	1.57	0.73	0.15	12.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	0.51	0.07	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	17.70	21.000	1.40	1.22	0.09	13.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	494.17	21.000	3.29	8.29	0.33	22.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	303.65	21.000	2.84	2.59	0.36	22.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	346.95	21.000	2.96	2.39	0.40	24.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	84.83	21.000	2.06	1.93	0.19	13.6	31.9

Manhole Tables - Pumping @ 150% of Average Inflow

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.07	0.07	21.000	673.07	Absolute	673.07	False	
43	MH-106	605.00	48.0	605.00	598.00	0.21	0.21	21.000	598.21	Absolute	598.21	False	
45	MH-104	525.00	48.0	525.00	518.00	0.09	0.09	21.000	518.09	Absolute	518.09	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.04	0.04	21.000	773.04	Absolute	773.04	False	
54	MH-120	620.00	48.0	620.00	613.00	0.08	0.08	21.000	613.08	Absolute	613.08	False	
56	MH-116	515.00	48.0	515.00	508.00	0.10	0.10	21.000	508.10	Absolute	508.10	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.09	0.09	21.000	522.09	Absolute	522.09	False	
62	MH-70	515.00	48.0	515.00	508.00	0.08	0.08	21.000	508.08	Absolute	508.08	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.07	0.07	21.000	418.07	Absolute	418.07	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.00	0.00	21.000	388.00	Absolute	388.00	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.52	0.52	20.000	413.52	Absolute	413.52	False	
85	MH-50	325.00	48.0	325.00	318.00	0.35	0.35	20.000	318.35	Absolute	318.35	False	
87	MH-48	240.00	48.0	240.00	233.00	0.25	0.25	20.000	233.25	Absolute	233.25	False	
89	MH-26	235.00	48.0	235.00	228.00	0.09	0.09	21.000	228.09	Absolute	228.09	False	
92	MH-2	100.00	48.0	100.00	93.00	0.10	0.10	20.000	93.10	Absolute	93.10	False	
93	MH-4	105.00	48.0	105.00	98.00	0.80	0.80	20.000	98.80	Absolute	98.80	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.11	0.11	21.000	648.11	Absolute	648.11	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.13	0.13	21.000	593.13	Absolute	593.13	False	
102	MH-78	565.00	48.0	565.00	558.00	0.00	0.00	22.000	558.00	Absolute	558.00	False	
103	MH-44	590.00	48.0	590.00	583.00	0.05	0.05	21.000	583.05	Absolute	583.05	False	
104	MH-42	550.00	48.0	550.00	543.00	0.09	0.09	21.000	543.09	Absolute	543.09	False	
105	MH-40	520.00	48.0	520.00	513.00	0.12	0.12	21.000	513.12	Absolute	513.12	False	
106	MH-38	500.00	48.0	500.00	493.00	0.04	0.04	21.000	493.04	Absolute	493.04	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.12	0.12	21.000	498.12	Absolute	498.12	False	
118	MH-90	545.00	48.0	545.00	538.00	0.11	0.11	21.000	538.11	Absolute	538.11	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.04	0.04	21.000	598.04	Absolute	598.04	False	
128	MH-36	455.00	48.0	455.00	448.00	0.07	0.07	21.000	448.07	Absolute	448.07	False	
129	MH-34	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
130	MH-32	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
131	MH-30	375.00	48.0	375.00	368.00	0.09	0.09	21.000	368.09	Absolute	368.09	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.05	0.05	21.000	198.05	Absolute	198.05	False	
134	MH-18	175.00	48.0	175.00	168.00	0.06	0.06	21.000	168.06	Absolute	168.06	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.00	0.00	22.000	158.00	Absolute	158.00	False	
136	MH-12	130.00	48.0	130.00	123.00	0.04	0.04	21.000	123.04	Absolute	123.04	False	
137	MH-24	160.00	48.0	160.00	153.00	0.07	0.07	21.000	153.07	Absolute	153.07	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.03	0.03	21.000	108.03	Absolute	108.03	False	
157	MH-102	500.00	48.0	500.00	493.00	0.51	0.51	20.000	493.51	Absolute	493.51	False	
158	MH-65	440.00	48.0	440.00	433.00	0.20	0.20	20.000	433.20	Absolute	433.20	False	
159	MH-64	420.00	48.0	420.00	413.00	0.13	0.13	21.000	413.13	Absolute	413.13	False	
173	MH-98	450.00	48.0	450.00	443.00	0.02	0.02	21.000	443.02	Absolute	443.02	False	
180	MH-112	750.00	48.0	750.00	743.00	0.00	0.00	21.000	743.00	Absolute	743.00	False	
183	MH-118	585.00	48.0	585.00	578.00	0.12	0.12	21.000	578.12	Absolute	578.12	False	
187	MH-108	640.00	48.0	640.00	633.00	0.08	0.08	21.000	633.08	Absolute	633.08	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.10	0.10	21.000	273.10	Absolute	273.10	False	
200	MH-126	805.00	48.0	805.00	798.00	0.10	0.10	21.000	798.10	Absolute	798.10	False	
203	MH-60	400.00	48.0	400.00	393.00	0.03	0.03	21.000	393.03	Absolute	393.03	False	
252	MH-68	473.55	48.0	473.55	466.55	0.12	0.12	21.000	466.67	Absolute	466.67	False	
260	MH-75	725.00	48.0	725.00	718.00	0.01	0.01	21.000	718.01	Absolute	718.01	False	

Current Time: 1.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.08	0.08	21.000	673.08	Absolute	673.08	False	
43	MH-106	605.00	48.0	605.00	598.00	0.23	0.23	21.000	598.23	Absolute	598.23	False	
45	MH-104	525.00	48.0	525.00	518.00	0.23	0.23	21.000	518.23	Absolute	518.23	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.11	0.11	21.000	773.11	Absolute	773.11	False	
54	MH-120	620.00	48.0	620.00	613.00	0.13	0.13	21.000	613.13	Absolute	613.13	False	
56	MH-116	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.28	0.28	21.000	508.28	Absolute	508.28	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.62	0.62	20.000	413.62	Absolute	413.62	False	
85	MH-50	325.00	48.0	325.00	318.00	0.63	0.63	20.000	318.63	Absolute	318.63	False	
87	MH-48	240.00	48.0	240.00	233.00	0.67	0.67	20.000	233.67	Absolute	233.67	False	
89	MH-26	235.00	48.0	235.00	228.00	0.65	0.65	21.000	228.65	Absolute	228.65	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 1.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.17	0.17	21.000	648.17	Absolute	648.17	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.20	0.20	21.000	593.20	Absolute	593.20	False	
102	MH-78	565.00	48.0	565.00	558.00	0.20	0.20	22.000	558.20	Absolute	558.20	False	
103	MH-44	590.00	48.0	590.00	583.00	0.08	0.08	21.000	583.08	Absolute	583.08	False	
104	MH-42	550.00	48.0	550.00	543.00	0.12	0.12	21.000	543.12	Absolute	543.12	False	
105	MH-40	520.00	48.0	520.00	513.00	0.16	0.16	21.000	513.16	Absolute	513.16	False	
106	MH-38	500.00	48.0	500.00	493.00	0.28	0.28	21.000	493.28	Absolute	493.28	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.19	0.19	21.000	498.19	Absolute	498.19	False	
118	MH-90	545.00	48.0	545.00	538.00	0.15	0.15	21.000	538.15	Absolute	538.15	False	
119	MH-92	585.00	48.0	585.00	578.00	0.12	0.12	21.000	578.12	Absolute	578.12	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.07	0.07	21.000	598.07	Absolute	598.07	False	
128	MH-36	455.00	48.0	455.00	448.00	0.29	0.29	21.000	448.29	Absolute	448.29	False	
129	MH-34	400.00	48.0	400.00	393.00	0.29	0.29	21.000	393.29	Absolute	393.29	False	
130	MH-32	395.00	48.0	395.00	388.00	0.29	0.29	21.000	388.29	Absolute	388.29	False	
131	MH-30	375.00	48.0	375.00	368.00	0.30	0.30	21.000	368.30	Absolute	368.30	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.11	0.11	21.000	198.11	Absolute	198.11	False	
134	MH-18	175.00	48.0	175.00	168.00	0.12	0.12	21.000	168.12	Absolute	168.12	False	
135	MH-14	165.00	48.0	165.00	158.00	0.11	0.11	22.000	158.11	Absolute	158.11	False	
136	MH-12	130.00	48.0	130.00	123.00	0.65	0.65	21.000	123.65	Absolute	123.65	False	
137	MH-24	160.00	48.0	160.00	153.00	0.65	0.65	21.000	153.65	Absolute	153.65	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.65	0.65	21.000	108.65	Absolute	108.65	False	
157	MH-102	500.00	48.0	500.00	493.00	0.51	0.51	20.000	493.51	Absolute	493.51	False	
158	MH-65	440.00	48.0	440.00	433.00	0.51	0.51	20.000	433.51	Absolute	433.51	False	
159	MH-64	420.00	48.0	420.00	413.00	0.58	0.58	21.000	413.58	Absolute	413.58	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.04	0.04	21.000	743.04	Absolute	743.04	False	
183	MH-118	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
187	MH-108	640.00	48.0	640.00	633.00	0.11	0.11	21.000	633.11	Absolute	633.11	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.31	0.31	21.000	273.31	Absolute	273.31	False	
200	MH-126	805.00	48.0	805.00	798.00	0.10	0.10	21.000	798.10	Absolute	798.10	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.85	Absolute	466.85	False	
260	MH-75	725.00	48.0	725.00	718.00	0.10	0.10	21.000	718.10	Absolute	718.10	False	

Current Time: 2.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 2.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.02	0.02	20.000	788.02	Absolute	788.02	False	
41	MH-110	680.00	48.0	680.00	673.00	0.06	0.06	21.000	673.06	Absolute	673.06	False	
43	MH-106	605.00	48.0	605.00	598.00	0.16	0.16	21.000	598.16	Absolute	598.16	False	
45	MH-104	525.00	48.0	525.00	518.00	0.22	0.22	21.000	518.22	Absolute	518.22	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.02	0.02	20.000	833.02	Absolute	833.02	False	
50	MH-124	780.00	48.0	780.00	773.00	0.10	0.10	21.000	773.10	Absolute	773.10	False	
54	MH-120	620.00	48.0	620.00	613.00	0.11	0.11	21.000	613.11	Absolute	613.11	False	
56	MH-116	515.00	48.0	515.00	508.00	0.28	0.28	21.000	508.28	Absolute	508.28	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.24	0.24	21.000	522.24	Absolute	522.24	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.03	0.03	20.000	443.03	Absolute	443.03	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.61	0.61	20.000	413.61	Absolute	413.61	False	
85	MH-50	325.00	48.0	325.00	318.00	0.62	0.62	20.000	318.62	Absolute	318.62	False	
87	MH-48	240.00	48.0	240.00	233.00	0.67	0.67	20.000	233.67	Absolute	233.67	False	
89	MH-26	235.00	48.0	235.00	228.00	0.64	0.64	21.000	228.64	Absolute	228.64	False	
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.04	0.04	20.000	168.04	Absolute	168.04	False	
98	MH-84	685.00	48.0	685.00	678.00	0.06	0.06	20.000	678.06	Absolute	678.06	False	
99	MH-82	655.00	48.0	655.00	648.00	0.14	0.14	21.000	648.14	Absolute	648.14	False	
100	MH-86	670.00	48.0	670.00	663.00	0.06	0.06	20.000	663.06	Absolute	663.06	False	
101	MH-80	600.00	48.0	600.00	593.00	0.17	0.17	21.000	593.17	Absolute	593.17	False	
102	MH-78	565.00	48.0	565.00	558.00	0.20	0.20	22.000	558.20	Absolute	558.20	False	
103	MH-44	590.00	48.0	590.00	583.00	0.07	0.07	21.000	583.07	Absolute	583.07	False	
104	MH-42	550.00	48.0	550.00	543.00	0.10	0.10	21.000	543.10	Absolute	543.10	False	
105	MH-40	520.00	48.0	520.00	513.00	0.13	0.13	21.000	513.13	Absolute	513.13	False	
106	MH-38	500.00	48.0	500.00	493.00	0.28	0.28	21.000	493.28	Absolute	493.28	False	
109	MH-46	625.00	48.0	625.00	618.00	0.05	0.05	20.000	618.05	Absolute	618.05	False	
117	MH-88	505.00	48.0	505.00	498.00	0.16	0.16	21.000	498.16	Absolute	498.16	False	
118	MH-90	545.00	48.0	545.00	538.00	0.13	0.13	21.000	538.13	Absolute	538.13	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.05	0.05	20.000	658.05	Absolute	658.05	False	
121	MH-94	605.00	48.0	605.00	598.00	0.07	0.07	21.000	598.07	Absolute	598.07	False	
128	MH-36	455.00	48.0	455.00	448.00	0.29	0.29	21.000	448.29	Absolute	448.29	False	
129	MH-34	400.00	48.0	400.00	393.00	0.29	0.29	21.000	393.29	Absolute	393.29	False	
130	MH-32	395.00	48.0	395.00	388.00	0.28	0.28	21.000	388.28	Absolute	388.28	False	
131	MH-30	375.00	48.0	375.00	368.00	0.29	0.29	21.000	368.29	Absolute	368.29	False	
132	MH-22	300.00	48.0	300.00	293.00	0.07	0.07	20.000	293.07	Absolute	293.07	False	
133	MH-20	205.00	48.0	205.00	198.00	0.10	0.10	21.000	198.10	Absolute	198.10	False	
134	MH-18	175.00	48.0	175.00	168.00	0.11	0.11	21.000	168.11	Absolute	168.11	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 2.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.11	0.11	22.000	158.11	Absolute	158.11	False	
136	MH-12	130.00	48.0	130.00	123.00	0.66	0.66	21.000	123.66	Absolute	123.66	False	
137	MH-24	160.00	48.0	160.00	153.00	0.65	0.65	21.000	153.65	Absolute	153.65	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.66	0.66	21.000	108.66	Absolute	108.66	False	
157	MH-102	500.00	48.0	500.00	493.00	0.51	0.51	20.000	493.51	Absolute	493.51	False	
158	MH-65	440.00	48.0	440.00	433.00	0.51	0.51	20.000	433.51	Absolute	433.51	False	
159	MH-64	420.00	48.0	420.00	413.00	0.57	0.57	21.000	413.57	Absolute	413.57	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.04	0.04	21.000	743.04	Absolute	743.04	False	
183	MH-118	585.00	48.0	585.00	578.00	0.14	0.14	21.000	578.14	Absolute	578.14	False	
187	MH-108	640.00	48.0	640.00	633.00	0.09	0.09	21.000	633.09	Absolute	633.09	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.30	0.30	21.000	273.30	Absolute	273.30	False	
200	MH-126	805.00	48.0	805.00	798.00	0.07	0.07	21.000	798.07	Absolute	798.07	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.29	0.29	21.000	466.83	Absolute	466.83	False	
260	MH-75	725.00	48.0	725.00	718.00	0.10	0.10	21.000	718.10	Absolute	718.10	False	

Current Time: 3.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.02	0.02	20.000	788.02	Absolute	788.02	False	
41	MH-110	680.00	48.0	680.00	673.00	0.05	0.05	21.000	673.05	Absolute	673.05	False	
43	MH-106	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
45	MH-104	525.00	48.0	525.00	518.00	0.14	0.14	21.000	518.14	Absolute	518.14	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.02	0.02	20.000	833.02	Absolute	833.02	False	
50	MH-124	780.00	48.0	780.00	773.00	0.07	0.07	21.000	773.07	Absolute	773.07	False	
54	MH-120	620.00	48.0	620.00	613.00	0.08	0.08	21.000	613.08	Absolute	613.08	False	
56	MH-116	515.00	48.0	515.00	508.00	0.18	0.18	21.000	508.18	Absolute	508.18	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.03	0.03	20.000	443.03	Absolute	443.03	False	
76	MH-58	395.00	48.0	395.00	388.00	0.03	0.03	21.000	388.03	Absolute	388.03	False	
80	MH-54	435.00	48.0	435.00	428.00	0.02	0.02	20.000	428.02	Absolute	428.02	False	
83	MH-52	420.00	48.0	420.00	413.00	0.33	0.33	20.000	413.33	Absolute	413.33	False	
85	MH-50	325.00	48.0	325.00	318.00	0.51	0.51	20.000	318.51	Absolute	318.51	False	
87	MH-48	240.00	48.0	240.00	233.00	0.60	0.60	20.000	233.60	Absolute	233.60	False	
89	MH-26	235.00	48.0	235.00	228.00	0.59	0.59	21.000	228.59	Absolute	228.59	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 3.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.76	0.76	20.000	93.76	Absolute	93.76	False	
93	MH-4	105.00	48.0	105.00	98.00	0.04	0.04	20.000	98.04	Absolute	98.04	False	
94	MH-6	175.00	48.0	175.00	168.00	0.04	0.04	20.000	168.04	Absolute	168.04	False	
98	MH-84	685.00	48.0	685.00	678.00	0.06	0.06	20.000	678.06	Absolute	678.06	False	
99	MH-82	655.00	48.0	655.00	648.00	0.10	0.10	21.000	648.10	Absolute	648.10	False	
100	MH-86	670.00	48.0	670.00	663.00	0.06	0.06	20.000	663.06	Absolute	663.06	False	
101	MH-80	600.00	48.0	600.00	593.00	0.12	0.12	21.000	593.12	Absolute	593.12	False	
102	MH-78	565.00	48.0	565.00	558.00	0.12	0.12	22.000	558.12	Absolute	558.12	False	
103	MH-44	590.00	48.0	590.00	583.00	0.05	0.05	21.000	583.05	Absolute	583.05	False	
104	MH-42	550.00	48.0	550.00	543.00	0.07	0.07	21.000	543.07	Absolute	543.07	False	
105	MH-40	520.00	48.0	520.00	513.00	0.10	0.10	21.000	513.10	Absolute	513.10	False	
106	MH-38	500.00	48.0	500.00	493.00	0.17	0.17	21.000	493.17	Absolute	493.17	False	
109	MH-46	625.00	48.0	625.00	618.00	0.05	0.05	20.000	618.05	Absolute	618.05	False	
117	MH-88	505.00	48.0	505.00	498.00	0.12	0.12	21.000	498.12	Absolute	498.12	False	
118	MH-90	545.00	48.0	545.00	538.00	0.09	0.09	21.000	538.09	Absolute	538.09	False	
119	MH-92	585.00	48.0	585.00	578.00	0.07	0.07	21.000	578.07	Absolute	578.07	False	
120	MH-96	665.00	48.0	665.00	658.00	0.05	0.05	20.000	658.05	Absolute	658.05	False	
121	MH-94	605.00	48.0	605.00	598.00	0.05	0.05	21.000	598.05	Absolute	598.05	False	
128	MH-36	455.00	48.0	455.00	448.00	0.18	0.18	21.000	448.18	Absolute	448.18	False	
129	MH-34	400.00	48.0	400.00	393.00	0.18	0.18	21.000	393.18	Absolute	393.18	False	
130	MH-32	395.00	48.0	395.00	388.00	0.17	0.17	21.000	388.17	Absolute	388.17	False	
131	MH-30	375.00	48.0	375.00	368.00	0.18	0.18	21.000	368.18	Absolute	368.18	False	
132	MH-22	300.00	48.0	300.00	293.00	0.07	0.07	20.000	293.07	Absolute	293.07	False	
133	MH-20	205.00	48.0	205.00	198.00	0.07	0.07	21.000	198.07	Absolute	198.07	False	
134	MH-18	175.00	48.0	175.00	168.00	0.07	0.07	21.000	168.07	Absolute	168.07	False	
135	MH-14	165.00	48.0	165.00	158.00	0.07	0.07	22.000	158.07	Absolute	158.07	False	
136	MH-12	130.00	48.0	130.00	123.00	0.60	0.60	21.000	123.60	Absolute	123.60	False	
137	MH-24	160.00	48.0	160.00	153.00	0.59	0.59	21.000	153.59	Absolute	153.59	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.60	0.60	21.000	108.60	Absolute	108.60	False	
157	MH-102	500.00	48.0	500.00	493.00	0.04	0.04	20.000	493.04	Absolute	493.04	False	
158	MH-65	440.00	48.0	440.00	433.00	0.46	0.46	20.000	433.46	Absolute	433.46	False	
159	MH-64	420.00	48.0	420.00	413.00	0.50	0.50	21.000	413.50	Absolute	413.50	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.02	0.02	21.000	743.02	Absolute	743.02	False	
183	MH-118	585.00	48.0	585.00	578.00	0.11	0.11	21.000	578.11	Absolute	578.11	False	
187	MH-108	640.00	48.0	640.00	633.00	0.07	0.07	21.000	633.07	Absolute	633.07	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.19	0.19	21.000	273.19	Absolute	273.19	False	
200	MH-126	805.00	48.0	805.00	798.00	0.06	0.06	21.000	798.06	Absolute	798.06	False	
203	MH-60	400.00	48.0	400.00	393.00	0.03	0.03	21.000	393.03	Absolute	393.03	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.06	0.06	21.000	718.06	Absolute	718.06	False	

Current Time: 4.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 4.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.03	0.03	20.000	788.03	Absolute	788.03	False	
41	MH-110	680.00	48.0	680.00	673.00	0.06	0.06	21.000	673.06	Absolute	673.06	False	
43	MH-106	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
45	MH-104	525.00	48.0	525.00	518.00	0.14	0.14	21.000	518.14	Absolute	518.14	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.07	0.07	21.000	773.07	Absolute	773.07	False	
54	MH-120	620.00	48.0	620.00	613.00	0.09	0.09	21.000	613.09	Absolute	613.09	False	
56	MH-116	515.00	48.0	515.00	508.00	0.18	0.18	21.000	508.18	Absolute	508.18	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.03	0.03	21.000	388.03	Absolute	388.03	False	
80	MH-54	435.00	48.0	435.00	428.00	0.03	0.03	20.000	428.03	Absolute	428.03	False	
83	MH-52	420.00	48.0	420.00	413.00	0.08	0.08	20.000	413.08	Absolute	413.08	False	
85	MH-50	325.00	48.0	325.00	318.00	0.10	0.10	20.000	318.10	Absolute	318.10	False	
87	MH-48	240.00	48.0	240.00	233.00	0.11	0.11	20.000	233.11	Absolute	233.11	False	
89	MH-26	235.00	48.0	235.00	228.00	0.20	0.20	21.000	228.20	Absolute	228.20	False	
92	MH-2	100.00	48.0	100.00	93.00	0.03	0.03	20.000	93.03	Absolute	93.03	False	
93	MH-4	105.00	48.0	105.00	98.00	0.04	0.04	20.000	98.04	Absolute	98.04	False	
94	MH-6	175.00	48.0	175.00	168.00	0.05	0.05	20.000	168.05	Absolute	168.05	False	
98	MH-84	685.00	48.0	685.00	678.00	0.09	0.09	20.000	678.09	Absolute	678.09	False	
99	MH-82	655.00	48.0	655.00	648.00	0.12	0.12	21.000	648.12	Absolute	648.12	False	
100	MH-86	670.00	48.0	670.00	663.00	0.08	0.08	20.000	663.08	Absolute	663.08	False	
101	MH-80	600.00	48.0	600.00	593.00	0.14	0.14	21.000	593.14	Absolute	593.14	False	
102	MH-78	565.00	48.0	565.00	558.00	0.12	0.12	22.000	558.12	Absolute	558.12	False	
103	MH-44	590.00	48.0	590.00	583.00	0.06	0.06	21.000	583.06	Absolute	583.06	False	
104	MH-42	550.00	48.0	550.00	543.00	0.09	0.09	21.000	543.09	Absolute	543.09	False	
105	MH-40	520.00	48.0	520.00	513.00	0.10	0.10	21.000	513.10	Absolute	513.10	False	
106	MH-38	500.00	48.0	500.00	493.00	0.17	0.17	21.000	493.17	Absolute	493.17	False	
109	MH-46	625.00	48.0	625.00	618.00	0.07	0.07	20.000	618.07	Absolute	618.07	False	
117	MH-88	505.00	48.0	505.00	498.00	0.14	0.14	21.000	498.14	Absolute	498.14	False	
118	MH-90	545.00	48.0	545.00	538.00	0.11	0.11	21.000	538.11	Absolute	538.11	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.06	0.06	20.000	658.06	Absolute	658.06	False	
121	MH-94	605.00	48.0	605.00	598.00	0.05	0.05	21.000	598.05	Absolute	598.05	False	
128	MH-36	455.00	48.0	455.00	448.00	0.18	0.18	21.000	448.18	Absolute	448.18	False	
129	MH-34	400.00	48.0	400.00	393.00	0.18	0.18	21.000	393.18	Absolute	393.18	False	
130	MH-32	395.00	48.0	395.00	388.00	0.18	0.18	21.000	388.18	Absolute	388.18	False	
131	MH-30	375.00	48.0	375.00	368.00	0.18	0.18	21.000	368.18	Absolute	368.18	False	
132	MH-22	300.00	48.0	300.00	293.00	0.09	0.09	20.000	293.09	Absolute	293.09	False	
133	MH-20	205.00	48.0	205.00	198.00	0.07	0.07	21.000	198.07	Absolute	198.07	False	
134	MH-18	175.00	48.0	175.00	168.00	0.08	0.08	21.000	168.08	Absolute	168.08	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 4.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.07	0.07	22.000	158.07	Absolute	158.07	False	
136	MH-12	130.00	48.0	130.00	123.00	0.20	0.20	21.000	123.20	Absolute	123.20	False	
137	MH-24	160.00	48.0	160.00	153.00	0.20	0.20	21.000	153.20	Absolute	153.20	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.20	0.20	21.000	108.20	Absolute	108.20	False	
157	MH-102	500.00	48.0	500.00	493.00	0.06	0.06	20.000	493.06	Absolute	493.06	False	
158	MH-65	440.00	48.0	440.00	433.00	0.04	0.04	20.000	433.04	Absolute	433.04	False	
159	MH-64	420.00	48.0	420.00	413.00	0.19	0.19	21.000	413.19	Absolute	413.19	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.02	0.02	21.000	743.02	Absolute	743.02	False	
183	MH-118	585.00	48.0	585.00	578.00	0.13	0.13	21.000	578.13	Absolute	578.13	False	
187	MH-108	640.00	48.0	640.00	633.00	0.08	0.08	21.000	633.08	Absolute	633.08	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.19	0.19	21.000	273.19	Absolute	273.19	False	
200	MH-126	805.00	48.0	805.00	798.00	0.08	0.08	21.000	798.08	Absolute	798.08	False	
203	MH-60	400.00	48.0	400.00	393.00	0.04	0.04	21.000	393.04	Absolute	393.04	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.06	0.06	21.000	718.06	Absolute	718.06	False	

Current Time: 5.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.03	0.03	20.000	788.03	Absolute	788.03	False	
41	MH-110	680.00	48.0	680.00	673.00	0.07	0.07	21.000	673.07	Absolute	673.07	False	
43	MH-106	605.00	48.0	605.00	598.00	0.15	0.15	21.000	598.15	Absolute	598.15	False	
45	MH-104	525.00	48.0	525.00	518.00	0.15	0.15	21.000	518.15	Absolute	518.15	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.09	0.09	21.000	773.09	Absolute	773.09	False	
54	MH-120	620.00	48.0	620.00	613.00	0.11	0.11	21.000	613.11	Absolute	613.11	False	
56	MH-116	515.00	48.0	515.00	508.00	0.21	0.21	21.000	508.21	Absolute	508.21	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.03	0.03	20.000	428.03	Absolute	428.03	False	
83	MH-52	420.00	48.0	420.00	413.00	0.08	0.08	20.000	413.08	Absolute	413.08	False	
85	MH-50	325.00	48.0	325.00	318.00	0.11	0.11	20.000	318.11	Absolute	318.11	False	
87	MH-48	240.00	48.0	240.00	233.00	0.12	0.12	20.000	233.12	Absolute	233.12	False	
89	MH-26	235.00	48.0	235.00	228.00	0.25	0.25	21.000	228.25	Absolute	228.25	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 5.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.04	0.04	20.000	93.04	Absolute	93.04	False	
93	MH-4	105.00	48.0	105.00	98.00	0.05	0.05	20.000	98.05	Absolute	98.05	False	
94	MH-6	175.00	48.0	175.00	168.00	0.05	0.05	20.000	168.05	Absolute	168.05	False	
98	MH-84	685.00	48.0	685.00	678.00	0.09	0.09	20.000	678.09	Absolute	678.09	False	
99	MH-82	655.00	48.0	655.00	648.00	0.14	0.14	21.000	648.14	Absolute	648.14	False	
100	MH-86	670.00	48.0	670.00	663.00	0.08	0.08	20.000	663.08	Absolute	663.08	False	
101	MH-80	600.00	48.0	600.00	593.00	0.17	0.17	21.000	593.17	Absolute	593.17	False	
102	MH-78	565.00	48.0	565.00	558.00	0.17	0.17	22.000	558.17	Absolute	558.17	False	
103	MH-44	590.00	48.0	590.00	583.00	0.07	0.07	21.000	583.07	Absolute	583.07	False	
104	MH-42	550.00	48.0	550.00	543.00	0.10	0.10	21.000	543.10	Absolute	543.10	False	
105	MH-40	520.00	48.0	520.00	513.00	0.12	0.12	21.000	513.12	Absolute	513.12	False	
106	MH-38	500.00	48.0	500.00	493.00	0.23	0.23	21.000	493.23	Absolute	493.23	False	
109	MH-46	625.00	48.0	625.00	618.00	0.07	0.07	20.000	618.07	Absolute	618.07	False	
117	MH-88	505.00	48.0	505.00	498.00	0.16	0.16	21.000	498.16	Absolute	498.16	False	
118	MH-90	545.00	48.0	545.00	538.00	0.13	0.13	21.000	538.13	Absolute	538.13	False	
119	MH-92	585.00	48.0	585.00	578.00	0.10	0.10	21.000	578.10	Absolute	578.10	False	
120	MH-96	665.00	48.0	665.00	658.00	0.06	0.06	20.000	658.06	Absolute	658.06	False	
121	MH-94	605.00	48.0	605.00	598.00	0.06	0.06	21.000	598.06	Absolute	598.06	False	
128	MH-36	455.00	48.0	455.00	448.00	0.24	0.24	21.000	448.24	Absolute	448.24	False	
129	MH-34	400.00	48.0	400.00	393.00	0.24	0.24	21.000	393.24	Absolute	393.24	False	
130	MH-32	395.00	48.0	395.00	388.00	0.24	0.24	21.000	388.24	Absolute	388.24	False	
131	MH-30	375.00	48.0	375.00	368.00	0.24	0.24	21.000	368.24	Absolute	368.24	False	
132	MH-22	300.00	48.0	300.00	293.00	0.09	0.09	20.000	293.09	Absolute	293.09	False	
133	MH-20	205.00	48.0	205.00	198.00	0.09	0.09	21.000	198.09	Absolute	198.09	False	
134	MH-18	175.00	48.0	175.00	168.00	0.11	0.11	21.000	168.11	Absolute	168.11	False	
135	MH-14	165.00	48.0	165.00	158.00	0.09	0.09	22.000	158.09	Absolute	158.09	False	
136	MH-12	130.00	48.0	130.00	123.00	0.27	0.27	21.000	123.27	Absolute	123.27	False	
137	MH-24	160.00	48.0	160.00	153.00	0.26	0.26	21.000	153.26	Absolute	153.26	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.27	0.27	21.000	108.27	Absolute	108.27	False	
157	MH-102	500.00	48.0	500.00	493.00	0.06	0.06	20.000	493.06	Absolute	493.06	False	
158	MH-65	440.00	48.0	440.00	433.00	0.06	0.06	20.000	433.06	Absolute	433.06	False	
159	MH-64	420.00	48.0	420.00	413.00	0.19	0.19	21.000	413.19	Absolute	413.19	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.03	0.03	21.000	743.03	Absolute	743.03	False	
183	MH-118	585.00	48.0	585.00	578.00	0.14	0.14	21.000	578.14	Absolute	578.14	False	
187	MH-108	640.00	48.0	640.00	633.00	0.09	0.09	21.000	633.09	Absolute	633.09	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.25	0.25	21.000	273.25	Absolute	273.25	False	
200	MH-126	805.00	48.0	805.00	798.00	0.09	0.09	21.000	798.09	Absolute	798.09	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.09	0.09	21.000	718.09	Absolute	718.09	False	

Current Time: 6.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 6.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.14	0.14	21.000	673.14	Absolute	673.14	False	
43	MH-106	605.00	48.0	605.00	598.00	0.21	0.21	21.000	598.21	Absolute	598.21	False	
45	MH-104	525.00	48.0	525.00	518.00	0.16	0.16	21.000	518.16	Absolute	518.16	False	
47	MH-100	510.00	48.0	510.00	503.00	0.10	0.10	20.000	503.10	Absolute	503.10	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.11	0.11	21.000	773.11	Absolute	773.11	False	
54	MH-120	620.00	48.0	620.00	613.00	0.15	0.15	21.000	613.15	Absolute	613.15	False	
56	MH-116	515.00	48.0	515.00	508.00	0.24	0.24	21.000	508.24	Absolute	508.24	False	
59	MH-74	625.00	48.0	625.00	618.00	0.18	0.18	20.000	618.18	Absolute	618.18	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.17	0.17	21.000	508.17	Absolute	508.17	False	
64	MH-75	620.00	48.0	620.00	613.00	0.12	0.12	20.000	613.12	Absolute	613.12	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.53	0.53	20.000	413.53	Absolute	413.53	False	
85	MH-50	325.00	48.0	325.00	318.00	0.38	0.38	20.000	318.38	Absolute	318.38	False	
87	MH-48	240.00	48.0	240.00	233.00	0.29	0.29	20.000	233.29	Absolute	233.29	False	
89	MH-26	235.00	48.0	235.00	228.00	0.29	0.29	21.000	228.29	Absolute	228.29	False	
92	MH-2	100.00	48.0	100.00	93.00	0.11	0.11	20.000	93.11	Absolute	93.11	False	
93	MH-4	105.00	48.0	105.00	98.00	0.80	0.80	20.000	98.80	Absolute	98.80	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.20	0.20	20.000	678.20	Absolute	678.20	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.19	0.19	20.000	663.19	Absolute	663.19	False	
101	MH-80	600.00	48.0	600.00	593.00	0.28	0.28	21.000	593.28	Absolute	593.28	False	
102	MH-78	565.00	48.0	565.00	558.00	0.17	0.17	22.000	558.17	Absolute	558.17	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.18	0.18	21.000	543.18	Absolute	543.18	False	
105	MH-40	520.00	48.0	520.00	513.00	0.14	0.14	21.000	513.14	Absolute	513.14	False	
106	MH-38	500.00	48.0	500.00	493.00	0.24	0.24	21.000	493.24	Absolute	493.24	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.27	0.27	21.000	498.27	Absolute	498.27	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.19	0.19	21.000	578.19	Absolute	578.19	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.09	0.09	21.000	598.09	Absolute	598.09	False	
128	MH-36	455.00	48.0	455.00	448.00	0.28	0.28	21.000	448.28	Absolute	448.28	False	
129	MH-34	400.00	48.0	400.00	393.00	0.26	0.26	21.000	393.26	Absolute	393.26	False	
130	MH-32	395.00	48.0	395.00	388.00	0.27	0.27	21.000	388.27	Absolute	388.27	False	
131	MH-30	375.00	48.0	375.00	368.00	0.26	0.26	21.000	368.26	Absolute	368.26	False	
132	MH-22	300.00	48.0	300.00	293.00	0.21	0.21	20.000	293.21	Absolute	293.21	False	
133	MH-20	205.00	48.0	205.00	198.00	0.13	0.13	21.000	198.13	Absolute	198.13	False	
134	MH-18	175.00	48.0	175.00	168.00	0.15	0.15	21.000	168.15	Absolute	168.15	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 6.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.09	0.09	22.000	158.09	Absolute	158.09	False	
136	MH-12	130.00	48.0	130.00	123.00	0.28	0.28	21.000	123.28	Absolute	123.28	False	
137	MH-24	160.00	48.0	160.00	153.00	0.28	0.28	21.000	153.28	Absolute	153.28	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.27	0.27	21.000	108.27	Absolute	108.27	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.21	0.21	20.000	433.21	Absolute	433.21	False	
159	MH-64	420.00	48.0	420.00	413.00	0.25	0.25	21.000	413.25	Absolute	413.25	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.03	0.03	21.000	743.03	Absolute	743.03	False	
183	MH-118	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
187	MH-108	640.00	48.0	640.00	633.00	0.17	0.17	21.000	633.17	Absolute	633.17	False	
190	MH-76	535.00	48.0	535.00	528.00	0.13	0.13	20.000	528.13	Absolute	528.13	False	
196	MH-28	280.00	48.0	280.00	273.00	0.30	0.30	21.000	273.30	Absolute	273.30	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.19	0.19	21.000	466.73	Absolute	466.73	False	
260	MH-75	725.00	48.0	725.00	718.00	0.09	0.09	21.000	718.09	Absolute	718.09	False	

Current Time: 7.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.27	0.27	21.000	518.27	Absolute	518.27	False	
47	MH-100	510.00	48.0	510.00	503.00	0.10	0.10	20.000	503.10	Absolute	503.10	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.21	0.21	21.000	773.21	Absolute	773.21	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.41	0.41	21.000	508.41	Absolute	508.41	False	
59	MH-74	625.00	48.0	625.00	618.00	0.18	0.18	20.000	618.18	Absolute	618.18	False	
60	MH-72	529.00	48.0	529.00	522.00	0.21	0.21	21.000	522.21	Absolute	522.21	False	
62	MH-70	515.00	48.0	515.00	508.00	0.23	0.23	21.000	508.23	Absolute	508.23	False	
64	MH-75	620.00	48.0	620.00	613.00	0.12	0.12	20.000	613.12	Absolute	613.12	False	
67	MH-66	425.00	48.0	425.00	418.00	0.28	0.28	21.000	418.28	Absolute	418.28	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.65	0.65	20.000	318.65	Absolute	318.65	False	
87	MH-48	240.00	48.0	240.00	233.00	0.70	0.70	20.000	233.70	Absolute	233.70	False	
89	MH-26	235.00	48.0	235.00	228.00	0.79	0.79	21.000	228.79	Absolute	228.79	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 7.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.20	0.20	20.000	678.20	Absolute	678.20	False	
99	MH-82	655.00	48.0	655.00	648.00	0.32	0.32	21.000	648.32	Absolute	648.32	False	
100	MH-86	670.00	48.0	670.00	663.00	0.19	0.19	20.000	663.19	Absolute	663.19	False	
101	MH-80	600.00	48.0	600.00	593.00	0.39	0.39	21.000	593.39	Absolute	593.39	False	
102	MH-78	565.00	48.0	565.00	558.00	0.39	0.39	22.000	558.39	Absolute	558.39	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.23	0.23	21.000	543.23	Absolute	543.23	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.52	0.52	21.000	493.52	Absolute	493.52	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.37	0.37	21.000	498.37	Absolute	498.37	False	
118	MH-90	545.00	48.0	545.00	538.00	0.29	0.29	21.000	538.29	Absolute	538.29	False	
119	MH-92	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.54	0.54	21.000	448.54	Absolute	448.54	False	
129	MH-34	400.00	48.0	400.00	393.00	0.54	0.54	21.000	393.54	Absolute	393.54	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.21	0.21	20.000	293.21	Absolute	293.21	False	
133	MH-20	205.00	48.0	205.00	198.00	0.21	0.21	21.000	198.21	Absolute	198.21	False	
134	MH-18	175.00	48.0	175.00	168.00	0.24	0.24	21.000	168.24	Absolute	168.24	False	
135	MH-14	165.00	48.0	165.00	158.00	0.21	0.21	22.000	158.21	Absolute	158.21	False	
136	MH-12	130.00	48.0	130.00	123.00	0.81	0.81	21.000	123.81	Absolute	123.81	False	
137	MH-24	160.00	48.0	160.00	153.00	0.79	0.79	21.000	153.79	Absolute	153.79	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.81	0.81	21.000	108.81	Absolute	108.81	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.57	0.57	21.000	413.57	Absolute	413.57	False	
173	MH-98	450.00	48.0	450.00	443.00	0.10	0.10	21.000	443.10	Absolute	443.10	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.21	0.21	21.000	633.21	Absolute	633.21	False	
190	MH-76	535.00	48.0	535.00	528.00	0.13	0.13	20.000	528.13	Absolute	528.13	False	
196	MH-28	280.00	48.0	280.00	273.00	0.55	0.55	21.000	273.55	Absolute	273.55	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.25	0.25	21.000	466.79	Absolute	466.79	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 8.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 8.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.32	0.32	21.000	598.32	Absolute	598.32	False	
45	MH-104	525.00	48.0	525.00	518.00	0.28	0.28	21.000	518.28	Absolute	518.28	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.20	0.20	21.000	773.20	Absolute	773.20	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.42	0.42	21.000	508.42	Absolute	508.42	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.22	0.22	21.000	522.22	Absolute	522.22	False	
62	MH-70	515.00	48.0	515.00	508.00	0.24	0.24	21.000	508.24	Absolute	508.24	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.28	0.28	21.000	418.28	Absolute	418.28	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.64	0.64	20.000	318.64	Absolute	318.64	False	
87	MH-48	240.00	48.0	240.00	233.00	0.69	0.69	20.000	233.69	Absolute	233.69	False	
89	MH-26	235.00	48.0	235.00	228.00	0.79	0.79	21.000	228.79	Absolute	228.79	False	
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.17	0.17	20.000	678.17	Absolute	678.17	False	
99	MH-82	655.00	48.0	655.00	648.00	0.30	0.30	21.000	648.30	Absolute	648.30	False	
100	MH-86	670.00	48.0	670.00	663.00	0.16	0.16	20.000	663.16	Absolute	663.16	False	
101	MH-80	600.00	48.0	600.00	593.00	0.36	0.36	21.000	593.36	Absolute	593.36	False	
102	MH-78	565.00	48.0	565.00	558.00	0.39	0.39	22.000	558.39	Absolute	558.39	False	
103	MH-44	590.00	48.0	590.00	583.00	0.14	0.14	21.000	583.14	Absolute	583.14	False	
104	MH-42	550.00	48.0	550.00	543.00	0.21	0.21	21.000	543.21	Absolute	543.21	False	
105	MH-40	520.00	48.0	520.00	513.00	0.26	0.26	21.000	513.26	Absolute	513.26	False	
106	MH-38	500.00	48.0	500.00	493.00	0.52	0.52	21.000	493.52	Absolute	493.52	False	
109	MH-46	625.00	48.0	625.00	618.00	0.13	0.13	20.000	618.13	Absolute	618.13	False	
117	MH-88	505.00	48.0	505.00	498.00	0.35	0.35	21.000	498.35	Absolute	498.35	False	
118	MH-90	545.00	48.0	545.00	538.00	0.27	0.27	21.000	538.27	Absolute	538.27	False	
119	MH-92	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
120	MH-96	665.00	48.0	665.00	658.00	0.12	0.12	20.000	658.12	Absolute	658.12	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.53	0.53	21.000	448.53	Absolute	448.53	False	
129	MH-34	400.00	48.0	400.00	393.00	0.53	0.53	21.000	393.53	Absolute	393.53	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.17	0.17	20.000	293.17	Absolute	293.17	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.23	0.23	21.000	168.23	Absolute	168.23	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 8.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.21	0.21	22.000	158.21	Absolute	158.21	False	
136	MH-12	130.00	48.0	130.00	123.00	0.82	0.82	21.000	123.82	Absolute	123.82	False	
137	MH-24	160.00	48.0	160.00	153.00	0.79	0.79	21.000	153.79	Absolute	153.79	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.82	0.82	21.000	108.82	Absolute	108.82	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.57	0.57	21.000	413.57	Absolute	413.57	False	
173	MH-98	450.00	48.0	450.00	443.00	0.10	0.10	21.000	443.10	Absolute	443.10	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.28	0.28	21.000	578.28	Absolute	578.28	False	
187	MH-108	640.00	48.0	640.00	633.00	0.19	0.19	21.000	633.19	Absolute	633.19	False	
190	MH-76	535.00	48.0	535.00	528.00	0.18	0.18	20.000	528.18	Absolute	528.18	False	
196	MH-28	280.00	48.0	280.00	273.00	0.54	0.54	21.000	273.54	Absolute	273.54	False	
200	MH-126	805.00	48.0	805.00	798.00	0.16	0.16	21.000	798.16	Absolute	798.16	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.27	0.27	21.000	466.82	Absolute	466.82	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 9.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.30	0.30	21.000	598.30	Absolute	598.30	False	
45	MH-104	525.00	48.0	525.00	518.00	0.30	0.30	21.000	518.30	Absolute	518.30	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.19	0.19	21.000	613.19	Absolute	613.19	False	
56	MH-116	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.30	0.30	21.000	522.30	Absolute	522.30	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.41	0.41	21.000	418.41	Absolute	418.41	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.36	0.36	20.000	413.36	Absolute	413.36	False	
85	MH-50	325.00	48.0	325.00	318.00	0.55	0.55	20.000	318.55	Absolute	318.55	False	
87	MH-48	240.00	48.0	240.00	233.00	0.64	0.64	20.000	233.64	Absolute	233.64	False	
89	MH-26	235.00	48.0	235.00	228.00	0.75	0.75	21.000	228.75	Absolute	228.75	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 9.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.76	0.76	20.000	93.76	Absolute	93.76	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.17	0.17	20.000	678.17	Absolute	678.17	False	
99	MH-82	655.00	48.0	655.00	648.00	0.27	0.27	21.000	648.27	Absolute	648.27	False	
100	MH-86	670.00	48.0	670.00	663.00	0.16	0.16	20.000	663.16	Absolute	663.16	False	
101	MH-80	600.00	48.0	600.00	593.00	0.32	0.32	21.000	593.32	Absolute	593.32	False	
102	MH-78	565.00	48.0	565.00	558.00	0.32	0.32	22.000	558.32	Absolute	558.32	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.19	0.19	21.000	543.19	Absolute	543.19	False	
105	MH-40	520.00	48.0	520.00	513.00	0.23	0.23	21.000	513.23	Absolute	513.23	False	
106	MH-38	500.00	48.0	500.00	493.00	0.44	0.44	21.000	493.44	Absolute	493.44	False	
109	MH-46	625.00	48.0	625.00	618.00	0.13	0.13	20.000	618.13	Absolute	618.13	False	
117	MH-88	505.00	48.0	505.00	498.00	0.31	0.31	21.000	498.31	Absolute	498.31	False	
118	MH-90	545.00	48.0	545.00	538.00	0.24	0.24	21.000	538.24	Absolute	538.24	False	
119	MH-92	585.00	48.0	585.00	578.00	0.19	0.19	21.000	578.19	Absolute	578.19	False	
120	MH-96	665.00	48.0	665.00	658.00	0.12	0.12	20.000	658.12	Absolute	658.12	False	
121	MH-94	605.00	48.0	605.00	598.00	0.12	0.12	21.000	598.12	Absolute	598.12	False	
128	MH-36	455.00	48.0	455.00	448.00	0.46	0.46	21.000	448.46	Absolute	448.46	False	
129	MH-34	400.00	48.0	400.00	393.00	0.46	0.46	21.000	393.46	Absolute	393.46	False	
130	MH-32	395.00	48.0	395.00	388.00	0.45	0.45	21.000	388.45	Absolute	388.45	False	
131	MH-30	375.00	48.0	375.00	368.00	0.46	0.46	21.000	368.46	Absolute	368.46	False	
132	MH-22	300.00	48.0	300.00	293.00	0.17	0.17	20.000	293.17	Absolute	293.17	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	
135	MH-14	165.00	48.0	165.00	158.00	0.17	0.17	22.000	158.17	Absolute	158.17	False	
136	MH-12	130.00	48.0	130.00	123.00	0.76	0.76	21.000	123.76	Absolute	123.76	False	
137	MH-24	160.00	48.0	160.00	153.00	0.75	0.75	21.000	153.75	Absolute	153.75	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.77	0.77	21.000	108.77	Absolute	108.77	False	
157	MH-102	500.00	48.0	500.00	493.00	0.10	0.10	20.000	493.10	Absolute	493.10	False	
158	MH-65	440.00	48.0	440.00	433.00	0.47	0.47	20.000	433.47	Absolute	433.47	False	
159	MH-64	420.00	48.0	420.00	413.00	0.61	0.61	21.000	413.61	Absolute	413.61	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.26	0.26	21.000	578.26	Absolute	578.26	False	
187	MH-108	640.00	48.0	640.00	633.00	0.17	0.17	21.000	633.17	Absolute	633.17	False	
190	MH-76	535.00	48.0	535.00	528.00	0.18	0.18	20.000	528.18	Absolute	528.18	False	
196	MH-28	280.00	48.0	280.00	273.00	0.47	0.47	21.000	273.47	Absolute	273.47	False	
200	MH-126	805.00	48.0	805.00	798.00	0.16	0.16	21.000	798.16	Absolute	798.16	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.36	0.36	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.16	0.16	21.000	718.16	Absolute	718.16	False	

Current Time: 10.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.29	0.29	21.000	518.29	Absolute	518.29	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
59	MH-74	625.00	48.0	625.00	618.00	0.21	0.21	20.000	618.21	Absolute	618.21	False	
60	MH-72	529.00	48.0	529.00	522.00	0.30	0.30	21.000	522.30	Absolute	522.30	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.41	0.41	21.000	418.41	Absolute	418.41	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.13	0.13	20.000	413.13	Absolute	413.13	False	
85	MH-50	325.00	48.0	325.00	318.00	0.18	0.18	20.000	318.18	Absolute	318.18	False	
87	MH-48	240.00	48.0	240.00	233.00	0.21	0.21	20.000	233.21	Absolute	233.21	False	
89	MH-26	235.00	48.0	235.00	228.00	0.47	0.47	21.000	228.47	Absolute	228.47	False	
92	MH-2	100.00	48.0	100.00	93.00	0.08	0.08	20.000	93.08	Absolute	93.08	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.08	0.08	20.000	168.08	Absolute	168.08	False	
98	MH-84	685.00	48.0	685.00	678.00	0.13	0.13	20.000	678.13	Absolute	678.13	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.12	0.12	20.000	663.12	Absolute	663.12	False	
101	MH-80	600.00	48.0	600.00	593.00	0.30	0.30	21.000	593.30	Absolute	593.30	False	
102	MH-78	565.00	48.0	565.00	558.00	0.32	0.32	22.000	558.32	Absolute	558.32	False	
103	MH-44	590.00	48.0	590.00	583.00	0.12	0.12	21.000	583.12	Absolute	583.12	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.21	0.21	21.000	513.21	Absolute	513.21	False	
106	MH-38	500.00	48.0	500.00	493.00	0.44	0.44	21.000	493.44	Absolute	493.44	False	
109	MH-46	625.00	48.0	625.00	618.00	0.10	0.10	20.000	618.10	Absolute	618.10	False	
117	MH-88	505.00	48.0	505.00	498.00	0.28	0.28	21.000	498.28	Absolute	498.28	False	
118	MH-90	545.00	48.0	545.00	538.00	0.22	0.22	21.000	538.22	Absolute	538.22	False	
119	MH-92	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.45	0.45	21.000	448.45	Absolute	448.45	False	
129	MH-34	400.00	48.0	400.00	393.00	0.45	0.45	21.000	393.45	Absolute	393.45	False	
130	MH-32	395.00	48.0	395.00	388.00	0.44	0.44	21.000	388.44	Absolute	388.44	False	
131	MH-30	375.00	48.0	375.00	368.00	0.45	0.45	21.000	368.45	Absolute	368.45	False	
132	MH-22	300.00	48.0	300.00	293.00	0.14	0.14	20.000	293.14	Absolute	293.14	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.17	0.17	22.000	158.17	Absolute	158.17	False	
136	MH-12	130.00	48.0	130.00	123.00	0.50	0.50	21.000	123.50	Absolute	123.50	False	
137	MH-24	160.00	48.0	160.00	153.00	0.48	0.48	21.000	153.48	Absolute	153.48	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.51	0.51	21.000	108.51	Absolute	108.51	False	
157	MH-102	500.00	48.0	500.00	493.00	0.08	0.08	20.000	493.08	Absolute	493.08	False	
158	MH-65	440.00	48.0	440.00	433.00	0.10	0.10	20.000	433.10	Absolute	433.10	False	
159	MH-64	420.00	48.0	420.00	413.00	0.37	0.37	21.000	413.37	Absolute	413.37	False	
173	MH-98	450.00	48.0	450.00	443.00	0.14	0.14	21.000	443.14	Absolute	443.14	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.15	0.15	20.000	528.15	Absolute	528.15	False	
196	MH-28	280.00	48.0	280.00	273.00	0.46	0.46	21.000	273.46	Absolute	273.46	False	
200	MH-126	805.00	48.0	805.00	798.00	0.13	0.13	21.000	798.13	Absolute	798.13	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.35	0.35	21.000	466.90	Absolute	466.90	False	
260	MH-75	725.00	48.0	725.00	718.00	0.16	0.16	21.000	718.16	Absolute	718.16	False	

Current Time: 11.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.10	0.10	21.000	673.10	Absolute	673.10	False	
43	MH-106	605.00	48.0	605.00	598.00	0.25	0.25	21.000	598.25	Absolute	598.25	False	
45	MH-104	525.00	48.0	525.00	518.00	0.25	0.25	21.000	518.25	Absolute	518.25	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.14	0.14	21.000	773.14	Absolute	773.14	False	
54	MH-120	620.00	48.0	620.00	613.00	0.16	0.16	21.000	613.16	Absolute	613.16	False	
56	MH-116	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
59	MH-74	625.00	48.0	625.00	618.00	0.21	0.21	20.000	618.21	Absolute	618.21	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.13	0.13	20.000	413.13	Absolute	413.13	False	
85	MH-50	325.00	48.0	325.00	318.00	0.16	0.16	20.000	318.16	Absolute	318.16	False	
87	MH-48	240.00	48.0	240.00	233.00	0.18	0.18	20.000	233.18	Absolute	233.18	False	
89	MH-26	235.00	48.0	235.00	228.00	0.39	0.39	21.000	228.39	Absolute	228.39	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 11.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.06	0.06	20.000	93.06	Absolute	93.06	False	
93	MH-4	105.00	48.0	105.00	98.00	0.07	0.07	20.000	98.07	Absolute	98.07	False	
94	MH-6	175.00	48.0	175.00	168.00	0.08	0.08	20.000	168.08	Absolute	168.08	False	
98	MH-84	685.00	48.0	685.00	678.00	0.13	0.13	20.000	678.13	Absolute	678.13	False	
99	MH-82	655.00	48.0	655.00	648.00	0.21	0.21	21.000	648.21	Absolute	648.21	False	
100	MH-86	670.00	48.0	670.00	663.00	0.12	0.12	20.000	663.12	Absolute	663.12	False	
101	MH-80	600.00	48.0	600.00	593.00	0.26	0.26	21.000	593.26	Absolute	593.26	False	
102	MH-78	565.00	48.0	565.00	558.00	0.26	0.26	22.000	558.26	Absolute	558.26	False	
103	MH-44	590.00	48.0	590.00	583.00	0.10	0.10	21.000	583.10	Absolute	583.10	False	
104	MH-42	550.00	48.0	550.00	543.00	0.15	0.15	21.000	543.15	Absolute	543.15	False	
105	MH-40	520.00	48.0	520.00	513.00	0.19	0.19	21.000	513.19	Absolute	513.19	False	
106	MH-38	500.00	48.0	500.00	493.00	0.35	0.35	21.000	493.35	Absolute	493.35	False	
109	MH-46	625.00	48.0	625.00	618.00	0.10	0.10	20.000	618.10	Absolute	618.10	False	
117	MH-88	505.00	48.0	505.00	498.00	0.24	0.24	21.000	498.24	Absolute	498.24	False	
118	MH-90	545.00	48.0	545.00	538.00	0.19	0.19	21.000	538.19	Absolute	538.19	False	
119	MH-92	585.00	48.0	585.00	578.00	0.15	0.15	21.000	578.15	Absolute	578.15	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.37	0.37	21.000	448.37	Absolute	448.37	False	
129	MH-34	400.00	48.0	400.00	393.00	0.37	0.37	21.000	393.37	Absolute	393.37	False	
130	MH-32	395.00	48.0	395.00	388.00	0.36	0.36	21.000	388.36	Absolute	388.36	False	
131	MH-30	375.00	48.0	375.00	368.00	0.37	0.37	21.000	368.37	Absolute	368.37	False	
132	MH-22	300.00	48.0	300.00	293.00	0.14	0.14	20.000	293.14	Absolute	293.14	False	
133	MH-20	205.00	48.0	205.00	198.00	0.14	0.14	21.000	198.14	Absolute	198.14	False	
134	MH-18	175.00	48.0	175.00	168.00	0.16	0.16	21.000	168.16	Absolute	168.16	False	
135	MH-14	165.00	48.0	165.00	158.00	0.14	0.14	22.000	158.14	Absolute	158.14	False	
136	MH-12	130.00	48.0	130.00	123.00	0.41	0.41	21.000	123.41	Absolute	123.41	False	
137	MH-24	160.00	48.0	160.00	153.00	0.39	0.39	21.000	153.39	Absolute	153.39	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.41	0.41	21.000	108.41	Absolute	108.41	False	
157	MH-102	500.00	48.0	500.00	493.00	0.08	0.08	20.000	493.08	Absolute	493.08	False	
158	MH-65	440.00	48.0	440.00	433.00	0.08	0.08	20.000	433.08	Absolute	433.08	False	
159	MH-64	420.00	48.0	420.00	413.00	0.31	0.31	21.000	413.31	Absolute	413.31	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
187	MH-108	640.00	48.0	640.00	633.00	0.14	0.14	21.000	633.14	Absolute	633.14	False	
190	MH-76	535.00	48.0	535.00	528.00	0.15	0.15	20.000	528.15	Absolute	528.15	False	
196	MH-28	280.00	48.0	280.00	273.00	0.38	0.38	21.000	273.38	Absolute	273.38	False	
200	MH-126	805.00	48.0	805.00	798.00	0.13	0.13	21.000	798.13	Absolute	798.13	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.84	Absolute	466.84	False	
260	MH-75	725.00	48.0	725.00	718.00	0.13	0.13	21.000	718.13	Absolute	718.13	False	

Current Time: 12.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 12.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.25	0.25	21.000	518.25	Absolute	518.25	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.14	0.14	21.000	773.14	Absolute	773.14	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.53	0.53	20.000	413.53	Absolute	413.53	False	
85	MH-50	325.00	48.0	325.00	318.00	0.37	0.37	20.000	318.37	Absolute	318.37	False	
87	MH-48	240.00	48.0	240.00	233.00	0.30	0.30	20.000	233.30	Absolute	233.30	False	
89	MH-26	235.00	48.0	235.00	228.00	0.39	0.39	21.000	228.39	Absolute	228.39	False	
92	MH-2	100.00	48.0	100.00	93.00	0.12	0.12	20.000	93.12	Absolute	93.12	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.09	0.09	20.000	168.09	Absolute	168.09	False	
98	MH-84	685.00	48.0	685.00	678.00	0.14	0.14	20.000	678.14	Absolute	678.14	False	
99	MH-82	655.00	48.0	655.00	648.00	0.22	0.22	21.000	648.22	Absolute	648.22	False	
100	MH-86	670.00	48.0	670.00	663.00	0.13	0.13	20.000	663.13	Absolute	663.13	False	
101	MH-80	600.00	48.0	600.00	593.00	0.27	0.27	21.000	593.27	Absolute	593.27	False	
102	MH-78	565.00	48.0	565.00	558.00	0.26	0.26	22.000	558.26	Absolute	558.26	False	
103	MH-44	590.00	48.0	590.00	583.00	0.10	0.10	21.000	583.10	Absolute	583.10	False	
104	MH-42	550.00	48.0	550.00	543.00	0.16	0.16	21.000	543.16	Absolute	543.16	False	
105	MH-40	520.00	48.0	520.00	513.00	0.19	0.19	21.000	513.19	Absolute	513.19	False	
106	MH-38	500.00	48.0	500.00	493.00	0.35	0.35	21.000	493.35	Absolute	493.35	False	
109	MH-46	625.00	48.0	625.00	618.00	0.11	0.11	20.000	618.11	Absolute	618.11	False	
117	MH-88	505.00	48.0	505.00	498.00	0.25	0.25	21.000	498.25	Absolute	498.25	False	
118	MH-90	545.00	48.0	545.00	538.00	0.20	0.20	21.000	538.20	Absolute	538.20	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.37	0.37	21.000	448.37	Absolute	448.37	False	
129	MH-34	400.00	48.0	400.00	393.00	0.37	0.37	21.000	393.37	Absolute	393.37	False	
130	MH-32	395.00	48.0	395.00	388.00	0.36	0.36	21.000	388.36	Absolute	388.36	False	
131	MH-30	375.00	48.0	375.00	368.00	0.37	0.37	21.000	368.37	Absolute	368.37	False	
132	MH-22	300.00	48.0	300.00	293.00	0.15	0.15	20.000	293.15	Absolute	293.15	False	
133	MH-20	205.00	48.0	205.00	198.00	0.14	0.14	21.000	198.14	Absolute	198.14	False	
134	MH-18	175.00	48.0	175.00	168.00	0.16	0.16	21.000	168.16	Absolute	168.16	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 12.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.14	0.14	22.000	158.14	Absolute	158.14	False	
136	MH-12	130.00	48.0	130.00	123.00	0.41	0.41	21.000	123.41	Absolute	123.41	False	
137	MH-24	160.00	48.0	160.00	153.00	0.39	0.39	21.000	153.39	Absolute	153.39	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.41	0.41	21.000	108.41	Absolute	108.41	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.22	0.22	20.000	433.22	Absolute	433.22	False	
159	MH-64	420.00	48.0	420.00	413.00	0.33	0.33	21.000	413.33	Absolute	413.33	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
187	MH-108	640.00	48.0	640.00	633.00	0.15	0.15	21.000	633.15	Absolute	633.15	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.38	0.38	21.000	273.38	Absolute	273.38	False	
200	MH-126	805.00	48.0	805.00	798.00	0.14	0.14	21.000	798.14	Absolute	798.14	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.84	Absolute	466.84	False	
260	MH-75	725.00	48.0	725.00	718.00	0.13	0.13	21.000	718.13	Absolute	718.13	False	

Current Time: 13.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.26	0.26	21.000	518.26	Absolute	518.26	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.15	0.15	21.000	773.15	Absolute	773.15	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.36	0.36	21.000	508.36	Absolute	508.36	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.26	0.26	21.000	522.26	Absolute	522.26	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.36	0.36	21.000	418.36	Absolute	418.36	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.64	0.64	20.000	318.64	Absolute	318.64	False	
87	MH-48	240.00	48.0	240.00	233.00	0.68	0.68	20.000	233.68	Absolute	233.68	False	
89	MH-26	235.00	48.0	235.00	228.00	0.70	0.70	21.000	228.70	Absolute	228.70	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 13.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.09	0.09	20.000	168.09	Absolute	168.09	False	
98	MH-84	685.00	48.0	685.00	678.00	0.14	0.14	20.000	678.14	Absolute	678.14	False	
99	MH-82	655.00	48.0	655.00	648.00	0.23	0.23	21.000	648.23	Absolute	648.23	False	
100	MH-86	670.00	48.0	670.00	663.00	0.13	0.13	20.000	663.13	Absolute	663.13	False	
101	MH-80	600.00	48.0	600.00	593.00	0.28	0.28	21.000	593.28	Absolute	593.28	False	
102	MH-78	565.00	48.0	565.00	558.00	0.28	0.28	22.000	558.28	Absolute	558.28	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.16	0.16	21.000	543.16	Absolute	543.16	False	
105	MH-40	520.00	48.0	520.00	513.00	0.20	0.20	21.000	513.20	Absolute	513.20	False	
106	MH-38	500.00	48.0	500.00	493.00	0.38	0.38	21.000	493.38	Absolute	493.38	False	
109	MH-46	625.00	48.0	625.00	618.00	0.11	0.11	20.000	618.11	Absolute	618.11	False	
117	MH-88	505.00	48.0	505.00	498.00	0.26	0.26	21.000	498.26	Absolute	498.26	False	
118	MH-90	545.00	48.0	545.00	538.00	0.21	0.21	21.000	538.21	Absolute	538.21	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.39	0.39	21.000	448.39	Absolute	448.39	False	
129	MH-34	400.00	48.0	400.00	393.00	0.39	0.39	21.000	393.39	Absolute	393.39	False	
130	MH-32	395.00	48.0	395.00	388.00	0.38	0.38	21.000	388.38	Absolute	388.38	False	
131	MH-30	375.00	48.0	375.00	368.00	0.39	0.39	21.000	368.39	Absolute	368.39	False	
132	MH-22	300.00	48.0	300.00	293.00	0.15	0.15	20.000	293.15	Absolute	293.15	False	
133	MH-20	205.00	48.0	205.00	198.00	0.15	0.15	21.000	198.15	Absolute	198.15	False	
134	MH-18	175.00	48.0	175.00	168.00	0.17	0.17	21.000	168.17	Absolute	168.17	False	
135	MH-14	165.00	48.0	165.00	158.00	0.15	0.15	22.000	158.15	Absolute	158.15	False	
136	MH-12	130.00	48.0	130.00	123.00	0.72	0.72	21.000	123.72	Absolute	123.72	False	
137	MH-24	160.00	48.0	160.00	153.00	0.70	0.70	21.000	153.70	Absolute	153.70	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.72	0.72	21.000	108.72	Absolute	108.72	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.59	0.59	21.000	413.59	Absolute	413.59	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.15	0.15	21.000	633.15	Absolute	633.15	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.41	0.41	21.000	273.41	Absolute	273.41	False	
200	MH-126	805.00	48.0	805.00	798.00	0.14	0.14	21.000	798.14	Absolute	798.14	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.31	0.31	21.000	466.86	Absolute	466.86	False	
260	MH-75	725.00	48.0	725.00	718.00	0.14	0.14	21.000	718.14	Absolute	718.14	False	

Current Time: 14.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 14.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.12	0.12	21.000	673.12	Absolute	673.12	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.26	0.26	21.000	518.26	Absolute	518.26	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.15	0.15	21.000	773.15	Absolute	773.15	False	
54	MH-120	620.00	48.0	620.00	613.00	0.20	0.20	21.000	613.20	Absolute	613.20	False	
56	MH-116	515.00	48.0	515.00	508.00	0.36	0.36	21.000	508.36	Absolute	508.36	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.26	0.26	21.000	522.26	Absolute	522.26	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.36	0.36	21.000	418.36	Absolute	418.36	False	
75	MH-62	450.00	48.0	450.00	443.00	0.08	0.08	20.000	443.08	Absolute	443.08	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.64	0.64	20.000	318.64	Absolute	318.64	False	
87	MH-48	240.00	48.0	240.00	233.00	0.68	0.68	20.000	233.68	Absolute	233.68	False	
89	MH-26	235.00	48.0	235.00	228.00	0.70	0.70	21.000	228.70	Absolute	228.70	False	
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.16	0.16	20.000	678.16	Absolute	678.16	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.15	0.15	20.000	663.15	Absolute	663.15	False	
101	MH-80	600.00	48.0	600.00	593.00	0.29	0.29	21.000	593.29	Absolute	593.29	False	
102	MH-78	565.00	48.0	565.00	558.00	0.28	0.28	22.000	558.28	Absolute	558.28	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.20	0.20	21.000	513.20	Absolute	513.20	False	
106	MH-38	500.00	48.0	500.00	493.00	0.38	0.38	21.000	493.38	Absolute	493.38	False	
109	MH-46	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
117	MH-88	505.00	48.0	505.00	498.00	0.27	0.27	21.000	498.27	Absolute	498.27	False	
118	MH-90	545.00	48.0	545.00	538.00	0.22	0.22	21.000	538.22	Absolute	538.22	False	
119	MH-92	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
120	MH-96	665.00	48.0	665.00	658.00	0.11	0.11	20.000	658.11	Absolute	658.11	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.40	0.40	21.000	448.40	Absolute	448.40	False	
129	MH-34	400.00	48.0	400.00	393.00	0.39	0.39	21.000	393.39	Absolute	393.39	False	
130	MH-32	395.00	48.0	395.00	388.00	0.39	0.39	21.000	388.39	Absolute	388.39	False	
131	MH-30	375.00	48.0	375.00	368.00	0.39	0.39	21.000	368.39	Absolute	368.39	False	
132	MH-22	300.00	48.0	300.00	293.00	0.16	0.16	20.000	293.16	Absolute	293.16	False	
133	MH-20	205.00	48.0	205.00	198.00	0.15	0.15	21.000	198.15	Absolute	198.15	False	
134	MH-18	175.00	48.0	175.00	168.00	0.17	0.17	21.000	168.17	Absolute	168.17	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 14.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.15	0.15	22.000	158.15	Absolute	158.15	False	
136	MH-12	130.00	48.0	130.00	123.00	0.72	0.72	21.000	123.72	Absolute	123.72	False	
137	MH-24	160.00	48.0	160.00	153.00	0.71	0.71	21.000	153.71	Absolute	153.71	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.72	0.72	21.000	108.72	Absolute	108.72	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.59	0.59	21.000	413.59	Absolute	413.59	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.41	0.41	21.000	273.41	Absolute	273.41	False	
200	MH-126	805.00	48.0	805.00	798.00	0.15	0.15	21.000	798.15	Absolute	798.15	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.31	0.31	21.000	466.86	Absolute	466.86	False	
260	MH-75	725.00	48.0	725.00	718.00	0.14	0.14	21.000	718.14	Absolute	718.14	False	

Current Time: 15.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.12	0.12	21.000	673.12	Absolute	673.12	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.27	0.27	21.000	518.27	Absolute	518.27	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.16	0.16	21.000	773.16	Absolute	773.16	False	
54	MH-120	620.00	48.0	620.00	613.00	0.21	0.21	21.000	613.21	Absolute	613.21	False	
56	MH-116	515.00	48.0	515.00	508.00	0.39	0.39	21.000	508.39	Absolute	508.39	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.27	0.27	21.000	522.27	Absolute	522.27	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.37	0.37	21.000	418.37	Absolute	418.37	False	
75	MH-62	450.00	48.0	450.00	443.00	0.08	0.08	20.000	443.08	Absolute	443.08	False	
76	MH-58	395.00	48.0	395.00	388.00	0.08	0.08	21.000	388.08	Absolute	388.08	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.36	0.36	20.000	413.36	Absolute	413.36	False	
85	MH-50	325.00	48.0	325.00	318.00	0.54	0.54	20.000	318.54	Absolute	318.54	False	
87	MH-48	240.00	48.0	240.00	233.00	0.64	0.64	20.000	233.64	Absolute	233.64	False	
89	MH-26	235.00	48.0	235.00	228.00	0.73	0.73	21.000	228.73	Absolute	228.73	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 15.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.76	0.76	20.000	93.76	Absolute	93.76	False	
93	MH-4	105.00	48.0	105.00	98.00	0.08	0.08	20.000	98.08	Absolute	98.08	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.16	0.16	20.000	678.16	Absolute	678.16	False	
99	MH-82	655.00	48.0	655.00	648.00	0.25	0.25	21.000	648.25	Absolute	648.25	False	
100	MH-86	670.00	48.0	670.00	663.00	0.15	0.15	20.000	663.15	Absolute	663.15	False	
101	MH-80	600.00	48.0	600.00	593.00	0.30	0.30	21.000	593.30	Absolute	593.30	False	
102	MH-78	565.00	48.0	565.00	558.00	0.30	0.30	22.000	558.30	Absolute	558.30	False	
103	MH-44	590.00	48.0	590.00	583.00	0.12	0.12	21.000	583.12	Absolute	583.12	False	
104	MH-42	550.00	48.0	550.00	543.00	0.18	0.18	21.000	543.18	Absolute	543.18	False	
105	MH-40	520.00	48.0	520.00	513.00	0.21	0.21	21.000	513.21	Absolute	513.21	False	
106	MH-38	500.00	48.0	500.00	493.00	0.41	0.41	21.000	493.41	Absolute	493.41	False	
109	MH-46	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
117	MH-88	505.00	48.0	505.00	498.00	0.29	0.29	21.000	498.29	Absolute	498.29	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.18	0.18	21.000	578.18	Absolute	578.18	False	
120	MH-96	665.00	48.0	665.00	658.00	0.11	0.11	20.000	658.11	Absolute	658.11	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.43	0.43	21.000	448.43	Absolute	448.43	False	
129	MH-34	400.00	48.0	400.00	393.00	0.43	0.43	21.000	393.43	Absolute	393.43	False	
130	MH-32	395.00	48.0	395.00	388.00	0.42	0.42	21.000	388.42	Absolute	388.42	False	
131	MH-30	375.00	48.0	375.00	368.00	0.43	0.43	21.000	368.43	Absolute	368.43	False	
132	MH-22	300.00	48.0	300.00	293.00	0.16	0.16	20.000	293.16	Absolute	293.16	False	
133	MH-20	205.00	48.0	205.00	198.00	0.16	0.16	21.000	198.16	Absolute	198.16	False	
134	MH-18	175.00	48.0	175.00	168.00	0.18	0.18	21.000	168.18	Absolute	168.18	False	
135	MH-14	165.00	48.0	165.00	158.00	0.16	0.16	22.000	158.16	Absolute	158.16	False	
136	MH-12	130.00	48.0	130.00	123.00	0.74	0.74	21.000	123.74	Absolute	123.74	False	
137	MH-24	160.00	48.0	160.00	153.00	0.73	0.73	21.000	153.73	Absolute	153.73	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.74	0.74	21.000	108.74	Absolute	108.74	False	
157	MH-102	500.00	48.0	500.00	493.00	0.10	0.10	20.000	493.10	Absolute	493.10	False	
158	MH-65	440.00	48.0	440.00	433.00	0.47	0.47	20.000	433.47	Absolute	433.47	False	
159	MH-64	420.00	48.0	420.00	413.00	0.59	0.59	21.000	413.59	Absolute	413.59	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.27	0.27	21.000	578.27	Absolute	578.27	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.44	0.44	21.000	273.44	Absolute	273.44	False	
200	MH-126	805.00	48.0	805.00	798.00	0.15	0.15	21.000	798.15	Absolute	798.15	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.32	0.32	21.000	466.87	Absolute	466.87	False	
260	MH-75	725.00	48.0	725.00	718.00	0.15	0.15	21.000	718.15	Absolute	718.15	False	

Current Time: 16.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 16.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.30	0.30	21.000	598.30	Absolute	598.30	False	
45	MH-104	525.00	48.0	525.00	518.00	0.28	0.28	21.000	518.28	Absolute	518.28	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.39	0.39	21.000	508.39	Absolute	508.39	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.27	0.27	21.000	522.27	Absolute	522.27	False	
62	MH-70	515.00	48.0	515.00	508.00	0.30	0.30	21.000	508.30	Absolute	508.30	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.38	0.38	21.000	418.38	Absolute	418.38	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.08	0.08	21.000	388.08	Absolute	388.08	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.16	0.16	20.000	413.16	Absolute	413.16	False	
85	MH-50	325.00	48.0	325.00	318.00	0.21	0.21	20.000	318.21	Absolute	318.21	False	
87	MH-48	240.00	48.0	240.00	233.00	0.22	0.22	20.000	233.22	Absolute	233.22	False	
89	MH-26	235.00	48.0	235.00	228.00	0.46	0.46	21.000	228.46	Absolute	228.46	False	
92	MH-2	100.00	48.0	100.00	93.00	0.07	0.07	20.000	93.07	Absolute	93.07	False	
93	MH-4	105.00	48.0	105.00	98.00	0.08	0.08	20.000	98.08	Absolute	98.08	False	
94	MH-6	175.00	48.0	175.00	168.00	0.11	0.11	20.000	168.11	Absolute	168.11	False	
98	MH-84	685.00	48.0	685.00	678.00	0.18	0.18	20.000	678.18	Absolute	678.18	False	
99	MH-82	655.00	48.0	655.00	648.00	0.27	0.27	21.000	648.27	Absolute	648.27	False	
100	MH-86	670.00	48.0	670.00	663.00	0.17	0.17	20.000	663.17	Absolute	663.17	False	
101	MH-80	600.00	48.0	600.00	593.00	0.33	0.33	21.000	593.33	Absolute	593.33	False	
102	MH-78	565.00	48.0	565.00	558.00	0.30	0.30	22.000	558.30	Absolute	558.30	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.19	0.19	21.000	543.19	Absolute	543.19	False	
105	MH-40	520.00	48.0	520.00	513.00	0.22	0.22	21.000	513.22	Absolute	513.22	False	
106	MH-38	500.00	48.0	500.00	493.00	0.42	0.42	21.000	493.42	Absolute	493.42	False	
109	MH-46	625.00	48.0	625.00	618.00	0.14	0.14	20.000	618.14	Absolute	618.14	False	
117	MH-88	505.00	48.0	505.00	498.00	0.31	0.31	21.000	498.31	Absolute	498.31	False	
118	MH-90	545.00	48.0	545.00	538.00	0.25	0.25	21.000	538.25	Absolute	538.25	False	
119	MH-92	585.00	48.0	585.00	578.00	0.20	0.20	21.000	578.20	Absolute	578.20	False	
120	MH-96	665.00	48.0	665.00	658.00	0.13	0.13	20.000	658.13	Absolute	658.13	False	
121	MH-94	605.00	48.0	605.00	598.00	0.12	0.12	21.000	598.12	Absolute	598.12	False	
128	MH-36	455.00	48.0	455.00	448.00	0.43	0.43	21.000	448.43	Absolute	448.43	False	
129	MH-34	400.00	48.0	400.00	393.00	0.43	0.43	21.000	393.43	Absolute	393.43	False	
130	MH-32	395.00	48.0	395.00	388.00	0.42	0.42	21.000	388.42	Absolute	388.42	False	
131	MH-30	375.00	48.0	375.00	368.00	0.43	0.43	21.000	368.43	Absolute	368.43	False	
132	MH-22	300.00	48.0	300.00	293.00	0.19	0.19	20.000	293.19	Absolute	293.19	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 16.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.16	0.16	22.000	158.16	Absolute	158.16	False	
136	MH-12	130.00	48.0	130.00	123.00	0.48	0.48	21.000	123.48	Absolute	123.48	False	
137	MH-24	160.00	48.0	160.00	153.00	0.46	0.46	21.000	153.46	Absolute	153.46	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.48	0.48	21.000	108.48	Absolute	108.48	False	
157	MH-102	500.00	48.0	500.00	493.00	0.11	0.11	20.000	493.11	Absolute	493.11	False	
158	MH-65	440.00	48.0	440.00	433.00	0.10	0.10	20.000	433.10	Absolute	433.10	False	
159	MH-64	420.00	48.0	420.00	413.00	0.36	0.36	21.000	413.36	Absolute	413.36	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.29	0.29	21.000	578.29	Absolute	578.29	False	
187	MH-108	640.00	48.0	640.00	633.00	0.18	0.18	21.000	633.18	Absolute	633.18	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.45	0.45	21.000	273.45	Absolute	273.45	False	
200	MH-126	805.00	48.0	805.00	798.00	0.17	0.17	21.000	798.17	Absolute	798.17	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.33	0.33	21.000	466.87	Absolute	466.87	False	
260	MH-75	725.00	48.0	725.00	718.00	0.15	0.15	21.000	718.15	Absolute	718.15	False	

Current Time: 17.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.14	0.14	21.000	673.14	Absolute	673.14	False	
43	MH-106	605.00	48.0	605.00	598.00	0.31	0.31	21.000	598.31	Absolute	598.31	False	
45	MH-104	525.00	48.0	525.00	518.00	0.31	0.31	21.000	518.31	Absolute	518.31	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.24	0.24	21.000	613.24	Absolute	613.24	False	
56	MH-116	515.00	48.0	515.00	508.00	0.45	0.45	21.000	508.45	Absolute	508.45	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.42	0.42	21.000	418.42	Absolute	418.42	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.17	0.17	20.000	413.17	Absolute	413.17	False	
85	MH-50	325.00	48.0	325.00	318.00	0.22	0.22	20.000	318.22	Absolute	318.22	False	
87	MH-48	240.00	48.0	240.00	233.00	0.23	0.23	20.000	233.23	Absolute	233.23	False	
89	MH-26	235.00	48.0	235.00	228.00	0.52	0.52	21.000	228.52	Absolute	228.52	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 17.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.08	0.08	20.000	93.08	Absolute	93.08	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.11	0.11	20.000	168.11	Absolute	168.11	False	
98	MH-84	685.00	48.0	685.00	678.00	0.18	0.18	20.000	678.18	Absolute	678.18	False	
99	MH-82	655.00	48.0	655.00	648.00	0.29	0.29	21.000	648.29	Absolute	648.29	False	
100	MH-86	670.00	48.0	670.00	663.00	0.17	0.17	20.000	663.17	Absolute	663.17	False	
101	MH-80	600.00	48.0	600.00	593.00	0.35	0.35	21.000	593.35	Absolute	593.35	False	
102	MH-78	565.00	48.0	565.00	558.00	0.35	0.35	22.000	558.35	Absolute	558.35	False	
103	MH-44	590.00	48.0	590.00	583.00	0.14	0.14	21.000	583.14	Absolute	583.14	False	
104	MH-42	550.00	48.0	550.00	543.00	0.21	0.21	21.000	543.21	Absolute	543.21	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.48	0.48	21.000	493.48	Absolute	493.48	False	
109	MH-46	625.00	48.0	625.00	618.00	0.14	0.14	20.000	618.14	Absolute	618.14	False	
117	MH-88	505.00	48.0	505.00	498.00	0.34	0.34	21.000	498.34	Absolute	498.34	False	
118	MH-90	545.00	48.0	545.00	538.00	0.27	0.27	21.000	538.27	Absolute	538.27	False	
119	MH-92	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
120	MH-96	665.00	48.0	665.00	658.00	0.13	0.13	20.000	658.13	Absolute	658.13	False	
121	MH-94	605.00	48.0	605.00	598.00	0.13	0.13	21.000	598.13	Absolute	598.13	False	
128	MH-36	455.00	48.0	455.00	448.00	0.50	0.50	21.000	448.50	Absolute	448.50	False	
129	MH-34	400.00	48.0	400.00	393.00	0.50	0.50	21.000	393.50	Absolute	393.50	False	
130	MH-32	395.00	48.0	395.00	388.00	0.49	0.49	21.000	388.49	Absolute	388.49	False	
131	MH-30	375.00	48.0	375.00	368.00	0.50	0.50	21.000	368.50	Absolute	368.50	False	
132	MH-22	300.00	48.0	300.00	293.00	0.19	0.19	20.000	293.19	Absolute	293.19	False	
133	MH-20	205.00	48.0	205.00	198.00	0.19	0.19	21.000	198.19	Absolute	198.19	False	
134	MH-18	175.00	48.0	175.00	168.00	0.21	0.21	21.000	168.21	Absolute	168.21	False	
135	MH-14	165.00	48.0	165.00	158.00	0.19	0.19	22.000	158.19	Absolute	158.19	False	
136	MH-12	130.00	48.0	130.00	123.00	0.55	0.55	21.000	123.55	Absolute	123.55	False	
137	MH-24	160.00	48.0	160.00	153.00	0.52	0.52	21.000	153.52	Absolute	153.52	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.55	0.55	21.000	108.55	Absolute	108.55	False	
157	MH-102	500.00	48.0	500.00	493.00	0.11	0.11	20.000	493.11	Absolute	493.11	False	
158	MH-65	440.00	48.0	440.00	433.00	0.11	0.11	20.000	433.11	Absolute	433.11	False	
159	MH-64	420.00	48.0	420.00	413.00	0.40	0.40	21.000	413.40	Absolute	413.40	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.19	0.19	21.000	633.19	Absolute	633.19	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.51	0.51	21.000	273.51	Absolute	273.51	False	
200	MH-126	805.00	48.0	805.00	798.00	0.18	0.18	21.000	798.18	Absolute	798.18	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.36	0.36	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.18	0.18	21.000	718.18	Absolute	718.18	False	

Current Time: 18.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 18.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.32	0.32	21.000	598.32	Absolute	598.32	False	
45	MH-104	525.00	48.0	525.00	518.00	0.32	0.32	21.000	518.32	Absolute	518.32	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.23	0.23	21.000	613.23	Absolute	613.23	False	
56	MH-116	515.00	48.0	515.00	508.00	0.45	0.45	21.000	508.45	Absolute	508.45	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.34	0.34	21.000	508.34	Absolute	508.34	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.42	0.42	21.000	418.42	Absolute	418.42	False	
75	MH-62	450.00	48.0	450.00	443.00	0.11	0.11	20.000	443.11	Absolute	443.11	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.54	0.54	20.000	413.54	Absolute	413.54	False	
85	MH-50	325.00	48.0	325.00	318.00	0.41	0.41	20.000	318.41	Absolute	318.41	False	
87	MH-48	240.00	48.0	240.00	233.00	0.34	0.34	20.000	233.34	Absolute	233.34	False	
89	MH-26	235.00	48.0	235.00	228.00	0.53	0.53	21.000	228.53	Absolute	228.53	False	
92	MH-2	100.00	48.0	100.00	93.00	0.13	0.13	20.000	93.13	Absolute	93.13	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.13	0.13	20.000	168.13	Absolute	168.13	False	
98	MH-84	685.00	48.0	685.00	678.00	0.21	0.21	20.000	678.21	Absolute	678.21	False	
99	MH-82	655.00	48.0	655.00	648.00	0.31	0.31	21.000	648.31	Absolute	648.31	False	
100	MH-86	670.00	48.0	670.00	663.00	0.20	0.20	20.000	663.20	Absolute	663.20	False	
101	MH-80	600.00	48.0	600.00	593.00	0.38	0.38	21.000	593.38	Absolute	593.38	False	
102	MH-78	565.00	48.0	565.00	558.00	0.35	0.35	22.000	558.35	Absolute	558.35	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.22	0.22	21.000	543.22	Absolute	543.22	False	
105	MH-40	520.00	48.0	520.00	513.00	0.25	0.25	21.000	513.25	Absolute	513.25	False	
106	MH-38	500.00	48.0	500.00	493.00	0.48	0.48	21.000	493.48	Absolute	493.48	False	
109	MH-46	625.00	48.0	625.00	618.00	0.16	0.16	20.000	618.16	Absolute	618.16	False	
117	MH-88	505.00	48.0	505.00	498.00	0.36	0.36	21.000	498.36	Absolute	498.36	False	
118	MH-90	545.00	48.0	545.00	538.00	0.29	0.29	21.000	538.29	Absolute	538.29	False	
119	MH-92	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
120	MH-96	665.00	48.0	665.00	658.00	0.15	0.15	20.000	658.15	Absolute	658.15	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.50	0.50	21.000	448.50	Absolute	448.50	False	
129	MH-34	400.00	48.0	400.00	393.00	0.50	0.50	21.000	393.50	Absolute	393.50	False	
130	MH-32	395.00	48.0	395.00	388.00	0.49	0.49	21.000	388.49	Absolute	388.49	False	
131	MH-30	375.00	48.0	375.00	368.00	0.50	0.50	21.000	368.50	Absolute	368.50	False	
132	MH-22	300.00	48.0	300.00	293.00	0.22	0.22	20.000	293.22	Absolute	293.22	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.22	0.22	21.000	168.22	Absolute	168.22	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 18.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.19	0.19	22.000	158.19	Absolute	158.19	False	
136	MH-12	130.00	48.0	130.00	123.00	0.55	0.55	21.000	123.55	Absolute	123.55	False	
137	MH-24	160.00	48.0	160.00	153.00	0.53	0.53	21.000	153.53	Absolute	153.53	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.55	0.55	21.000	108.55	Absolute	108.55	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.23	0.23	20.000	433.23	Absolute	433.23	False	
159	MH-64	420.00	48.0	420.00	413.00	0.42	0.42	21.000	413.42	Absolute	413.42	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.33	0.33	21.000	578.33	Absolute	578.33	False	
187	MH-108	640.00	48.0	640.00	633.00	0.21	0.21	21.000	633.21	Absolute	633.21	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.52	0.52	21.000	273.52	Absolute	273.52	False	
200	MH-126	805.00	48.0	805.00	798.00	0.20	0.20	21.000	798.20	Absolute	798.20	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.37	0.37	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.18	0.18	21.000	718.18	Absolute	718.18	False	

Current Time: 19.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.16	0.16	21.000	673.16	Absolute	673.16	False	
43	MH-106	605.00	48.0	605.00	598.00	0.34	0.34	21.000	598.34	Absolute	598.34	False	
45	MH-104	525.00	48.0	525.00	518.00	0.34	0.34	21.000	518.34	Absolute	518.34	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.22	0.22	21.000	773.22	Absolute	773.22	False	
54	MH-120	620.00	48.0	620.00	613.00	0.25	0.25	21.000	613.25	Absolute	613.25	False	
56	MH-116	515.00	48.0	515.00	508.00	0.49	0.49	21.000	508.49	Absolute	508.49	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.44	0.44	21.000	418.44	Absolute	418.44	False	
75	MH-62	450.00	48.0	450.00	443.00	0.11	0.11	20.000	443.11	Absolute	443.11	False	
76	MH-58	395.00	48.0	395.00	388.00	0.11	0.11	21.000	388.11	Absolute	388.11	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.64	0.64	20.000	413.64	Absolute	413.64	False	
85	MH-50	325.00	48.0	325.00	318.00	0.66	0.66	20.000	318.66	Absolute	318.66	False	
87	MH-48	240.00	48.0	240.00	233.00	0.71	0.71	20.000	233.71	Absolute	233.71	False	
89	MH-26	235.00	48.0	235.00	228.00	0.82	0.82	21.000	228.82	Absolute	228.82	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 19.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.13	0.13	20.000	168.13	Absolute	168.13	False	
98	MH-84	685.00	48.0	685.00	678.00	0.21	0.21	20.000	678.21	Absolute	678.21	False	
99	MH-82	655.00	48.0	655.00	648.00	0.34	0.34	21.000	648.34	Absolute	648.34	False	
100	MH-86	670.00	48.0	670.00	663.00	0.20	0.20	20.000	663.20	Absolute	663.20	False	
101	MH-80	600.00	48.0	600.00	593.00	0.41	0.41	21.000	593.41	Absolute	593.41	False	
102	MH-78	565.00	48.0	565.00	558.00	0.41	0.41	22.000	558.41	Absolute	558.41	False	
103	MH-44	590.00	48.0	590.00	583.00	0.16	0.16	21.000	583.16	Absolute	583.16	False	
104	MH-42	550.00	48.0	550.00	543.00	0.24	0.24	21.000	543.24	Absolute	543.24	False	
105	MH-40	520.00	48.0	520.00	513.00	0.27	0.27	21.000	513.27	Absolute	513.27	False	
106	MH-38	500.00	48.0	500.00	493.00	0.55	0.55	21.000	493.55	Absolute	493.55	False	
109	MH-46	625.00	48.0	625.00	618.00	0.16	0.16	20.000	618.16	Absolute	618.16	False	
117	MH-88	505.00	48.0	505.00	498.00	0.39	0.39	21.000	498.39	Absolute	498.39	False	
118	MH-90	545.00	48.0	545.00	538.00	0.31	0.31	21.000	538.31	Absolute	538.31	False	
119	MH-92	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
120	MH-96	665.00	48.0	665.00	658.00	0.15	0.15	20.000	658.15	Absolute	658.15	False	
121	MH-94	605.00	48.0	605.00	598.00	0.15	0.15	21.000	598.15	Absolute	598.15	False	
128	MH-36	455.00	48.0	455.00	448.00	0.57	0.57	21.000	448.57	Absolute	448.57	False	
129	MH-34	400.00	48.0	400.00	393.00	0.57	0.57	21.000	393.57	Absolute	393.57	False	
130	MH-32	395.00	48.0	395.00	388.00	0.55	0.55	21.000	388.55	Absolute	388.55	False	
131	MH-30	375.00	48.0	375.00	368.00	0.56	0.56	21.000	368.56	Absolute	368.56	False	
132	MH-22	300.00	48.0	300.00	293.00	0.22	0.22	20.000	293.22	Absolute	293.22	False	
133	MH-20	205.00	48.0	205.00	198.00	0.22	0.22	21.000	198.22	Absolute	198.22	False	
134	MH-18	175.00	48.0	175.00	168.00	0.25	0.25	21.000	168.25	Absolute	168.25	False	
135	MH-14	165.00	48.0	165.00	158.00	0.22	0.22	22.000	158.22	Absolute	158.22	False	
136	MH-12	130.00	48.0	130.00	123.00	0.85	0.85	21.000	123.85	Absolute	123.85	False	
137	MH-24	160.00	48.0	160.00	153.00	0.82	0.82	21.000	153.82	Absolute	153.82	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.85	0.85	21.000	108.85	Absolute	108.85	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.34	0.34	21.000	578.34	Absolute	578.34	False	
187	MH-108	640.00	48.0	640.00	633.00	0.22	0.22	21.000	633.22	Absolute	633.22	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.59	0.59	21.000	273.59	Absolute	273.59	False	
200	MH-126	805.00	48.0	805.00	798.00	0.20	0.20	21.000	798.20	Absolute	798.20	False	
203	MH-60	400.00	48.0	400.00	393.00	0.11	0.11	21.000	393.11	Absolute	393.11	False	
252	MH-68	473.55	48.0	473.55	466.55	0.38	0.38	21.000	466.92	Absolute	466.92	False	
260	MH-75	725.00	48.0	725.00	718.00	0.20	0.20	21.000	718.20	Absolute	718.20	False	

Current Time: 20.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.09	0.09	20.000	788.09	Absolute	788.09	False	
41	MH-110	680.00	48.0	680.00	673.00	0.18	0.18	21.000	673.18	Absolute	673.18	False	
43	MH-106	605.00	48.0	605.00	598.00	0.38	0.38	21.000	598.38	Absolute	598.38	False	
45	MH-104	525.00	48.0	525.00	518.00	0.35	0.35	21.000	518.35	Absolute	518.35	False	
47	MH-100	510.00	48.0	510.00	503.00	0.18	0.18	20.000	503.18	Absolute	503.18	False	
49	MH-128	840.00	48.0	840.00	833.00	0.07	0.07	20.000	833.07	Absolute	833.07	False	
50	MH-124	780.00	48.0	780.00	773.00	0.22	0.22	21.000	773.22	Absolute	773.22	False	
54	MH-120	620.00	48.0	620.00	613.00	0.25	0.25	21.000	613.25	Absolute	613.25	False	
56	MH-116	515.00	48.0	515.00	508.00	0.50	0.50	21.000	508.50	Absolute	508.50	False	
59	MH-74	625.00	48.0	625.00	618.00	0.32	0.32	20.000	618.32	Absolute	618.32	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.22	0.22	20.000	613.22	Absolute	613.22	False	
67	MH-66	425.00	48.0	425.00	418.00	0.44	0.44	21.000	418.44	Absolute	418.44	False	
75	MH-62	450.00	48.0	450.00	443.00	0.13	0.13	20.000	443.13	Absolute	443.13	False	
76	MH-58	395.00	48.0	395.00	388.00	0.11	0.11	21.000	388.11	Absolute	388.11	False	
80	MH-54	435.00	48.0	435.00	428.00	0.62	0.62	20.000	428.62	Absolute	428.62	False	
83	MH-52	420.00	48.0	420.00	413.00	0.65	0.65	20.000	413.65	Absolute	413.65	False	
85	MH-50	325.00	48.0	325.00	318.00	0.67	0.67	20.000	318.67	Absolute	318.67	False	
87	MH-48	240.00	48.0	240.00	233.00	0.72	0.72	20.000	233.72	Absolute	233.72	False	
89	MH-26	235.00	48.0	235.00	228.00	0.83	0.83	21.000	228.83	Absolute	228.83	False	
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.15	0.15	20.000	168.15	Absolute	168.15	False	
98	MH-84	685.00	48.0	685.00	678.00	0.25	0.25	20.000	678.25	Absolute	678.25	False	
99	MH-82	655.00	48.0	655.00	648.00	0.37	0.37	21.000	648.37	Absolute	648.37	False	
100	MH-86	670.00	48.0	670.00	663.00	0.24	0.24	20.000	663.24	Absolute	663.24	False	
101	MH-80	600.00	48.0	600.00	593.00	0.44	0.44	21.000	593.44	Absolute	593.44	False	
102	MH-78	565.00	48.0	565.00	558.00	0.41	0.41	22.000	558.41	Absolute	558.41	False	
103	MH-44	590.00	48.0	590.00	583.00	0.17	0.17	21.000	583.17	Absolute	583.17	False	
104	MH-42	550.00	48.0	550.00	543.00	0.26	0.26	21.000	543.26	Absolute	543.26	False	
105	MH-40	520.00	48.0	520.00	513.00	0.28	0.28	21.000	513.28	Absolute	513.28	False	
106	MH-38	500.00	48.0	500.00	493.00	0.55	0.55	21.000	493.55	Absolute	493.55	False	
109	MH-46	625.00	48.0	625.00	618.00	0.19	0.19	20.000	618.19	Absolute	618.19	False	
117	MH-88	505.00	48.0	505.00	498.00	0.43	0.43	21.000	498.43	Absolute	498.43	False	
118	MH-90	545.00	48.0	545.00	538.00	0.34	0.34	21.000	538.34	Absolute	538.34	False	
119	MH-92	585.00	48.0	585.00	578.00	0.27	0.27	21.000	578.27	Absolute	578.27	False	
120	MH-96	665.00	48.0	665.00	658.00	0.18	0.18	20.000	658.18	Absolute	658.18	False	
121	MH-94	605.00	48.0	605.00	598.00	0.16	0.16	21.000	598.16	Absolute	598.16	False	
128	MH-36	455.00	48.0	455.00	448.00	0.58	0.58	21.000	448.58	Absolute	448.58	False	
129	MH-34	400.00	48.0	400.00	393.00	0.57	0.57	21.000	393.57	Absolute	393.57	False	
130	MH-32	395.00	48.0	395.00	388.00	0.56	0.56	21.000	388.56	Absolute	388.56	False	
131	MH-30	375.00	48.0	375.00	368.00	0.57	0.57	21.000	368.57	Absolute	368.57	False	
132	MH-22	300.00	48.0	300.00	293.00	0.26	0.26	20.000	293.26	Absolute	293.26	False	
133	MH-20	205.00	48.0	205.00	198.00	0.23	0.23	21.000	198.23	Absolute	198.23	False	
134	MH-18	175.00	48.0	175.00	168.00	0.26	0.26	21.000	168.26	Absolute	168.26	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.22	0.22	22.000	158.22	Absolute	158.22	False	
136	MH-12	130.00	48.0	130.00	123.00	0.85	0.85	21.000	123.85	Absolute	123.85	False	
137	MH-24	160.00	48.0	160.00	153.00	0.83	0.83	21.000	153.83	Absolute	153.83	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.85	0.85	21.000	108.85	Absolute	108.85	False	
157	MH-102	500.00	48.0	500.00	493.00	0.53	0.53	20.000	493.53	Absolute	493.53	False	
158	MH-65	440.00	48.0	440.00	433.00	0.53	0.53	20.000	433.53	Absolute	433.53	False	
159	MH-64	420.00	48.0	420.00	413.00	0.65	0.65	21.000	413.65	Absolute	413.65	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.37	0.37	21.000	578.37	Absolute	578.37	False	
187	MH-108	640.00	48.0	640.00	633.00	0.24	0.24	21.000	633.24	Absolute	633.24	False	
190	MH-76	535.00	48.0	535.00	528.00	0.22	0.22	20.000	528.22	Absolute	528.22	False	
196	MH-28	280.00	48.0	280.00	273.00	0.60	0.60	21.000	273.60	Absolute	273.60	False	
200	MH-126	805.00	48.0	805.00	798.00	0.24	0.24	21.000	798.24	Absolute	798.24	False	
203	MH-60	400.00	48.0	400.00	393.00	0.11	0.11	21.000	393.11	Absolute	393.11	False	
252	MH-68	473.55	48.0	473.55	466.55	0.39	0.39	21.000	466.93	Absolute	466.93	False	
260	MH-75	725.00	48.0	725.00	718.00	0.20	0.20	21.000	718.20	Absolute	718.20	False	

Current Time: 21.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.09	0.09	20.000	788.09	Absolute	788.09	False	
41	MH-110	680.00	48.0	680.00	673.00	0.19	0.19	21.000	673.19	Absolute	673.19	False	
43	MH-106	605.00	48.0	605.00	598.00	0.40	0.40	21.000	598.40	Absolute	598.40	False	
45	MH-104	525.00	48.0	525.00	518.00	0.40	0.40	21.000	518.40	Absolute	518.40	False	
47	MH-100	510.00	48.0	510.00	503.00	0.18	0.18	20.000	503.18	Absolute	503.18	False	
49	MH-128	840.00	48.0	840.00	833.00	0.07	0.07	20.000	833.07	Absolute	833.07	False	
50	MH-124	780.00	48.0	780.00	773.00	0.26	0.26	21.000	773.26	Absolute	773.26	False	
54	MH-120	620.00	48.0	620.00	613.00	0.29	0.29	21.000	613.29	Absolute	613.29	False	
56	MH-116	515.00	48.0	515.00	508.00	0.57	0.57	21.000	508.57	Absolute	508.57	False	
59	MH-74	625.00	48.0	625.00	618.00	0.32	0.32	20.000	618.32	Absolute	618.32	False	
60	MH-72	529.00	48.0	529.00	522.00	0.37	0.37	21.000	522.37	Absolute	522.37	False	
62	MH-70	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
64	MH-75	620.00	48.0	620.00	613.00	0.22	0.22	20.000	613.22	Absolute	613.22	False	
67	MH-66	425.00	48.0	425.00	418.00	0.51	0.51	21.000	418.51	Absolute	418.51	False	
75	MH-62	450.00	48.0	450.00	443.00	0.13	0.13	20.000	443.13	Absolute	443.13	False	
76	MH-58	395.00	48.0	395.00	388.00	0.13	0.13	21.000	388.13	Absolute	388.13	False	
80	MH-54	435.00	48.0	435.00	428.00	0.09	0.09	20.000	428.09	Absolute	428.09	False	
83	MH-52	420.00	48.0	420.00	413.00	0.39	0.39	20.000	413.39	Absolute	413.39	False	
85	MH-50	325.00	48.0	325.00	318.00	0.58	0.58	20.000	318.58	Absolute	318.58	False	
87	MH-48	240.00	48.0	240.00	233.00	0.68	0.68	20.000	233.68	Absolute	233.68	False	
89	MH-26	235.00	48.0	235.00	228.00	0.92	0.92	21.000	228.92	Absolute	228.92	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 21.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.13	0.13	20.000	98.13	Absolute	98.13	False	
94	MH-6	175.00	48.0	175.00	168.00	0.15	0.15	20.000	168.15	Absolute	168.15	False	
98	MH-84	685.00	48.0	685.00	678.00	0.25	0.25	20.000	678.25	Absolute	678.25	False	
99	MH-82	655.00	48.0	655.00	648.00	0.41	0.41	21.000	648.41	Absolute	648.41	False	
100	MH-86	670.00	48.0	670.00	663.00	0.24	0.24	20.000	663.24	Absolute	663.24	False	
101	MH-80	600.00	48.0	600.00	593.00	0.49	0.49	21.000	593.49	Absolute	593.49	False	
102	MH-78	565.00	48.0	565.00	558.00	0.49	0.49	22.000	558.49	Absolute	558.49	False	
103	MH-44	590.00	48.0	590.00	583.00	0.19	0.19	21.000	583.19	Absolute	583.19	False	
104	MH-42	550.00	48.0	550.00	543.00	0.29	0.29	21.000	543.29	Absolute	543.29	False	
105	MH-40	520.00	48.0	520.00	513.00	0.32	0.32	21.000	513.32	Absolute	513.32	False	
106	MH-38	500.00	48.0	500.00	493.00	0.67	0.67	21.000	493.67	Absolute	493.67	False	
109	MH-46	625.00	48.0	625.00	618.00	0.19	0.19	20.000	618.19	Absolute	618.19	False	
117	MH-88	505.00	48.0	505.00	498.00	0.49	0.49	21.000	498.49	Absolute	498.49	False	
118	MH-90	545.00	48.0	545.00	538.00	0.37	0.37	21.000	538.37	Absolute	538.37	False	
119	MH-92	585.00	48.0	585.00	578.00	0.29	0.29	21.000	578.29	Absolute	578.29	False	
120	MH-96	665.00	48.0	665.00	658.00	0.18	0.18	20.000	658.18	Absolute	658.18	False	
121	MH-94	605.00	48.0	605.00	598.00	0.18	0.18	21.000	598.18	Absolute	598.18	False	
128	MH-36	455.00	48.0	455.00	448.00	0.69	0.69	21.000	448.69	Absolute	448.69	False	
129	MH-34	400.00	48.0	400.00	393.00	0.69	0.69	21.000	393.69	Absolute	393.69	False	
130	MH-32	395.00	48.0	395.00	388.00	0.67	0.67	21.000	388.67	Absolute	388.67	False	
131	MH-30	375.00	48.0	375.00	368.00	0.68	0.68	21.000	368.68	Absolute	368.68	False	
132	MH-22	300.00	48.0	300.00	293.00	0.26	0.26	20.000	293.26	Absolute	293.26	False	
133	MH-20	205.00	48.0	205.00	198.00	0.26	0.26	21.000	198.26	Absolute	198.26	False	
134	MH-18	175.00	48.0	175.00	168.00	0.30	0.30	21.000	168.30	Absolute	168.30	False	
135	MH-14	165.00	48.0	165.00	158.00	0.27	0.27	22.000	158.27	Absolute	158.27	False	
136	MH-12	130.00	48.0	130.00	123.00	0.95	0.95	21.000	123.95	Absolute	123.95	False	
137	MH-24	160.00	48.0	160.00	153.00	0.92	0.92	21.000	153.92	Absolute	153.92	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.95	0.95	21.000	108.95	Absolute	108.95	False	
157	MH-102	500.00	48.0	500.00	493.00	0.16	0.16	20.000	493.16	Absolute	493.16	False	
158	MH-65	440.00	48.0	440.00	433.00	0.49	0.49	20.000	433.49	Absolute	433.49	False	
159	MH-64	420.00	48.0	420.00	413.00	0.68	0.68	21.000	413.68	Absolute	413.68	False	
173	MH-98	450.00	48.0	450.00	443.00	0.18	0.18	21.000	443.18	Absolute	443.18	False	
180	MH-112	750.00	48.0	750.00	743.00	0.09	0.09	21.000	743.09	Absolute	743.09	False	
183	MH-118	585.00	48.0	585.00	578.00	0.40	0.40	21.000	578.40	Absolute	578.40	False	
187	MH-108	640.00	48.0	640.00	633.00	0.26	0.26	21.000	633.26	Absolute	633.26	False	
190	MH-76	535.00	48.0	535.00	528.00	0.22	0.22	20.000	528.22	Absolute	528.22	False	
196	MH-28	280.00	48.0	280.00	273.00	0.71	0.71	21.000	273.71	Absolute	273.71	False	
200	MH-126	805.00	48.0	805.00	798.00	0.24	0.24	21.000	798.24	Absolute	798.24	False	
203	MH-60	400.00	48.0	400.00	393.00	0.13	0.13	21.000	393.13	Absolute	393.13	False	
252	MH-68	473.55	48.0	473.55	466.55	0.44	0.44	21.000	466.98	Absolute	466.98	False	
260	MH-75	725.00	48.0	725.00	718.00	0.25	0.25	21.000	718.25	Absolute	718.25	False	

Current Time: 22.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 22.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.16	0.16	21.000	673.16	Absolute	673.16	False	
43	MH-106	605.00	48.0	605.00	598.00	0.37	0.37	21.000	598.37	Absolute	598.37	False	
45	MH-104	525.00	48.0	525.00	518.00	0.40	0.40	21.000	518.40	Absolute	518.40	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.25	0.25	21.000	773.25	Absolute	773.25	False	
54	MH-120	620.00	48.0	620.00	613.00	0.27	0.27	21.000	613.27	Absolute	613.27	False	
56	MH-116	515.00	48.0	515.00	508.00	0.56	0.56	21.000	508.56	Absolute	508.56	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.36	0.36	21.000	522.36	Absolute	522.36	False	
62	MH-70	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.51	0.51	21.000	418.51	Absolute	418.51	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.13	0.13	21.000	388.13	Absolute	388.13	False	
80	MH-54	435.00	48.0	435.00	428.00	0.07	0.07	20.000	428.07	Absolute	428.07	False	
83	MH-52	420.00	48.0	420.00	413.00	0.18	0.18	20.000	413.18	Absolute	413.18	False	
85	MH-50	325.00	48.0	325.00	318.00	0.25	0.25	20.000	318.25	Absolute	318.25	False	
87	MH-48	240.00	48.0	240.00	233.00	0.29	0.29	20.000	233.29	Absolute	233.29	False	
89	MH-26	235.00	48.0	235.00	228.00	0.70	0.70	21.000	228.70	Absolute	228.70	False	
92	MH-2	100.00	48.0	100.00	93.00	0.11	0.11	20.000	93.11	Absolute	93.11	False	
93	MH-4	105.00	48.0	105.00	98.00	0.13	0.13	20.000	98.13	Absolute	98.13	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.19	0.19	20.000	678.19	Absolute	678.19	False	
99	MH-82	655.00	48.0	655.00	648.00	0.36	0.36	21.000	648.36	Absolute	648.36	False	
100	MH-86	670.00	48.0	670.00	663.00	0.18	0.18	20.000	663.18	Absolute	663.18	False	
101	MH-80	600.00	48.0	600.00	593.00	0.45	0.45	21.000	593.45	Absolute	593.45	False	
102	MH-78	565.00	48.0	565.00	558.00	0.49	0.49	22.000	558.49	Absolute	558.49	False	
103	MH-44	590.00	48.0	590.00	583.00	0.18	0.18	21.000	583.18	Absolute	583.18	False	
104	MH-42	550.00	48.0	550.00	543.00	0.25	0.25	21.000	543.25	Absolute	543.25	False	
105	MH-40	520.00	48.0	520.00	513.00	0.31	0.31	21.000	513.31	Absolute	513.31	False	
106	MH-38	500.00	48.0	500.00	493.00	0.66	0.66	21.000	493.66	Absolute	493.66	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.44	0.44	21.000	498.44	Absolute	498.44	False	
118	MH-90	545.00	48.0	545.00	538.00	0.33	0.33	21.000	538.33	Absolute	538.33	False	
119	MH-92	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.17	0.17	21.000	598.17	Absolute	598.17	False	
128	MH-36	455.00	48.0	455.00	448.00	0.68	0.68	21.000	448.68	Absolute	448.68	False	
129	MH-34	400.00	48.0	400.00	393.00	0.69	0.69	21.000	393.69	Absolute	393.69	False	
130	MH-32	395.00	48.0	395.00	388.00	0.66	0.66	21.000	388.66	Absolute	388.66	False	
131	MH-30	375.00	48.0	375.00	368.00	0.67	0.67	21.000	368.67	Absolute	368.67	False	
132	MH-22	300.00	48.0	300.00	293.00	0.20	0.20	20.000	293.20	Absolute	293.20	False	
133	MH-20	205.00	48.0	205.00	198.00	0.25	0.25	21.000	198.25	Absolute	198.25	False	
134	MH-18	175.00	48.0	175.00	168.00	0.28	0.28	21.000	168.28	Absolute	168.28	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 22.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.27	0.27	22.000	158.27	Absolute	158.27	False	
136	MH-12	130.00	48.0	130.00	123.00	0.75	0.75	21.000	123.75	Absolute	123.75	False	
137	MH-24	160.00	48.0	160.00	153.00	0.71	0.71	21.000	153.71	Absolute	153.71	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.75	0.75	21.000	108.75	Absolute	108.75	False	
157	MH-102	500.00	48.0	500.00	493.00	0.12	0.12	20.000	493.12	Absolute	493.12	False	
158	MH-65	440.00	48.0	440.00	433.00	0.15	0.15	20.000	433.15	Absolute	433.15	False	
159	MH-64	420.00	48.0	420.00	413.00	0.47	0.47	21.000	413.47	Absolute	413.47	False	
173	MH-98	450.00	48.0	450.00	443.00	0.18	0.18	21.000	443.18	Absolute	443.18	False	
180	MH-112	750.00	48.0	750.00	743.00	0.09	0.09	21.000	743.09	Absolute	743.09	False	
183	MH-118	585.00	48.0	585.00	578.00	0.35	0.35	21.000	578.35	Absolute	578.35	False	
187	MH-108	640.00	48.0	640.00	633.00	0.23	0.23	21.000	633.23	Absolute	633.23	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.69	0.69	21.000	273.69	Absolute	273.69	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.12	0.12	21.000	393.12	Absolute	393.12	False	
252	MH-68	473.55	48.0	473.55	466.55	0.43	0.43	21.000	466.97	Absolute	466.97	False	
260	MH-75	725.00	48.0	725.00	718.00	0.25	0.25	21.000	718.25	Absolute	718.25	False	

Current Time: 23.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.33	0.33	21.000	598.33	Absolute	598.33	False	
45	MH-104	525.00	48.0	525.00	518.00	0.33	0.33	21.000	518.33	Absolute	518.33	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.20	0.20	21.000	773.20	Absolute	773.20	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.46	0.46	21.000	508.46	Absolute	508.46	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.43	0.43	21.000	418.43	Absolute	418.43	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.07	0.07	20.000	428.07	Absolute	428.07	False	
83	MH-52	420.00	48.0	420.00	413.00	0.17	0.17	20.000	413.17	Absolute	413.17	False	
85	MH-50	325.00	48.0	325.00	318.00	0.23	0.23	20.000	318.23	Absolute	318.23	False	
87	MH-48	240.00	48.0	240.00	233.00	0.25	0.25	20.000	233.25	Absolute	233.25	False	
89	MH-26	235.00	48.0	235.00	228.00	0.55	0.55	21.000	228.55	Absolute	228.55	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 23.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.09	0.09	20.000	93.09	Absolute	93.09	False	
93	MH-4	105.00	48.0	105.00	98.00	0.10	0.10	20.000	98.10	Absolute	98.10	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.19	0.19	20.000	678.19	Absolute	678.19	False	
99	MH-82	655.00	48.0	655.00	648.00	0.31	0.31	21.000	648.31	Absolute	648.31	False	
100	MH-86	670.00	48.0	670.00	663.00	0.18	0.18	20.000	663.18	Absolute	663.18	False	
101	MH-80	600.00	48.0	600.00	593.00	0.38	0.38	21.000	593.38	Absolute	593.38	False	
102	MH-78	565.00	48.0	565.00	558.00	0.38	0.38	22.000	558.38	Absolute	558.38	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.22	0.22	21.000	543.22	Absolute	543.22	False	
105	MH-40	520.00	48.0	520.00	513.00	0.26	0.26	21.000	513.26	Absolute	513.26	False	
106	MH-38	500.00	48.0	500.00	493.00	0.51	0.51	21.000	493.51	Absolute	493.51	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.36	0.36	21.000	498.36	Absolute	498.36	False	
118	MH-90	545.00	48.0	545.00	538.00	0.28	0.28	21.000	538.28	Absolute	538.28	False	
119	MH-92	585.00	48.0	585.00	578.00	0.22	0.22	21.000	578.22	Absolute	578.22	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.53	0.53	21.000	448.53	Absolute	448.53	False	
129	MH-34	400.00	48.0	400.00	393.00	0.53	0.53	21.000	393.53	Absolute	393.53	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.20	0.20	20.000	293.20	Absolute	293.20	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.23	0.23	21.000	168.23	Absolute	168.23	False	
135	MH-14	165.00	48.0	165.00	158.00	0.20	0.20	22.000	158.20	Absolute	158.20	False	
136	MH-12	130.00	48.0	130.00	123.00	0.59	0.59	21.000	123.59	Absolute	123.59	False	
137	MH-24	160.00	48.0	160.00	153.00	0.56	0.56	21.000	153.56	Absolute	153.56	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.59	0.59	21.000	108.59	Absolute	108.59	False	
157	MH-102	500.00	48.0	500.00	493.00	0.12	0.12	20.000	493.12	Absolute	493.12	False	
158	MH-65	440.00	48.0	440.00	433.00	0.12	0.12	20.000	433.12	Absolute	433.12	False	
159	MH-64	420.00	48.0	420.00	413.00	0.41	0.41	21.000	413.41	Absolute	413.41	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.20	0.20	21.000	633.20	Absolute	633.20	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.55	0.55	21.000	273.55	Absolute	273.55	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.38	0.38	21.000	466.93	Absolute	466.93	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 24.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 24.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.10	0.10	21.000	673.10	Absolute	673.10	False	
43	MH-106	605.00	48.0	605.00	598.00	0.28	0.28	21.000	598.28	Absolute	598.28	False	
45	MH-104	525.00	48.0	525.00	518.00	0.32	0.32	21.000	518.32	Absolute	518.32	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.20	0.20	21.000	613.20	Absolute	613.20	False	
56	MH-116	515.00	48.0	515.00	508.00	0.44	0.44	21.000	508.44	Absolute	508.44	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.34	0.34	21.000	508.34	Absolute	508.34	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.43	0.43	21.000	418.43	Absolute	418.43	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.53	0.53	20.000	413.53	Absolute	413.53	False	
85	MH-50	325.00	48.0	325.00	318.00	0.38	0.38	20.000	318.38	Absolute	318.38	False	
87	MH-48	240.00	48.0	240.00	233.00	0.32	0.32	20.000	233.32	Absolute	233.32	False	
89	MH-26	235.00	48.0	235.00	228.00	0.54	0.54	21.000	228.54	Absolute	228.54	False	
92	MH-2	100.00	48.0	100.00	93.00	0.13	0.13	20.000	93.13	Absolute	93.13	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.25	0.25	21.000	648.25	Absolute	648.25	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.32	0.32	21.000	593.32	Absolute	593.32	False	
102	MH-78	565.00	48.0	565.00	558.00	0.38	0.38	22.000	558.38	Absolute	558.38	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.51	0.51	21.000	493.51	Absolute	493.51	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.30	0.30	21.000	498.30	Absolute	498.30	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.13	0.13	21.000	598.13	Absolute	598.13	False	
128	MH-36	455.00	48.0	455.00	448.00	0.51	0.51	21.000	448.51	Absolute	448.51	False	
129	MH-34	400.00	48.0	400.00	393.00	0.52	0.52	21.000	393.52	Absolute	393.52	False	
130	MH-32	395.00	48.0	395.00	388.00	0.50	0.50	21.000	388.50	Absolute	388.50	False	
131	MH-30	375.00	48.0	375.00	368.00	0.52	0.52	21.000	368.52	Absolute	368.52	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.18	0.18	21.000	198.18	Absolute	198.18	False	
134	MH-18	175.00	48.0	175.00	168.00	0.21	0.21	21.000	168.21	Absolute	168.21	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 24.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.20	0.20	22.000	158.20	Absolute	158.20	False	
136	MH-12	130.00	48.0	130.00	123.00	0.58	0.58	21.000	123.58	Absolute	123.58	False	
137	MH-24	160.00	48.0	160.00	153.00	0.54	0.54	21.000	153.54	Absolute	153.54	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.58	0.58	21.000	108.58	Absolute	108.58	False	
157	MH-102	500.00	48.0	500.00	493.00	0.51	0.51	20.000	493.51	Absolute	493.51	False	
158	MH-65	440.00	48.0	440.00	433.00	0.23	0.23	20.000	433.23	Absolute	433.23	False	
159	MH-64	420.00	48.0	420.00	413.00	0.41	0.41	21.000	413.41	Absolute	413.41	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.53	0.53	21.000	273.53	Absolute	273.53	False	
200	MH-126	805.00	48.0	805.00	798.00	0.11	0.11	21.000	798.11	Absolute	798.11	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.37	0.37	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 25.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.08	0.08	21.000	673.08	Absolute	673.08	False	
43	MH-106	605.00	48.0	605.00	598.00	0.23	0.23	21.000	598.23	Absolute	598.23	False	
45	MH-104	525.00	48.0	525.00	518.00	0.23	0.23	21.000	518.23	Absolute	518.23	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.11	0.11	21.000	773.11	Absolute	773.11	False	
54	MH-120	620.00	48.0	620.00	613.00	0.13	0.13	21.000	613.13	Absolute	613.13	False	
56	MH-116	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.28	0.28	21.000	508.28	Absolute	508.28	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.62	0.62	20.000	413.62	Absolute	413.62	False	
85	MH-50	325.00	48.0	325.00	318.00	0.63	0.63	20.000	318.63	Absolute	318.63	False	
87	MH-48	240.00	48.0	240.00	233.00	0.67	0.67	20.000	233.67	Absolute	233.67	False	
89	MH-26	235.00	48.0	235.00	228.00	0.65	0.65	21.000	228.65	Absolute	228.65	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 25.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.17	0.17	21.000	648.17	Absolute	648.17	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.20	0.20	21.000	593.20	Absolute	593.20	False	
102	MH-78	565.00	48.0	565.00	558.00	0.20	0.20	22.000	558.20	Absolute	558.20	False	
103	MH-44	590.00	48.0	590.00	583.00	0.08	0.08	21.000	583.08	Absolute	583.08	False	
104	MH-42	550.00	48.0	550.00	543.00	0.12	0.12	21.000	543.12	Absolute	543.12	False	
105	MH-40	520.00	48.0	520.00	513.00	0.16	0.16	21.000	513.16	Absolute	513.16	False	
106	MH-38	500.00	48.0	500.00	493.00	0.29	0.29	21.000	493.29	Absolute	493.29	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.19	0.19	21.000	498.19	Absolute	498.19	False	
118	MH-90	545.00	48.0	545.00	538.00	0.15	0.15	21.000	538.15	Absolute	538.15	False	
119	MH-92	585.00	48.0	585.00	578.00	0.12	0.12	21.000	578.12	Absolute	578.12	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.07	0.07	21.000	598.07	Absolute	598.07	False	
128	MH-36	455.00	48.0	455.00	448.00	0.29	0.29	21.000	448.29	Absolute	448.29	False	
129	MH-34	400.00	48.0	400.00	393.00	0.29	0.29	21.000	393.29	Absolute	393.29	False	
130	MH-32	395.00	48.0	395.00	388.00	0.29	0.29	21.000	388.29	Absolute	388.29	False	
131	MH-30	375.00	48.0	375.00	368.00	0.30	0.30	21.000	368.30	Absolute	368.30	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.11	0.11	21.000	198.11	Absolute	198.11	False	
134	MH-18	175.00	48.0	175.00	168.00	0.12	0.12	21.000	168.12	Absolute	168.12	False	
135	MH-14	165.00	48.0	165.00	158.00	0.11	0.11	22.000	158.11	Absolute	158.11	False	
136	MH-12	130.00	48.0	130.00	123.00	0.66	0.66	21.000	123.66	Absolute	123.66	False	
137	MH-24	160.00	48.0	160.00	153.00	0.65	0.65	21.000	153.65	Absolute	153.65	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.67	0.67	21.000	108.67	Absolute	108.67	False	
157	MH-102	500.00	48.0	500.00	493.00	0.51	0.51	20.000	493.51	Absolute	493.51	False	
158	MH-65	440.00	48.0	440.00	433.00	0.51	0.51	20.000	433.51	Absolute	433.51	False	
159	MH-64	420.00	48.0	420.00	413.00	0.58	0.58	21.000	413.58	Absolute	413.58	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.04	0.04	21.000	743.04	Absolute	743.04	False	
183	MH-118	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
187	MH-108	640.00	48.0	640.00	633.00	0.11	0.11	21.000	633.11	Absolute	633.11	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.31	0.31	21.000	273.31	Absolute	273.31	False	
200	MH-126	805.00	48.0	805.00	798.00	0.10	0.10	21.000	798.10	Absolute	798.10	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.85	Absolute	466.85	False	
260	MH-75	725.00	48.0	725.00	718.00	0.10	0.10	21.000	718.10	Absolute	718.10	False	

Current Time: 26.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 26.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.02	0.02	20.000	788.02	Absolute	788.02	False	
41	MH-110	680.00	48.0	680.00	673.00	0.06	0.06	21.000	673.06	Absolute	673.06	False	
43	MH-106	605.00	48.0	605.00	598.00	0.16	0.16	21.000	598.16	Absolute	598.16	False	
45	MH-104	525.00	48.0	525.00	518.00	0.22	0.22	21.000	518.22	Absolute	518.22	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.02	0.02	20.000	833.02	Absolute	833.02	False	
50	MH-124	780.00	48.0	780.00	773.00	0.10	0.10	21.000	773.10	Absolute	773.10	False	
54	MH-120	620.00	48.0	620.00	613.00	0.11	0.11	21.000	613.11	Absolute	613.11	False	
56	MH-116	515.00	48.0	515.00	508.00	0.28	0.28	21.000	508.28	Absolute	508.28	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.24	0.24	21.000	522.24	Absolute	522.24	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.03	0.03	20.000	443.03	Absolute	443.03	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.61	0.61	20.000	413.61	Absolute	413.61	False	
85	MH-50	325.00	48.0	325.00	318.00	0.62	0.62	20.000	318.62	Absolute	318.62	False	
87	MH-48	240.00	48.0	240.00	233.00	0.67	0.67	20.000	233.67	Absolute	233.67	False	
89	MH-26	235.00	48.0	235.00	228.00	0.64	0.64	21.000	228.64	Absolute	228.64	False	
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.04	0.04	20.000	168.04	Absolute	168.04	False	
98	MH-84	685.00	48.0	685.00	678.00	0.06	0.06	20.000	678.06	Absolute	678.06	False	
99	MH-82	655.00	48.0	655.00	648.00	0.14	0.14	21.000	648.14	Absolute	648.14	False	
100	MH-86	670.00	48.0	670.00	663.00	0.06	0.06	20.000	663.06	Absolute	663.06	False	
101	MH-80	600.00	48.0	600.00	593.00	0.17	0.17	21.000	593.17	Absolute	593.17	False	
102	MH-78	565.00	48.0	565.00	558.00	0.20	0.20	22.000	558.20	Absolute	558.20	False	
103	MH-44	590.00	48.0	590.00	583.00	0.07	0.07	21.000	583.07	Absolute	583.07	False	
104	MH-42	550.00	48.0	550.00	543.00	0.10	0.10	21.000	543.10	Absolute	543.10	False	
105	MH-40	520.00	48.0	520.00	513.00	0.13	0.13	21.000	513.13	Absolute	513.13	False	
106	MH-38	500.00	48.0	500.00	493.00	0.28	0.28	21.000	493.28	Absolute	493.28	False	
109	MH-46	625.00	48.0	625.00	618.00	0.05	0.05	20.000	618.05	Absolute	618.05	False	
117	MH-88	505.00	48.0	505.00	498.00	0.16	0.16	21.000	498.16	Absolute	498.16	False	
118	MH-90	545.00	48.0	545.00	538.00	0.13	0.13	21.000	538.13	Absolute	538.13	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.05	0.05	20.000	658.05	Absolute	658.05	False	
121	MH-94	605.00	48.0	605.00	598.00	0.07	0.07	21.000	598.07	Absolute	598.07	False	
128	MH-36	455.00	48.0	455.00	448.00	0.29	0.29	21.000	448.29	Absolute	448.29	False	
129	MH-34	400.00	48.0	400.00	393.00	0.29	0.29	21.000	393.29	Absolute	393.29	False	
130	MH-32	395.00	48.0	395.00	388.00	0.28	0.28	21.000	388.28	Absolute	388.28	False	
131	MH-30	375.00	48.0	375.00	368.00	0.29	0.29	21.000	368.29	Absolute	368.29	False	
132	MH-22	300.00	48.0	300.00	293.00	0.07	0.07	20.000	293.07	Absolute	293.07	False	
133	MH-20	205.00	48.0	205.00	198.00	0.10	0.10	21.000	198.10	Absolute	198.10	False	
134	MH-18	175.00	48.0	175.00	168.00	0.11	0.11	21.000	168.11	Absolute	168.11	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 26.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.11	0.11	22.000	158.11	Absolute	158.11	False	
136	MH-12	130.00	48.0	130.00	123.00	0.66	0.66	21.000	123.66	Absolute	123.66	False	
137	MH-24	160.00	48.0	160.00	153.00	0.65	0.65	21.000	153.65	Absolute	153.65	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.66	0.66	21.000	108.66	Absolute	108.66	False	
157	MH-102	500.00	48.0	500.00	493.00	0.51	0.51	20.000	493.51	Absolute	493.51	False	
158	MH-65	440.00	48.0	440.00	433.00	0.51	0.51	20.000	433.51	Absolute	433.51	False	
159	MH-64	420.00	48.0	420.00	413.00	0.57	0.57	21.000	413.57	Absolute	413.57	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.04	0.04	21.000	743.04	Absolute	743.04	False	
183	MH-118	585.00	48.0	585.00	578.00	0.14	0.14	21.000	578.14	Absolute	578.14	False	
187	MH-108	640.00	48.0	640.00	633.00	0.09	0.09	21.000	633.09	Absolute	633.09	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.30	0.30	21.000	273.30	Absolute	273.30	False	
200	MH-126	805.00	48.0	805.00	798.00	0.07	0.07	21.000	798.07	Absolute	798.07	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.29	0.29	21.000	466.83	Absolute	466.83	False	
260	MH-75	725.00	48.0	725.00	718.00	0.10	0.10	21.000	718.10	Absolute	718.10	False	

Current Time: 27.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.02	0.02	20.000	788.02	Absolute	788.02	False	
41	MH-110	680.00	48.0	680.00	673.00	0.05	0.05	21.000	673.05	Absolute	673.05	False	
43	MH-106	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
45	MH-104	525.00	48.0	525.00	518.00	0.14	0.14	21.000	518.14	Absolute	518.14	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.02	0.02	20.000	833.02	Absolute	833.02	False	
50	MH-124	780.00	48.0	780.00	773.00	0.07	0.07	21.000	773.07	Absolute	773.07	False	
54	MH-120	620.00	48.0	620.00	613.00	0.08	0.08	21.000	613.08	Absolute	613.08	False	
56	MH-116	515.00	48.0	515.00	508.00	0.18	0.18	21.000	508.18	Absolute	508.18	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.03	0.03	20.000	443.03	Absolute	443.03	False	
76	MH-58	395.00	48.0	395.00	388.00	0.03	0.03	21.000	388.03	Absolute	388.03	False	
80	MH-54	435.00	48.0	435.00	428.00	0.02	0.02	20.000	428.02	Absolute	428.02	False	
83	MH-52	420.00	48.0	420.00	413.00	0.33	0.33	20.000	413.33	Absolute	413.33	False	
85	MH-50	325.00	48.0	325.00	318.00	0.51	0.51	20.000	318.51	Absolute	318.51	False	
87	MH-48	240.00	48.0	240.00	233.00	0.60	0.60	20.000	233.60	Absolute	233.60	False	
89	MH-26	235.00	48.0	235.00	228.00	0.59	0.59	21.000	228.59	Absolute	228.59	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 27.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.76	0.76	20.000	93.76	Absolute	93.76	False	
93	MH-4	105.00	48.0	105.00	98.00	0.04	0.04	20.000	98.04	Absolute	98.04	False	
94	MH-6	175.00	48.0	175.00	168.00	0.04	0.04	20.000	168.04	Absolute	168.04	False	
98	MH-84	685.00	48.0	685.00	678.00	0.06	0.06	20.000	678.06	Absolute	678.06	False	
99	MH-82	655.00	48.0	655.00	648.00	0.10	0.10	21.000	648.10	Absolute	648.10	False	
100	MH-86	670.00	48.0	670.00	663.00	0.06	0.06	20.000	663.06	Absolute	663.06	False	
101	MH-80	600.00	48.0	600.00	593.00	0.12	0.12	21.000	593.12	Absolute	593.12	False	
102	MH-78	565.00	48.0	565.00	558.00	0.12	0.12	22.000	558.12	Absolute	558.12	False	
103	MH-44	590.00	48.0	590.00	583.00	0.05	0.05	21.000	583.05	Absolute	583.05	False	
104	MH-42	550.00	48.0	550.00	543.00	0.07	0.07	21.000	543.07	Absolute	543.07	False	
105	MH-40	520.00	48.0	520.00	513.00	0.10	0.10	21.000	513.10	Absolute	513.10	False	
106	MH-38	500.00	48.0	500.00	493.00	0.17	0.17	21.000	493.17	Absolute	493.17	False	
109	MH-46	625.00	48.0	625.00	618.00	0.05	0.05	20.000	618.05	Absolute	618.05	False	
117	MH-88	505.00	48.0	505.00	498.00	0.12	0.12	21.000	498.12	Absolute	498.12	False	
118	MH-90	545.00	48.0	545.00	538.00	0.09	0.09	21.000	538.09	Absolute	538.09	False	
119	MH-92	585.00	48.0	585.00	578.00	0.07	0.07	21.000	578.07	Absolute	578.07	False	
120	MH-96	665.00	48.0	665.00	658.00	0.05	0.05	20.000	658.05	Absolute	658.05	False	
121	MH-94	605.00	48.0	605.00	598.00	0.05	0.05	21.000	598.05	Absolute	598.05	False	
128	MH-36	455.00	48.0	455.00	448.00	0.18	0.18	21.000	448.18	Absolute	448.18	False	
129	MH-34	400.00	48.0	400.00	393.00	0.18	0.18	21.000	393.18	Absolute	393.18	False	
130	MH-32	395.00	48.0	395.00	388.00	0.17	0.17	21.000	388.17	Absolute	388.17	False	
131	MH-30	375.00	48.0	375.00	368.00	0.18	0.18	21.000	368.18	Absolute	368.18	False	
132	MH-22	300.00	48.0	300.00	293.00	0.07	0.07	20.000	293.07	Absolute	293.07	False	
133	MH-20	205.00	48.0	205.00	198.00	0.07	0.07	21.000	198.07	Absolute	198.07	False	
134	MH-18	175.00	48.0	175.00	168.00	0.07	0.07	21.000	168.07	Absolute	168.07	False	
135	MH-14	165.00	48.0	165.00	158.00	0.07	0.07	22.000	158.07	Absolute	158.07	False	
136	MH-12	130.00	48.0	130.00	123.00	0.60	0.60	21.000	123.60	Absolute	123.60	False	
137	MH-24	160.00	48.0	160.00	153.00	0.59	0.59	21.000	153.59	Absolute	153.59	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.60	0.60	21.000	108.60	Absolute	108.60	False	
157	MH-102	500.00	48.0	500.00	493.00	0.04	0.04	20.000	493.04	Absolute	493.04	False	
158	MH-65	440.00	48.0	440.00	433.00	0.46	0.46	20.000	433.46	Absolute	433.46	False	
159	MH-64	420.00	48.0	420.00	413.00	0.50	0.50	21.000	413.50	Absolute	413.50	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.02	0.02	21.000	743.02	Absolute	743.02	False	
183	MH-118	585.00	48.0	585.00	578.00	0.11	0.11	21.000	578.11	Absolute	578.11	False	
187	MH-108	640.00	48.0	640.00	633.00	0.07	0.07	21.000	633.07	Absolute	633.07	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.19	0.19	21.000	273.19	Absolute	273.19	False	
200	MH-126	805.00	48.0	805.00	798.00	0.06	0.06	21.000	798.06	Absolute	798.06	False	
203	MH-60	400.00	48.0	400.00	393.00	0.03	0.03	21.000	393.03	Absolute	393.03	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.06	0.06	21.000	718.06	Absolute	718.06	False	

Current Time: 28.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 28.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.03	0.03	20.000	788.03	Absolute	788.03	False	
41	MH-110	680.00	48.0	680.00	673.00	0.06	0.06	21.000	673.06	Absolute	673.06	False	
43	MH-106	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
45	MH-104	525.00	48.0	525.00	518.00	0.14	0.14	21.000	518.14	Absolute	518.14	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.07	0.07	21.000	773.07	Absolute	773.07	False	
54	MH-120	620.00	48.0	620.00	613.00	0.09	0.09	21.000	613.09	Absolute	613.09	False	
56	MH-116	515.00	48.0	515.00	508.00	0.18	0.18	21.000	508.18	Absolute	508.18	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.03	0.03	21.000	388.03	Absolute	388.03	False	
80	MH-54	435.00	48.0	435.00	428.00	0.03	0.03	20.000	428.03	Absolute	428.03	False	
83	MH-52	420.00	48.0	420.00	413.00	0.08	0.08	20.000	413.08	Absolute	413.08	False	
85	MH-50	325.00	48.0	325.00	318.00	0.10	0.10	20.000	318.10	Absolute	318.10	False	
87	MH-48	240.00	48.0	240.00	233.00	0.11	0.11	20.000	233.11	Absolute	233.11	False	
89	MH-26	235.00	48.0	235.00	228.00	0.20	0.20	21.000	228.20	Absolute	228.20	False	
92	MH-2	100.00	48.0	100.00	93.00	0.03	0.03	20.000	93.03	Absolute	93.03	False	
93	MH-4	105.00	48.0	105.00	98.00	0.04	0.04	20.000	98.04	Absolute	98.04	False	
94	MH-6	175.00	48.0	175.00	168.00	0.05	0.05	20.000	168.05	Absolute	168.05	False	
98	MH-84	685.00	48.0	685.00	678.00	0.09	0.09	20.000	678.09	Absolute	678.09	False	
99	MH-82	655.00	48.0	655.00	648.00	0.12	0.12	21.000	648.12	Absolute	648.12	False	
100	MH-86	670.00	48.0	670.00	663.00	0.08	0.08	20.000	663.08	Absolute	663.08	False	
101	MH-80	600.00	48.0	600.00	593.00	0.14	0.14	21.000	593.14	Absolute	593.14	False	
102	MH-78	565.00	48.0	565.00	558.00	0.12	0.12	22.000	558.12	Absolute	558.12	False	
103	MH-44	590.00	48.0	590.00	583.00	0.06	0.06	21.000	583.06	Absolute	583.06	False	
104	MH-42	550.00	48.0	550.00	543.00	0.09	0.09	21.000	543.09	Absolute	543.09	False	
105	MH-40	520.00	48.0	520.00	513.00	0.10	0.10	21.000	513.10	Absolute	513.10	False	
106	MH-38	500.00	48.0	500.00	493.00	0.17	0.17	21.000	493.17	Absolute	493.17	False	
109	MH-46	625.00	48.0	625.00	618.00	0.07	0.07	20.000	618.07	Absolute	618.07	False	
117	MH-88	505.00	48.0	505.00	498.00	0.14	0.14	21.000	498.14	Absolute	498.14	False	
118	MH-90	545.00	48.0	545.00	538.00	0.11	0.11	21.000	538.11	Absolute	538.11	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.06	0.06	20.000	658.06	Absolute	658.06	False	
121	MH-94	605.00	48.0	605.00	598.00	0.05	0.05	21.000	598.05	Absolute	598.05	False	
128	MH-36	455.00	48.0	455.00	448.00	0.18	0.18	21.000	448.18	Absolute	448.18	False	
129	MH-34	400.00	48.0	400.00	393.00	0.18	0.18	21.000	393.18	Absolute	393.18	False	
130	MH-32	395.00	48.0	395.00	388.00	0.18	0.18	21.000	388.18	Absolute	388.18	False	
131	MH-30	375.00	48.0	375.00	368.00	0.18	0.18	21.000	368.18	Absolute	368.18	False	
132	MH-22	300.00	48.0	300.00	293.00	0.09	0.09	20.000	293.09	Absolute	293.09	False	
133	MH-20	205.00	48.0	205.00	198.00	0.07	0.07	21.000	198.07	Absolute	198.07	False	
134	MH-18	175.00	48.0	175.00	168.00	0.08	0.08	21.000	168.08	Absolute	168.08	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 28.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.07	0.07	22.000	158.07	Absolute	158.07	False	
136	MH-12	130.00	48.0	130.00	123.00	0.20	0.20	21.000	123.20	Absolute	123.20	False	
137	MH-24	160.00	48.0	160.00	153.00	0.20	0.20	21.000	153.20	Absolute	153.20	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.20	0.20	21.000	108.20	Absolute	108.20	False	
157	MH-102	500.00	48.0	500.00	493.00	0.06	0.06	20.000	493.06	Absolute	493.06	False	
158	MH-65	440.00	48.0	440.00	433.00	0.04	0.04	20.000	433.04	Absolute	433.04	False	
159	MH-64	420.00	48.0	420.00	413.00	0.19	0.19	21.000	413.19	Absolute	413.19	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.02	0.02	21.000	743.02	Absolute	743.02	False	
183	MH-118	585.00	48.0	585.00	578.00	0.13	0.13	21.000	578.13	Absolute	578.13	False	
187	MH-108	640.00	48.0	640.00	633.00	0.08	0.08	21.000	633.08	Absolute	633.08	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.19	0.19	21.000	273.19	Absolute	273.19	False	
200	MH-126	805.00	48.0	805.00	798.00	0.08	0.08	21.000	798.08	Absolute	798.08	False	
203	MH-60	400.00	48.0	400.00	393.00	0.04	0.04	21.000	393.04	Absolute	393.04	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.06	0.06	21.000	718.06	Absolute	718.06	False	

Current Time: 29.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.03	0.03	20.000	788.03	Absolute	788.03	False	
41	MH-110	680.00	48.0	680.00	673.00	0.07	0.07	21.000	673.07	Absolute	673.07	False	
43	MH-106	605.00	48.0	605.00	598.00	0.15	0.15	21.000	598.15	Absolute	598.15	False	
45	MH-104	525.00	48.0	525.00	518.00	0.15	0.15	21.000	518.15	Absolute	518.15	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.09	0.09	21.000	773.09	Absolute	773.09	False	
54	MH-120	620.00	48.0	620.00	613.00	0.11	0.11	21.000	613.11	Absolute	613.11	False	
56	MH-116	515.00	48.0	515.00	508.00	0.21	0.21	21.000	508.21	Absolute	508.21	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.03	0.03	20.000	428.03	Absolute	428.03	False	
83	MH-52	420.00	48.0	420.00	413.00	0.08	0.08	20.000	413.08	Absolute	413.08	False	
85	MH-50	325.00	48.0	325.00	318.00	0.11	0.11	20.000	318.11	Absolute	318.11	False	
87	MH-48	240.00	48.0	240.00	233.00	0.12	0.12	20.000	233.12	Absolute	233.12	False	
89	MH-26	235.00	48.0	235.00	228.00	0.25	0.25	21.000	228.25	Absolute	228.25	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 29.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.04	0.04	20.000	93.04	Absolute	93.04	False	
93	MH-4	105.00	48.0	105.00	98.00	0.05	0.05	20.000	98.05	Absolute	98.05	False	
94	MH-6	175.00	48.0	175.00	168.00	0.05	0.05	20.000	168.05	Absolute	168.05	False	
98	MH-84	685.00	48.0	685.00	678.00	0.09	0.09	20.000	678.09	Absolute	678.09	False	
99	MH-82	655.00	48.0	655.00	648.00	0.14	0.14	21.000	648.14	Absolute	648.14	False	
100	MH-86	670.00	48.0	670.00	663.00	0.08	0.08	20.000	663.08	Absolute	663.08	False	
101	MH-80	600.00	48.0	600.00	593.00	0.17	0.17	21.000	593.17	Absolute	593.17	False	
102	MH-78	565.00	48.0	565.00	558.00	0.17	0.17	22.000	558.17	Absolute	558.17	False	
103	MH-44	590.00	48.0	590.00	583.00	0.07	0.07	21.000	583.07	Absolute	583.07	False	
104	MH-42	550.00	48.0	550.00	543.00	0.10	0.10	21.000	543.10	Absolute	543.10	False	
105	MH-40	520.00	48.0	520.00	513.00	0.12	0.12	21.000	513.12	Absolute	513.12	False	
106	MH-38	500.00	48.0	500.00	493.00	0.23	0.23	21.000	493.23	Absolute	493.23	False	
109	MH-46	625.00	48.0	625.00	618.00	0.07	0.07	20.000	618.07	Absolute	618.07	False	
117	MH-88	505.00	48.0	505.00	498.00	0.16	0.16	21.000	498.16	Absolute	498.16	False	
118	MH-90	545.00	48.0	545.00	538.00	0.13	0.13	21.000	538.13	Absolute	538.13	False	
119	MH-92	585.00	48.0	585.00	578.00	0.10	0.10	21.000	578.10	Absolute	578.10	False	
120	MH-96	665.00	48.0	665.00	658.00	0.06	0.06	20.000	658.06	Absolute	658.06	False	
121	MH-94	605.00	48.0	605.00	598.00	0.06	0.06	21.000	598.06	Absolute	598.06	False	
128	MH-36	455.00	48.0	455.00	448.00	0.24	0.24	21.000	448.24	Absolute	448.24	False	
129	MH-34	400.00	48.0	400.00	393.00	0.24	0.24	21.000	393.24	Absolute	393.24	False	
130	MH-32	395.00	48.0	395.00	388.00	0.24	0.24	21.000	388.24	Absolute	388.24	False	
131	MH-30	375.00	48.0	375.00	368.00	0.24	0.24	21.000	368.24	Absolute	368.24	False	
132	MH-22	300.00	48.0	300.00	293.00	0.09	0.09	20.000	293.09	Absolute	293.09	False	
133	MH-20	205.00	48.0	205.00	198.00	0.09	0.09	21.000	198.09	Absolute	198.09	False	
134	MH-18	175.00	48.0	175.00	168.00	0.11	0.11	21.000	168.11	Absolute	168.11	False	
135	MH-14	165.00	48.0	165.00	158.00	0.09	0.09	22.000	158.09	Absolute	158.09	False	
136	MH-12	130.00	48.0	130.00	123.00	0.27	0.27	21.000	123.27	Absolute	123.27	False	
137	MH-24	160.00	48.0	160.00	153.00	0.26	0.26	21.000	153.26	Absolute	153.26	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.27	0.27	21.000	108.27	Absolute	108.27	False	
157	MH-102	500.00	48.0	500.00	493.00	0.06	0.06	20.000	493.06	Absolute	493.06	False	
158	MH-65	440.00	48.0	440.00	433.00	0.06	0.06	20.000	433.06	Absolute	433.06	False	
159	MH-64	420.00	48.0	420.00	413.00	0.19	0.19	21.000	413.19	Absolute	413.19	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.03	0.03	21.000	743.03	Absolute	743.03	False	
183	MH-118	585.00	48.0	585.00	578.00	0.14	0.14	21.000	578.14	Absolute	578.14	False	
187	MH-108	640.00	48.0	640.00	633.00	0.09	0.09	21.000	633.09	Absolute	633.09	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.25	0.25	21.000	273.25	Absolute	273.25	False	
200	MH-126	805.00	48.0	805.00	798.00	0.09	0.09	21.000	798.09	Absolute	798.09	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.09	0.09	21.000	718.09	Absolute	718.09	False	

Current Time: 30.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.14	0.14	21.000	673.14	Absolute	673.14	False	
43	MH-106	605.00	48.0	605.00	598.00	0.21	0.21	21.000	598.21	Absolute	598.21	False	
45	MH-104	525.00	48.0	525.00	518.00	0.16	0.16	21.000	518.16	Absolute	518.16	False	
47	MH-100	510.00	48.0	510.00	503.00	0.10	0.10	20.000	503.10	Absolute	503.10	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.11	0.11	21.000	773.11	Absolute	773.11	False	
54	MH-120	620.00	48.0	620.00	613.00	0.15	0.15	21.000	613.15	Absolute	613.15	False	
56	MH-116	515.00	48.0	515.00	508.00	0.24	0.24	21.000	508.24	Absolute	508.24	False	
59	MH-74	625.00	48.0	625.00	618.00	0.18	0.18	20.000	618.18	Absolute	618.18	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.17	0.17	21.000	508.17	Absolute	508.17	False	
64	MH-75	620.00	48.0	620.00	613.00	0.12	0.12	20.000	613.12	Absolute	613.12	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.53	0.53	20.000	413.53	Absolute	413.53	False	
85	MH-50	325.00	48.0	325.00	318.00	0.38	0.38	20.000	318.38	Absolute	318.38	False	
87	MH-48	240.00	48.0	240.00	233.00	0.29	0.29	20.000	233.29	Absolute	233.29	False	
89	MH-26	235.00	48.0	235.00	228.00	0.29	0.29	21.000	228.29	Absolute	228.29	False	
92	MH-2	100.00	48.0	100.00	93.00	0.11	0.11	20.000	93.11	Absolute	93.11	False	
93	MH-4	105.00	48.0	105.00	98.00	0.80	0.80	20.000	98.80	Absolute	98.80	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.20	0.20	20.000	678.20	Absolute	678.20	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.19	0.19	20.000	663.19	Absolute	663.19	False	
101	MH-80	600.00	48.0	600.00	593.00	0.28	0.28	21.000	593.28	Absolute	593.28	False	
102	MH-78	565.00	48.0	565.00	558.00	0.17	0.17	22.000	558.17	Absolute	558.17	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.18	0.18	21.000	543.18	Absolute	543.18	False	
105	MH-40	520.00	48.0	520.00	513.00	0.14	0.14	21.000	513.14	Absolute	513.14	False	
106	MH-38	500.00	48.0	500.00	493.00	0.24	0.24	21.000	493.24	Absolute	493.24	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.27	0.27	21.000	498.27	Absolute	498.27	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.19	0.19	21.000	578.19	Absolute	578.19	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.09	0.09	21.000	598.09	Absolute	598.09	False	
128	MH-36	455.00	48.0	455.00	448.00	0.28	0.28	21.000	448.28	Absolute	448.28	False	
129	MH-34	400.00	48.0	400.00	393.00	0.26	0.26	21.000	393.26	Absolute	393.26	False	
130	MH-32	395.00	48.0	395.00	388.00	0.27	0.27	21.000	388.27	Absolute	388.27	False	
131	MH-30	375.00	48.0	375.00	368.00	0.26	0.26	21.000	368.26	Absolute	368.26	False	
132	MH-22	300.00	48.0	300.00	293.00	0.21	0.21	20.000	293.21	Absolute	293.21	False	
133	MH-20	205.00	48.0	205.00	198.00	0.13	0.13	21.000	198.13	Absolute	198.13	False	
134	MH-18	175.00	48.0	175.00	168.00	0.15	0.15	21.000	168.15	Absolute	168.15	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.09	0.09	22.000	158.09	Absolute	158.09	False	
136	MH-12	130.00	48.0	130.00	123.00	0.28	0.28	21.000	123.28	Absolute	123.28	False	
137	MH-24	160.00	48.0	160.00	153.00	0.28	0.28	21.000	153.28	Absolute	153.28	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.27	0.27	21.000	108.27	Absolute	108.27	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.21	0.21	20.000	433.21	Absolute	433.21	False	
159	MH-64	420.00	48.0	420.00	413.00	0.25	0.25	21.000	413.25	Absolute	413.25	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.03	0.03	21.000	743.03	Absolute	743.03	False	
183	MH-118	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
187	MH-108	640.00	48.0	640.00	633.00	0.17	0.17	21.000	633.17	Absolute	633.17	False	
190	MH-76	535.00	48.0	535.00	528.00	0.13	0.13	20.000	528.13	Absolute	528.13	False	
196	MH-28	280.00	48.0	280.00	273.00	0.30	0.30	21.000	273.30	Absolute	273.30	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.19	0.19	21.000	466.73	Absolute	466.73	False	
260	MH-75	725.00	48.0	725.00	718.00	0.09	0.09	21.000	718.09	Absolute	718.09	False	

Current Time: 31.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.27	0.27	21.000	518.27	Absolute	518.27	False	
47	MH-100	510.00	48.0	510.00	503.00	0.10	0.10	20.000	503.10	Absolute	503.10	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.21	0.21	21.000	773.21	Absolute	773.21	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.41	0.41	21.000	508.41	Absolute	508.41	False	
59	MH-74	625.00	48.0	625.00	618.00	0.18	0.18	20.000	618.18	Absolute	618.18	False	
60	MH-72	529.00	48.0	529.00	522.00	0.21	0.21	21.000	522.21	Absolute	522.21	False	
62	MH-70	515.00	48.0	515.00	508.00	0.23	0.23	21.000	508.23	Absolute	508.23	False	
64	MH-75	620.00	48.0	620.00	613.00	0.12	0.12	20.000	613.12	Absolute	613.12	False	
67	MH-66	425.00	48.0	425.00	418.00	0.28	0.28	21.000	418.28	Absolute	418.28	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.65	0.65	20.000	318.65	Absolute	318.65	False	
87	MH-48	240.00	48.0	240.00	233.00	0.70	0.70	20.000	233.70	Absolute	233.70	False	
89	MH-26	235.00	48.0	235.00	228.00	0.79	0.79	21.000	228.79	Absolute	228.79	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 31.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.20	0.20	20.000	678.20	Absolute	678.20	False	
99	MH-82	655.00	48.0	655.00	648.00	0.32	0.32	21.000	648.32	Absolute	648.32	False	
100	MH-86	670.00	48.0	670.00	663.00	0.19	0.19	20.000	663.19	Absolute	663.19	False	
101	MH-80	600.00	48.0	600.00	593.00	0.39	0.39	21.000	593.39	Absolute	593.39	False	
102	MH-78	565.00	48.0	565.00	558.00	0.39	0.39	22.000	558.39	Absolute	558.39	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.23	0.23	21.000	543.23	Absolute	543.23	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.52	0.52	21.000	493.52	Absolute	493.52	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.37	0.37	21.000	498.37	Absolute	498.37	False	
118	MH-90	545.00	48.0	545.00	538.00	0.29	0.29	21.000	538.29	Absolute	538.29	False	
119	MH-92	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.54	0.54	21.000	448.54	Absolute	448.54	False	
129	MH-34	400.00	48.0	400.00	393.00	0.54	0.54	21.000	393.54	Absolute	393.54	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.21	0.21	20.000	293.21	Absolute	293.21	False	
133	MH-20	205.00	48.0	205.00	198.00	0.21	0.21	21.000	198.21	Absolute	198.21	False	
134	MH-18	175.00	48.0	175.00	168.00	0.24	0.24	21.000	168.24	Absolute	168.24	False	
135	MH-14	165.00	48.0	165.00	158.00	0.21	0.21	22.000	158.21	Absolute	158.21	False	
136	MH-12	130.00	48.0	130.00	123.00	0.81	0.81	21.000	123.81	Absolute	123.81	False	
137	MH-24	160.00	48.0	160.00	153.00	0.79	0.79	21.000	153.79	Absolute	153.79	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.81	0.81	21.000	108.81	Absolute	108.81	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.57	0.57	21.000	413.57	Absolute	413.57	False	
173	MH-98	450.00	48.0	450.00	443.00	0.10	0.10	21.000	443.10	Absolute	443.10	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.21	0.21	21.000	633.21	Absolute	633.21	False	
190	MH-76	535.00	48.0	535.00	528.00	0.13	0.13	20.000	528.13	Absolute	528.13	False	
196	MH-28	280.00	48.0	280.00	273.00	0.55	0.55	21.000	273.55	Absolute	273.55	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.25	0.25	21.000	466.79	Absolute	466.79	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 32.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 32.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.32	0.32	21.000	598.32	Absolute	598.32	False	
45	MH-104	525.00	48.0	525.00	518.00	0.28	0.28	21.000	518.28	Absolute	518.28	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.20	0.20	21.000	773.20	Absolute	773.20	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.42	0.42	21.000	508.42	Absolute	508.42	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.22	0.22	21.000	522.22	Absolute	522.22	False	
62	MH-70	515.00	48.0	515.00	508.00	0.24	0.24	21.000	508.24	Absolute	508.24	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.28	0.28	21.000	418.28	Absolute	418.28	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.64	0.64	20.000	318.64	Absolute	318.64	False	
87	MH-48	240.00	48.0	240.00	233.00	0.69	0.69	20.000	233.69	Absolute	233.69	False	
89	MH-26	235.00	48.0	235.00	228.00	0.79	0.79	21.000	228.79	Absolute	228.79	False	
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.17	0.17	20.000	678.17	Absolute	678.17	False	
99	MH-82	655.00	48.0	655.00	648.00	0.30	0.30	21.000	648.30	Absolute	648.30	False	
100	MH-86	670.00	48.0	670.00	663.00	0.16	0.16	20.000	663.16	Absolute	663.16	False	
101	MH-80	600.00	48.0	600.00	593.00	0.36	0.36	21.000	593.36	Absolute	593.36	False	
102	MH-78	565.00	48.0	565.00	558.00	0.39	0.39	22.000	558.39	Absolute	558.39	False	
103	MH-44	590.00	48.0	590.00	583.00	0.14	0.14	21.000	583.14	Absolute	583.14	False	
104	MH-42	550.00	48.0	550.00	543.00	0.21	0.21	21.000	543.21	Absolute	543.21	False	
105	MH-40	520.00	48.0	520.00	513.00	0.26	0.26	21.000	513.26	Absolute	513.26	False	
106	MH-38	500.00	48.0	500.00	493.00	0.52	0.52	21.000	493.52	Absolute	493.52	False	
109	MH-46	625.00	48.0	625.00	618.00	0.13	0.13	20.000	618.13	Absolute	618.13	False	
117	MH-88	505.00	48.0	505.00	498.00	0.35	0.35	21.000	498.35	Absolute	498.35	False	
118	MH-90	545.00	48.0	545.00	538.00	0.27	0.27	21.000	538.27	Absolute	538.27	False	
119	MH-92	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
120	MH-96	665.00	48.0	665.00	658.00	0.12	0.12	20.000	658.12	Absolute	658.12	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.53	0.53	21.000	448.53	Absolute	448.53	False	
129	MH-34	400.00	48.0	400.00	393.00	0.53	0.53	21.000	393.53	Absolute	393.53	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.17	0.17	20.000	293.17	Absolute	293.17	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.23	0.23	21.000	168.23	Absolute	168.23	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 32.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.21	0.21	22.000	158.21	Absolute	158.21	False	
136	MH-12	130.00	48.0	130.00	123.00	0.82	0.82	21.000	123.82	Absolute	123.82	False	
137	MH-24	160.00	48.0	160.00	153.00	0.79	0.79	21.000	153.79	Absolute	153.79	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.82	0.82	21.000	108.82	Absolute	108.82	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.57	0.57	21.000	413.57	Absolute	413.57	False	
173	MH-98	450.00	48.0	450.00	443.00	0.10	0.10	21.000	443.10	Absolute	443.10	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.28	0.28	21.000	578.28	Absolute	578.28	False	
187	MH-108	640.00	48.0	640.00	633.00	0.19	0.19	21.000	633.19	Absolute	633.19	False	
190	MH-76	535.00	48.0	535.00	528.00	0.18	0.18	20.000	528.18	Absolute	528.18	False	
196	MH-28	280.00	48.0	280.00	273.00	0.54	0.54	21.000	273.54	Absolute	273.54	False	
200	MH-126	805.00	48.0	805.00	798.00	0.16	0.16	21.000	798.16	Absolute	798.16	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.27	0.27	21.000	466.82	Absolute	466.82	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 33.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.30	0.30	21.000	598.30	Absolute	598.30	False	
45	MH-104	525.00	48.0	525.00	518.00	0.30	0.30	21.000	518.30	Absolute	518.30	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.19	0.19	21.000	613.19	Absolute	613.19	False	
56	MH-116	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.30	0.30	21.000	522.30	Absolute	522.30	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.41	0.41	21.000	418.41	Absolute	418.41	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.36	0.36	20.000	413.36	Absolute	413.36	False	
85	MH-50	325.00	48.0	325.00	318.00	0.55	0.55	20.000	318.55	Absolute	318.55	False	
87	MH-48	240.00	48.0	240.00	233.00	0.64	0.64	20.000	233.64	Absolute	233.64	False	
89	MH-26	235.00	48.0	235.00	228.00	0.75	0.75	21.000	228.75	Absolute	228.75	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 33.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.76	0.76	20.000	93.76	Absolute	93.76	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.17	0.17	20.000	678.17	Absolute	678.17	False	
99	MH-82	655.00	48.0	655.00	648.00	0.27	0.27	21.000	648.27	Absolute	648.27	False	
100	MH-86	670.00	48.0	670.00	663.00	0.16	0.16	20.000	663.16	Absolute	663.16	False	
101	MH-80	600.00	48.0	600.00	593.00	0.32	0.32	21.000	593.32	Absolute	593.32	False	
102	MH-78	565.00	48.0	565.00	558.00	0.32	0.32	22.000	558.32	Absolute	558.32	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.19	0.19	21.000	543.19	Absolute	543.19	False	
105	MH-40	520.00	48.0	520.00	513.00	0.23	0.23	21.000	513.23	Absolute	513.23	False	
106	MH-38	500.00	48.0	500.00	493.00	0.44	0.44	21.000	493.44	Absolute	493.44	False	
109	MH-46	625.00	48.0	625.00	618.00	0.13	0.13	20.000	618.13	Absolute	618.13	False	
117	MH-88	505.00	48.0	505.00	498.00	0.31	0.31	21.000	498.31	Absolute	498.31	False	
118	MH-90	545.00	48.0	545.00	538.00	0.24	0.24	21.000	538.24	Absolute	538.24	False	
119	MH-92	585.00	48.0	585.00	578.00	0.19	0.19	21.000	578.19	Absolute	578.19	False	
120	MH-96	665.00	48.0	665.00	658.00	0.12	0.12	20.000	658.12	Absolute	658.12	False	
121	MH-94	605.00	48.0	605.00	598.00	0.12	0.12	21.000	598.12	Absolute	598.12	False	
128	MH-36	455.00	48.0	455.00	448.00	0.46	0.46	21.000	448.46	Absolute	448.46	False	
129	MH-34	400.00	48.0	400.00	393.00	0.46	0.46	21.000	393.46	Absolute	393.46	False	
130	MH-32	395.00	48.0	395.00	388.00	0.45	0.45	21.000	388.45	Absolute	388.45	False	
131	MH-30	375.00	48.0	375.00	368.00	0.46	0.46	21.000	368.46	Absolute	368.46	False	
132	MH-22	300.00	48.0	300.00	293.00	0.17	0.17	20.000	293.17	Absolute	293.17	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	
135	MH-14	165.00	48.0	165.00	158.00	0.17	0.17	22.000	158.17	Absolute	158.17	False	
136	MH-12	130.00	48.0	130.00	123.00	0.76	0.76	21.000	123.76	Absolute	123.76	False	
137	MH-24	160.00	48.0	160.00	153.00	0.75	0.75	21.000	153.75	Absolute	153.75	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.77	0.77	21.000	108.77	Absolute	108.77	False	
157	MH-102	500.00	48.0	500.00	493.00	0.10	0.10	20.000	493.10	Absolute	493.10	False	
158	MH-65	440.00	48.0	440.00	433.00	0.47	0.47	20.000	433.47	Absolute	433.47	False	
159	MH-64	420.00	48.0	420.00	413.00	0.61	0.61	21.000	413.61	Absolute	413.61	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.26	0.26	21.000	578.26	Absolute	578.26	False	
187	MH-108	640.00	48.0	640.00	633.00	0.17	0.17	21.000	633.17	Absolute	633.17	False	
190	MH-76	535.00	48.0	535.00	528.00	0.18	0.18	20.000	528.18	Absolute	528.18	False	
196	MH-28	280.00	48.0	280.00	273.00	0.47	0.47	21.000	273.47	Absolute	273.47	False	
200	MH-126	805.00	48.0	805.00	798.00	0.16	0.16	21.000	798.16	Absolute	798.16	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.36	0.36	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.16	0.16	21.000	718.16	Absolute	718.16	False	

Current Time: 34.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 34.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.29	0.29	21.000	518.29	Absolute	518.29	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
59	MH-74	625.00	48.0	625.00	618.00	0.21	0.21	20.000	618.21	Absolute	618.21	False	
60	MH-72	529.00	48.0	529.00	522.00	0.30	0.30	21.000	522.30	Absolute	522.30	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.41	0.41	21.000	418.41	Absolute	418.41	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.13	0.13	20.000	413.13	Absolute	413.13	False	
85	MH-50	325.00	48.0	325.00	318.00	0.18	0.18	20.000	318.18	Absolute	318.18	False	
87	MH-48	240.00	48.0	240.00	233.00	0.21	0.21	20.000	233.21	Absolute	233.21	False	
89	MH-26	235.00	48.0	235.00	228.00	0.47	0.47	21.000	228.47	Absolute	228.47	False	
92	MH-2	100.00	48.0	100.00	93.00	0.08	0.08	20.000	93.08	Absolute	93.08	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.08	0.08	20.000	168.08	Absolute	168.08	False	
98	MH-84	685.00	48.0	685.00	678.00	0.13	0.13	20.000	678.13	Absolute	678.13	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.12	0.12	20.000	663.12	Absolute	663.12	False	
101	MH-80	600.00	48.0	600.00	593.00	0.30	0.30	21.000	593.30	Absolute	593.30	False	
102	MH-78	565.00	48.0	565.00	558.00	0.32	0.32	22.000	558.32	Absolute	558.32	False	
103	MH-44	590.00	48.0	590.00	583.00	0.12	0.12	21.000	583.12	Absolute	583.12	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.21	0.21	21.000	513.21	Absolute	513.21	False	
106	MH-38	500.00	48.0	500.00	493.00	0.44	0.44	21.000	493.44	Absolute	493.44	False	
109	MH-46	625.00	48.0	625.00	618.00	0.10	0.10	20.000	618.10	Absolute	618.10	False	
117	MH-88	505.00	48.0	505.00	498.00	0.28	0.28	21.000	498.28	Absolute	498.28	False	
118	MH-90	545.00	48.0	545.00	538.00	0.22	0.22	21.000	538.22	Absolute	538.22	False	
119	MH-92	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.45	0.45	21.000	448.45	Absolute	448.45	False	
129	MH-34	400.00	48.0	400.00	393.00	0.45	0.45	21.000	393.45	Absolute	393.45	False	
130	MH-32	395.00	48.0	395.00	388.00	0.44	0.44	21.000	388.44	Absolute	388.44	False	
131	MH-30	375.00	48.0	375.00	368.00	0.45	0.45	21.000	368.45	Absolute	368.45	False	
132	MH-22	300.00	48.0	300.00	293.00	0.14	0.14	20.000	293.14	Absolute	293.14	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 34.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.17	0.17	22.000	158.17	Absolute	158.17	False	
136	MH-12	130.00	48.0	130.00	123.00	0.50	0.50	21.000	123.50	Absolute	123.50	False	
137	MH-24	160.00	48.0	160.00	153.00	0.48	0.48	21.000	153.48	Absolute	153.48	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.51	0.51	21.000	108.51	Absolute	108.51	False	
157	MH-102	500.00	48.0	500.00	493.00	0.08	0.08	20.000	493.08	Absolute	493.08	False	
158	MH-65	440.00	48.0	440.00	433.00	0.10	0.10	20.000	433.10	Absolute	433.10	False	
159	MH-64	420.00	48.0	420.00	413.00	0.37	0.37	21.000	413.37	Absolute	413.37	False	
173	MH-98	450.00	48.0	450.00	443.00	0.14	0.14	21.000	443.14	Absolute	443.14	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.15	0.15	20.000	528.15	Absolute	528.15	False	
196	MH-28	280.00	48.0	280.00	273.00	0.46	0.46	21.000	273.46	Absolute	273.46	False	
200	MH-126	805.00	48.0	805.00	798.00	0.13	0.13	21.000	798.13	Absolute	798.13	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.35	0.35	21.000	466.90	Absolute	466.90	False	
260	MH-75	725.00	48.0	725.00	718.00	0.16	0.16	21.000	718.16	Absolute	718.16	False	

Current Time: 35.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.10	0.10	21.000	673.10	Absolute	673.10	False	
43	MH-106	605.00	48.0	605.00	598.00	0.25	0.25	21.000	598.25	Absolute	598.25	False	
45	MH-104	525.00	48.0	525.00	518.00	0.25	0.25	21.000	518.25	Absolute	518.25	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.14	0.14	21.000	773.14	Absolute	773.14	False	
54	MH-120	620.00	48.0	620.00	613.00	0.16	0.16	21.000	613.16	Absolute	613.16	False	
56	MH-116	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
59	MH-74	625.00	48.0	625.00	618.00	0.21	0.21	20.000	618.21	Absolute	618.21	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.13	0.13	20.000	413.13	Absolute	413.13	False	
85	MH-50	325.00	48.0	325.00	318.00	0.16	0.16	20.000	318.16	Absolute	318.16	False	
87	MH-48	240.00	48.0	240.00	233.00	0.18	0.18	20.000	233.18	Absolute	233.18	False	
89	MH-26	235.00	48.0	235.00	228.00	0.39	0.39	21.000	228.39	Absolute	228.39	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 35.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.06	0.06	20.000	93.06	Absolute	93.06	False	
93	MH-4	105.00	48.0	105.00	98.00	0.07	0.07	20.000	98.07	Absolute	98.07	False	
94	MH-6	175.00	48.0	175.00	168.00	0.08	0.08	20.000	168.08	Absolute	168.08	False	
98	MH-84	685.00	48.0	685.00	678.00	0.13	0.13	20.000	678.13	Absolute	678.13	False	
99	MH-82	655.00	48.0	655.00	648.00	0.21	0.21	21.000	648.21	Absolute	648.21	False	
100	MH-86	670.00	48.0	670.00	663.00	0.12	0.12	20.000	663.12	Absolute	663.12	False	
101	MH-80	600.00	48.0	600.00	593.00	0.26	0.26	21.000	593.26	Absolute	593.26	False	
102	MH-78	565.00	48.0	565.00	558.00	0.26	0.26	22.000	558.26	Absolute	558.26	False	
103	MH-44	590.00	48.0	590.00	583.00	0.10	0.10	21.000	583.10	Absolute	583.10	False	
104	MH-42	550.00	48.0	550.00	543.00	0.15	0.15	21.000	543.15	Absolute	543.15	False	
105	MH-40	520.00	48.0	520.00	513.00	0.19	0.19	21.000	513.19	Absolute	513.19	False	
106	MH-38	500.00	48.0	500.00	493.00	0.35	0.35	21.000	493.35	Absolute	493.35	False	
109	MH-46	625.00	48.0	625.00	618.00	0.10	0.10	20.000	618.10	Absolute	618.10	False	
117	MH-88	505.00	48.0	505.00	498.00	0.24	0.24	21.000	498.24	Absolute	498.24	False	
118	MH-90	545.00	48.0	545.00	538.00	0.19	0.19	21.000	538.19	Absolute	538.19	False	
119	MH-92	585.00	48.0	585.00	578.00	0.15	0.15	21.000	578.15	Absolute	578.15	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.37	0.37	21.000	448.37	Absolute	448.37	False	
129	MH-34	400.00	48.0	400.00	393.00	0.37	0.37	21.000	393.37	Absolute	393.37	False	
130	MH-32	395.00	48.0	395.00	388.00	0.36	0.36	21.000	388.36	Absolute	388.36	False	
131	MH-30	375.00	48.0	375.00	368.00	0.37	0.37	21.000	368.37	Absolute	368.37	False	
132	MH-22	300.00	48.0	300.00	293.00	0.14	0.14	20.000	293.14	Absolute	293.14	False	
133	MH-20	205.00	48.0	205.00	198.00	0.14	0.14	21.000	198.14	Absolute	198.14	False	
134	MH-18	175.00	48.0	175.00	168.00	0.16	0.16	21.000	168.16	Absolute	168.16	False	
135	MH-14	165.00	48.0	165.00	158.00	0.14	0.14	22.000	158.14	Absolute	158.14	False	
136	MH-12	130.00	48.0	130.00	123.00	0.41	0.41	21.000	123.41	Absolute	123.41	False	
137	MH-24	160.00	48.0	160.00	153.00	0.39	0.39	21.000	153.39	Absolute	153.39	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.41	0.41	21.000	108.41	Absolute	108.41	False	
157	MH-102	500.00	48.0	500.00	493.00	0.08	0.08	20.000	493.08	Absolute	493.08	False	
158	MH-65	440.00	48.0	440.00	433.00	0.08	0.08	20.000	433.08	Absolute	433.08	False	
159	MH-64	420.00	48.0	420.00	413.00	0.31	0.31	21.000	413.31	Absolute	413.31	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
187	MH-108	640.00	48.0	640.00	633.00	0.14	0.14	21.000	633.14	Absolute	633.14	False	
190	MH-76	535.00	48.0	535.00	528.00	0.15	0.15	20.000	528.15	Absolute	528.15	False	
196	MH-28	280.00	48.0	280.00	273.00	0.38	0.38	21.000	273.38	Absolute	273.38	False	
200	MH-126	805.00	48.0	805.00	798.00	0.13	0.13	21.000	798.13	Absolute	798.13	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.84	Absolute	466.84	False	
260	MH-75	725.00	48.0	725.00	718.00	0.13	0.13	21.000	718.13	Absolute	718.13	False	

Current Time: 36.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 36.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.25	0.25	21.000	518.25	Absolute	518.25	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.14	0.14	21.000	773.14	Absolute	773.14	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.53	0.53	20.000	413.53	Absolute	413.53	False	
85	MH-50	325.00	48.0	325.00	318.00	0.37	0.37	20.000	318.37	Absolute	318.37	False	
87	MH-48	240.00	48.0	240.00	233.00	0.30	0.30	20.000	233.30	Absolute	233.30	False	
89	MH-26	235.00	48.0	235.00	228.00	0.39	0.39	21.000	228.39	Absolute	228.39	False	
92	MH-2	100.00	48.0	100.00	93.00	0.12	0.12	20.000	93.12	Absolute	93.12	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.09	0.09	20.000	168.09	Absolute	168.09	False	
98	MH-84	685.00	48.0	685.00	678.00	0.14	0.14	20.000	678.14	Absolute	678.14	False	
99	MH-82	655.00	48.0	655.00	648.00	0.22	0.22	21.000	648.22	Absolute	648.22	False	
100	MH-86	670.00	48.0	670.00	663.00	0.13	0.13	20.000	663.13	Absolute	663.13	False	
101	MH-80	600.00	48.0	600.00	593.00	0.27	0.27	21.000	593.27	Absolute	593.27	False	
102	MH-78	565.00	48.0	565.00	558.00	0.26	0.26	22.000	558.26	Absolute	558.26	False	
103	MH-44	590.00	48.0	590.00	583.00	0.10	0.10	21.000	583.10	Absolute	583.10	False	
104	MH-42	550.00	48.0	550.00	543.00	0.16	0.16	21.000	543.16	Absolute	543.16	False	
105	MH-40	520.00	48.0	520.00	513.00	0.19	0.19	21.000	513.19	Absolute	513.19	False	
106	MH-38	500.00	48.0	500.00	493.00	0.35	0.35	21.000	493.35	Absolute	493.35	False	
109	MH-46	625.00	48.0	625.00	618.00	0.11	0.11	20.000	618.11	Absolute	618.11	False	
117	MH-88	505.00	48.0	505.00	498.00	0.25	0.25	21.000	498.25	Absolute	498.25	False	
118	MH-90	545.00	48.0	545.00	538.00	0.20	0.20	21.000	538.20	Absolute	538.20	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.37	0.37	21.000	448.37	Absolute	448.37	False	
129	MH-34	400.00	48.0	400.00	393.00	0.37	0.37	21.000	393.37	Absolute	393.37	False	
130	MH-32	395.00	48.0	395.00	388.00	0.36	0.36	21.000	388.36	Absolute	388.36	False	
131	MH-30	375.00	48.0	375.00	368.00	0.37	0.37	21.000	368.37	Absolute	368.37	False	
132	MH-22	300.00	48.0	300.00	293.00	0.15	0.15	20.000	293.15	Absolute	293.15	False	
133	MH-20	205.00	48.0	205.00	198.00	0.14	0.14	21.000	198.14	Absolute	198.14	False	
134	MH-18	175.00	48.0	175.00	168.00	0.16	0.16	21.000	168.16	Absolute	168.16	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 36.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.14	0.14	22.000	158.14	Absolute	158.14	False	
136	MH-12	130.00	48.0	130.00	123.00	0.41	0.41	21.000	123.41	Absolute	123.41	False	
137	MH-24	160.00	48.0	160.00	153.00	0.39	0.39	21.000	153.39	Absolute	153.39	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.41	0.41	21.000	108.41	Absolute	108.41	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.22	0.22	20.000	433.22	Absolute	433.22	False	
159	MH-64	420.00	48.0	420.00	413.00	0.33	0.33	21.000	413.33	Absolute	413.33	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
187	MH-108	640.00	48.0	640.00	633.00	0.15	0.15	21.000	633.15	Absolute	633.15	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.38	0.38	21.000	273.38	Absolute	273.38	False	
200	MH-126	805.00	48.0	805.00	798.00	0.14	0.14	21.000	798.14	Absolute	798.14	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.84	Absolute	466.84	False	
260	MH-75	725.00	48.0	725.00	718.00	0.13	0.13	21.000	718.13	Absolute	718.13	False	

Current Time: 37.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.26	0.26	21.000	518.26	Absolute	518.26	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.15	0.15	21.000	773.15	Absolute	773.15	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.36	0.36	21.000	508.36	Absolute	508.36	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.26	0.26	21.000	522.26	Absolute	522.26	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.36	0.36	21.000	418.36	Absolute	418.36	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.64	0.64	20.000	318.64	Absolute	318.64	False	
87	MH-48	240.00	48.0	240.00	233.00	0.68	0.68	20.000	233.68	Absolute	233.68	False	
89	MH-26	235.00	48.0	235.00	228.00	0.70	0.70	21.000	228.70	Absolute	228.70	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 37.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.09	0.09	20.000	168.09	Absolute	168.09	False	
98	MH-84	685.00	48.0	685.00	678.00	0.14	0.14	20.000	678.14	Absolute	678.14	False	
99	MH-82	655.00	48.0	655.00	648.00	0.23	0.23	21.000	648.23	Absolute	648.23	False	
100	MH-86	670.00	48.0	670.00	663.00	0.13	0.13	20.000	663.13	Absolute	663.13	False	
101	MH-80	600.00	48.0	600.00	593.00	0.28	0.28	21.000	593.28	Absolute	593.28	False	
102	MH-78	565.00	48.0	565.00	558.00	0.28	0.28	22.000	558.28	Absolute	558.28	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.16	0.16	21.000	543.16	Absolute	543.16	False	
105	MH-40	520.00	48.0	520.00	513.00	0.20	0.20	21.000	513.20	Absolute	513.20	False	
106	MH-38	500.00	48.0	500.00	493.00	0.38	0.38	21.000	493.38	Absolute	493.38	False	
109	MH-46	625.00	48.0	625.00	618.00	0.11	0.11	20.000	618.11	Absolute	618.11	False	
117	MH-88	505.00	48.0	505.00	498.00	0.26	0.26	21.000	498.26	Absolute	498.26	False	
118	MH-90	545.00	48.0	545.00	538.00	0.21	0.21	21.000	538.21	Absolute	538.21	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.39	0.39	21.000	448.39	Absolute	448.39	False	
129	MH-34	400.00	48.0	400.00	393.00	0.39	0.39	21.000	393.39	Absolute	393.39	False	
130	MH-32	395.00	48.0	395.00	388.00	0.38	0.38	21.000	388.38	Absolute	388.38	False	
131	MH-30	375.00	48.0	375.00	368.00	0.39	0.39	21.000	368.39	Absolute	368.39	False	
132	MH-22	300.00	48.0	300.00	293.00	0.15	0.15	20.000	293.15	Absolute	293.15	False	
133	MH-20	205.00	48.0	205.00	198.00	0.15	0.15	21.000	198.15	Absolute	198.15	False	
134	MH-18	175.00	48.0	175.00	168.00	0.17	0.17	21.000	168.17	Absolute	168.17	False	
135	MH-14	165.00	48.0	165.00	158.00	0.15	0.15	22.000	158.15	Absolute	158.15	False	
136	MH-12	130.00	48.0	130.00	123.00	0.72	0.72	21.000	123.72	Absolute	123.72	False	
137	MH-24	160.00	48.0	160.00	153.00	0.70	0.70	21.000	153.70	Absolute	153.70	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.72	0.72	21.000	108.72	Absolute	108.72	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.59	0.59	21.000	413.59	Absolute	413.59	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.15	0.15	21.000	633.15	Absolute	633.15	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.41	0.41	21.000	273.41	Absolute	273.41	False	
200	MH-126	805.00	48.0	805.00	798.00	0.14	0.14	21.000	798.14	Absolute	798.14	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.31	0.31	21.000	466.86	Absolute	466.86	False	
260	MH-75	725.00	48.0	725.00	718.00	0.14	0.14	21.000	718.14	Absolute	718.14	False	

Current Time: 38.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 38.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.12	0.12	21.000	673.12	Absolute	673.12	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.26	0.26	21.000	518.26	Absolute	518.26	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.15	0.15	21.000	773.15	Absolute	773.15	False	
54	MH-120	620.00	48.0	620.00	613.00	0.20	0.20	21.000	613.20	Absolute	613.20	False	
56	MH-116	515.00	48.0	515.00	508.00	0.36	0.36	21.000	508.36	Absolute	508.36	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.26	0.26	21.000	522.26	Absolute	522.26	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.36	0.36	21.000	418.36	Absolute	418.36	False	
75	MH-62	450.00	48.0	450.00	443.00	0.08	0.08	20.000	443.08	Absolute	443.08	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.64	0.64	20.000	318.64	Absolute	318.64	False	
87	MH-48	240.00	48.0	240.00	233.00	0.68	0.68	20.000	233.68	Absolute	233.68	False	
89	MH-26	235.00	48.0	235.00	228.00	0.70	0.70	21.000	228.70	Absolute	228.70	False	
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.16	0.16	20.000	678.16	Absolute	678.16	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.15	0.15	20.000	663.15	Absolute	663.15	False	
101	MH-80	600.00	48.0	600.00	593.00	0.29	0.29	21.000	593.29	Absolute	593.29	False	
102	MH-78	565.00	48.0	565.00	558.00	0.28	0.28	22.000	558.28	Absolute	558.28	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.20	0.20	21.000	513.20	Absolute	513.20	False	
106	MH-38	500.00	48.0	500.00	493.00	0.38	0.38	21.000	493.38	Absolute	493.38	False	
109	MH-46	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
117	MH-88	505.00	48.0	505.00	498.00	0.27	0.27	21.000	498.27	Absolute	498.27	False	
118	MH-90	545.00	48.0	545.00	538.00	0.22	0.22	21.000	538.22	Absolute	538.22	False	
119	MH-92	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
120	MH-96	665.00	48.0	665.00	658.00	0.11	0.11	20.000	658.11	Absolute	658.11	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.40	0.40	21.000	448.40	Absolute	448.40	False	
129	MH-34	400.00	48.0	400.00	393.00	0.39	0.39	21.000	393.39	Absolute	393.39	False	
130	MH-32	395.00	48.0	395.00	388.00	0.39	0.39	21.000	388.39	Absolute	388.39	False	
131	MH-30	375.00	48.0	375.00	368.00	0.39	0.39	21.000	368.39	Absolute	368.39	False	
132	MH-22	300.00	48.0	300.00	293.00	0.16	0.16	20.000	293.16	Absolute	293.16	False	
133	MH-20	205.00	48.0	205.00	198.00	0.15	0.15	21.000	198.15	Absolute	198.15	False	
134	MH-18	175.00	48.0	175.00	168.00	0.17	0.17	21.000	168.17	Absolute	168.17	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 38.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.15	0.15	22.000	158.15	Absolute	158.15	False	
136	MH-12	130.00	48.0	130.00	123.00	0.72	0.72	21.000	123.72	Absolute	123.72	False	
137	MH-24	160.00	48.0	160.00	153.00	0.71	0.71	21.000	153.71	Absolute	153.71	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.72	0.72	21.000	108.72	Absolute	108.72	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.59	0.59	21.000	413.59	Absolute	413.59	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.41	0.41	21.000	273.41	Absolute	273.41	False	
200	MH-126	805.00	48.0	805.00	798.00	0.15	0.15	21.000	798.15	Absolute	798.15	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.31	0.31	21.000	466.86	Absolute	466.86	False	
260	MH-75	725.00	48.0	725.00	718.00	0.14	0.14	21.000	718.14	Absolute	718.14	False	

Current Time: 39.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.12	0.12	21.000	673.12	Absolute	673.12	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.27	0.27	21.000	518.27	Absolute	518.27	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.16	0.16	21.000	773.16	Absolute	773.16	False	
54	MH-120	620.00	48.0	620.00	613.00	0.21	0.21	21.000	613.21	Absolute	613.21	False	
56	MH-116	515.00	48.0	515.00	508.00	0.39	0.39	21.000	508.39	Absolute	508.39	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.27	0.27	21.000	522.27	Absolute	522.27	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.37	0.37	21.000	418.37	Absolute	418.37	False	
75	MH-62	450.00	48.0	450.00	443.00	0.08	0.08	20.000	443.08	Absolute	443.08	False	
76	MH-58	395.00	48.0	395.00	388.00	0.08	0.08	21.000	388.08	Absolute	388.08	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.36	0.36	20.000	413.36	Absolute	413.36	False	
85	MH-50	325.00	48.0	325.00	318.00	0.54	0.54	20.000	318.54	Absolute	318.54	False	
87	MH-48	240.00	48.0	240.00	233.00	0.64	0.64	20.000	233.64	Absolute	233.64	False	
89	MH-26	235.00	48.0	235.00	228.00	0.73	0.73	21.000	228.73	Absolute	228.73	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 39.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.76	0.76	20.000	93.76	Absolute	93.76	False	
93	MH-4	105.00	48.0	105.00	98.00	0.08	0.08	20.000	98.08	Absolute	98.08	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.16	0.16	20.000	678.16	Absolute	678.16	False	
99	MH-82	655.00	48.0	655.00	648.00	0.25	0.25	21.000	648.25	Absolute	648.25	False	
100	MH-86	670.00	48.0	670.00	663.00	0.15	0.15	20.000	663.15	Absolute	663.15	False	
101	MH-80	600.00	48.0	600.00	593.00	0.30	0.30	21.000	593.30	Absolute	593.30	False	
102	MH-78	565.00	48.0	565.00	558.00	0.30	0.30	22.000	558.30	Absolute	558.30	False	
103	MH-44	590.00	48.0	590.00	583.00	0.12	0.12	21.000	583.12	Absolute	583.12	False	
104	MH-42	550.00	48.0	550.00	543.00	0.18	0.18	21.000	543.18	Absolute	543.18	False	
105	MH-40	520.00	48.0	520.00	513.00	0.21	0.21	21.000	513.21	Absolute	513.21	False	
106	MH-38	500.00	48.0	500.00	493.00	0.41	0.41	21.000	493.41	Absolute	493.41	False	
109	MH-46	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
117	MH-88	505.00	48.0	505.00	498.00	0.29	0.29	21.000	498.29	Absolute	498.29	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.18	0.18	21.000	578.18	Absolute	578.18	False	
120	MH-96	665.00	48.0	665.00	658.00	0.11	0.11	20.000	658.11	Absolute	658.11	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.43	0.43	21.000	448.43	Absolute	448.43	False	
129	MH-34	400.00	48.0	400.00	393.00	0.43	0.43	21.000	393.43	Absolute	393.43	False	
130	MH-32	395.00	48.0	395.00	388.00	0.42	0.42	21.000	388.42	Absolute	388.42	False	
131	MH-30	375.00	48.0	375.00	368.00	0.43	0.43	21.000	368.43	Absolute	368.43	False	
132	MH-22	300.00	48.0	300.00	293.00	0.16	0.16	20.000	293.16	Absolute	293.16	False	
133	MH-20	205.00	48.0	205.00	198.00	0.16	0.16	21.000	198.16	Absolute	198.16	False	
134	MH-18	175.00	48.0	175.00	168.00	0.18	0.18	21.000	168.18	Absolute	168.18	False	
135	MH-14	165.00	48.0	165.00	158.00	0.16	0.16	22.000	158.16	Absolute	158.16	False	
136	MH-12	130.00	48.0	130.00	123.00	0.74	0.74	21.000	123.74	Absolute	123.74	False	
137	MH-24	160.00	48.0	160.00	153.00	0.73	0.73	21.000	153.73	Absolute	153.73	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.74	0.74	21.000	108.74	Absolute	108.74	False	
157	MH-102	500.00	48.0	500.00	493.00	0.10	0.10	20.000	493.10	Absolute	493.10	False	
158	MH-65	440.00	48.0	440.00	433.00	0.47	0.47	20.000	433.47	Absolute	433.47	False	
159	MH-64	420.00	48.0	420.00	413.00	0.59	0.59	21.000	413.59	Absolute	413.59	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.27	0.27	21.000	578.27	Absolute	578.27	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.44	0.44	21.000	273.44	Absolute	273.44	False	
200	MH-126	805.00	48.0	805.00	798.00	0.15	0.15	21.000	798.15	Absolute	798.15	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.32	0.32	21.000	466.87	Absolute	466.87	False	
260	MH-75	725.00	48.0	725.00	718.00	0.15	0.15	21.000	718.15	Absolute	718.15	False	

Current Time: 40.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.30	0.30	21.000	598.30	Absolute	598.30	False	
45	MH-104	525.00	48.0	525.00	518.00	0.28	0.28	21.000	518.28	Absolute	518.28	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.39	0.39	21.000	508.39	Absolute	508.39	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.27	0.27	21.000	522.27	Absolute	522.27	False	
62	MH-70	515.00	48.0	515.00	508.00	0.30	0.30	21.000	508.30	Absolute	508.30	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.38	0.38	21.000	418.38	Absolute	418.38	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.08	0.08	21.000	388.08	Absolute	388.08	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.16	0.16	20.000	413.16	Absolute	413.16	False	
85	MH-50	325.00	48.0	325.00	318.00	0.21	0.21	20.000	318.21	Absolute	318.21	False	
87	MH-48	240.00	48.0	240.00	233.00	0.22	0.22	20.000	233.22	Absolute	233.22	False	
89	MH-26	235.00	48.0	235.00	228.00	0.46	0.46	21.000	228.46	Absolute	228.46	False	
92	MH-2	100.00	48.0	100.00	93.00	0.07	0.07	20.000	93.07	Absolute	93.07	False	
93	MH-4	105.00	48.0	105.00	98.00	0.08	0.08	20.000	98.08	Absolute	98.08	False	
94	MH-6	175.00	48.0	175.00	168.00	0.11	0.11	20.000	168.11	Absolute	168.11	False	
98	MH-84	685.00	48.0	685.00	678.00	0.18	0.18	20.000	678.18	Absolute	678.18	False	
99	MH-82	655.00	48.0	655.00	648.00	0.27	0.27	21.000	648.27	Absolute	648.27	False	
100	MH-86	670.00	48.0	670.00	663.00	0.17	0.17	20.000	663.17	Absolute	663.17	False	
101	MH-80	600.00	48.0	600.00	593.00	0.33	0.33	21.000	593.33	Absolute	593.33	False	
102	MH-78	565.00	48.0	565.00	558.00	0.30	0.30	22.000	558.30	Absolute	558.30	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.19	0.19	21.000	543.19	Absolute	543.19	False	
105	MH-40	520.00	48.0	520.00	513.00	0.22	0.22	21.000	513.22	Absolute	513.22	False	
106	MH-38	500.00	48.0	500.00	493.00	0.42	0.42	21.000	493.42	Absolute	493.42	False	
109	MH-46	625.00	48.0	625.00	618.00	0.14	0.14	20.000	618.14	Absolute	618.14	False	
117	MH-88	505.00	48.0	505.00	498.00	0.31	0.31	21.000	498.31	Absolute	498.31	False	
118	MH-90	545.00	48.0	545.00	538.00	0.25	0.25	21.000	538.25	Absolute	538.25	False	
119	MH-92	585.00	48.0	585.00	578.00	0.20	0.20	21.000	578.20	Absolute	578.20	False	
120	MH-96	665.00	48.0	665.00	658.00	0.13	0.13	20.000	658.13	Absolute	658.13	False	
121	MH-94	605.00	48.0	605.00	598.00	0.12	0.12	21.000	598.12	Absolute	598.12	False	
128	MH-36	455.00	48.0	455.00	448.00	0.43	0.43	21.000	448.43	Absolute	448.43	False	
129	MH-34	400.00	48.0	400.00	393.00	0.43	0.43	21.000	393.43	Absolute	393.43	False	
130	MH-32	395.00	48.0	395.00	388.00	0.42	0.42	21.000	388.42	Absolute	388.42	False	
131	MH-30	375.00	48.0	375.00	368.00	0.43	0.43	21.000	368.43	Absolute	368.43	False	
132	MH-22	300.00	48.0	300.00	293.00	0.19	0.19	20.000	293.19	Absolute	293.19	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.16	0.16	22.000	158.16	Absolute	158.16	False	
136	MH-12	130.00	48.0	130.00	123.00	0.48	0.48	21.000	123.48	Absolute	123.48	False	
137	MH-24	160.00	48.0	160.00	153.00	0.46	0.46	21.000	153.46	Absolute	153.46	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.48	0.48	21.000	108.48	Absolute	108.48	False	
157	MH-102	500.00	48.0	500.00	493.00	0.11	0.11	20.000	493.11	Absolute	493.11	False	
158	MH-65	440.00	48.0	440.00	433.00	0.10	0.10	20.000	433.10	Absolute	433.10	False	
159	MH-64	420.00	48.0	420.00	413.00	0.36	0.36	21.000	413.36	Absolute	413.36	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.29	0.29	21.000	578.29	Absolute	578.29	False	
187	MH-108	640.00	48.0	640.00	633.00	0.18	0.18	21.000	633.18	Absolute	633.18	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.45	0.45	21.000	273.45	Absolute	273.45	False	
200	MH-126	805.00	48.0	805.00	798.00	0.17	0.17	21.000	798.17	Absolute	798.17	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.33	0.33	21.000	466.87	Absolute	466.87	False	
260	MH-75	725.00	48.0	725.00	718.00	0.15	0.15	21.000	718.15	Absolute	718.15	False	

Current Time: 41.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.14	0.14	21.000	673.14	Absolute	673.14	False	
43	MH-106	605.00	48.0	605.00	598.00	0.31	0.31	21.000	598.31	Absolute	598.31	False	
45	MH-104	525.00	48.0	525.00	518.00	0.31	0.31	21.000	518.31	Absolute	518.31	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.24	0.24	21.000	613.24	Absolute	613.24	False	
56	MH-116	515.00	48.0	515.00	508.00	0.45	0.45	21.000	508.45	Absolute	508.45	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.42	0.42	21.000	418.42	Absolute	418.42	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.17	0.17	20.000	413.17	Absolute	413.17	False	
85	MH-50	325.00	48.0	325.00	318.00	0.22	0.22	20.000	318.22	Absolute	318.22	False	
87	MH-48	240.00	48.0	240.00	233.00	0.23	0.23	20.000	233.23	Absolute	233.23	False	
89	MH-26	235.00	48.0	235.00	228.00	0.52	0.52	21.000	228.52	Absolute	228.52	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 41.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.08	0.08	20.000	93.08	Absolute	93.08	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.11	0.11	20.000	168.11	Absolute	168.11	False	
98	MH-84	685.00	48.0	685.00	678.00	0.18	0.18	20.000	678.18	Absolute	678.18	False	
99	MH-82	655.00	48.0	655.00	648.00	0.29	0.29	21.000	648.29	Absolute	648.29	False	
100	MH-86	670.00	48.0	670.00	663.00	0.17	0.17	20.000	663.17	Absolute	663.17	False	
101	MH-80	600.00	48.0	600.00	593.00	0.35	0.35	21.000	593.35	Absolute	593.35	False	
102	MH-78	565.00	48.0	565.00	558.00	0.35	0.35	22.000	558.35	Absolute	558.35	False	
103	MH-44	590.00	48.0	590.00	583.00	0.14	0.14	21.000	583.14	Absolute	583.14	False	
104	MH-42	550.00	48.0	550.00	543.00	0.21	0.21	21.000	543.21	Absolute	543.21	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.48	0.48	21.000	493.48	Absolute	493.48	False	
109	MH-46	625.00	48.0	625.00	618.00	0.14	0.14	20.000	618.14	Absolute	618.14	False	
117	MH-88	505.00	48.0	505.00	498.00	0.34	0.34	21.000	498.34	Absolute	498.34	False	
118	MH-90	545.00	48.0	545.00	538.00	0.27	0.27	21.000	538.27	Absolute	538.27	False	
119	MH-92	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
120	MH-96	665.00	48.0	665.00	658.00	0.13	0.13	20.000	658.13	Absolute	658.13	False	
121	MH-94	605.00	48.0	605.00	598.00	0.13	0.13	21.000	598.13	Absolute	598.13	False	
128	MH-36	455.00	48.0	455.00	448.00	0.50	0.50	21.000	448.50	Absolute	448.50	False	
129	MH-34	400.00	48.0	400.00	393.00	0.50	0.50	21.000	393.50	Absolute	393.50	False	
130	MH-32	395.00	48.0	395.00	388.00	0.49	0.49	21.000	388.49	Absolute	388.49	False	
131	MH-30	375.00	48.0	375.00	368.00	0.50	0.50	21.000	368.50	Absolute	368.50	False	
132	MH-22	300.00	48.0	300.00	293.00	0.19	0.19	20.000	293.19	Absolute	293.19	False	
133	MH-20	205.00	48.0	205.00	198.00	0.19	0.19	21.000	198.19	Absolute	198.19	False	
134	MH-18	175.00	48.0	175.00	168.00	0.21	0.21	21.000	168.21	Absolute	168.21	False	
135	MH-14	165.00	48.0	165.00	158.00	0.19	0.19	22.000	158.19	Absolute	158.19	False	
136	MH-12	130.00	48.0	130.00	123.00	0.55	0.55	21.000	123.55	Absolute	123.55	False	
137	MH-24	160.00	48.0	160.00	153.00	0.52	0.52	21.000	153.52	Absolute	153.52	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.55	0.55	21.000	108.55	Absolute	108.55	False	
157	MH-102	500.00	48.0	500.00	493.00	0.11	0.11	20.000	493.11	Absolute	493.11	False	
158	MH-65	440.00	48.0	440.00	433.00	0.11	0.11	20.000	433.11	Absolute	433.11	False	
159	MH-64	420.00	48.0	420.00	413.00	0.40	0.40	21.000	413.40	Absolute	413.40	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.19	0.19	21.000	633.19	Absolute	633.19	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.51	0.51	21.000	273.51	Absolute	273.51	False	
200	MH-126	805.00	48.0	805.00	798.00	0.18	0.18	21.000	798.18	Absolute	798.18	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.36	0.36	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.18	0.18	21.000	718.18	Absolute	718.18	False	

Current Time: 42.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 42.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.32	0.32	21.000	598.32	Absolute	598.32	False	
45	MH-104	525.00	48.0	525.00	518.00	0.32	0.32	21.000	518.32	Absolute	518.32	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.23	0.23	21.000	613.23	Absolute	613.23	False	
56	MH-116	515.00	48.0	515.00	508.00	0.45	0.45	21.000	508.45	Absolute	508.45	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.34	0.34	21.000	508.34	Absolute	508.34	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.42	0.42	21.000	418.42	Absolute	418.42	False	
75	MH-62	450.00	48.0	450.00	443.00	0.11	0.11	20.000	443.11	Absolute	443.11	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.54	0.54	20.000	413.54	Absolute	413.54	False	
85	MH-50	325.00	48.0	325.00	318.00	0.41	0.41	20.000	318.41	Absolute	318.41	False	
87	MH-48	240.00	48.0	240.00	233.00	0.34	0.34	20.000	233.34	Absolute	233.34	False	
89	MH-26	235.00	48.0	235.00	228.00	0.53	0.53	21.000	228.53	Absolute	228.53	False	
92	MH-2	100.00	48.0	100.00	93.00	0.13	0.13	20.000	93.13	Absolute	93.13	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.13	0.13	20.000	168.13	Absolute	168.13	False	
98	MH-84	685.00	48.0	685.00	678.00	0.21	0.21	20.000	678.21	Absolute	678.21	False	
99	MH-82	655.00	48.0	655.00	648.00	0.31	0.31	21.000	648.31	Absolute	648.31	False	
100	MH-86	670.00	48.0	670.00	663.00	0.20	0.20	20.000	663.20	Absolute	663.20	False	
101	MH-80	600.00	48.0	600.00	593.00	0.38	0.38	21.000	593.38	Absolute	593.38	False	
102	MH-78	565.00	48.0	565.00	558.00	0.35	0.35	22.000	558.35	Absolute	558.35	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.22	0.22	21.000	543.22	Absolute	543.22	False	
105	MH-40	520.00	48.0	520.00	513.00	0.25	0.25	21.000	513.25	Absolute	513.25	False	
106	MH-38	500.00	48.0	500.00	493.00	0.48	0.48	21.000	493.48	Absolute	493.48	False	
109	MH-46	625.00	48.0	625.00	618.00	0.16	0.16	20.000	618.16	Absolute	618.16	False	
117	MH-88	505.00	48.0	505.00	498.00	0.36	0.36	21.000	498.36	Absolute	498.36	False	
118	MH-90	545.00	48.0	545.00	538.00	0.29	0.29	21.000	538.29	Absolute	538.29	False	
119	MH-92	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
120	MH-96	665.00	48.0	665.00	658.00	0.15	0.15	20.000	658.15	Absolute	658.15	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.50	0.50	21.000	448.50	Absolute	448.50	False	
129	MH-34	400.00	48.0	400.00	393.00	0.50	0.50	21.000	393.50	Absolute	393.50	False	
130	MH-32	395.00	48.0	395.00	388.00	0.49	0.49	21.000	388.49	Absolute	388.49	False	
131	MH-30	375.00	48.0	375.00	368.00	0.50	0.50	21.000	368.50	Absolute	368.50	False	
132	MH-22	300.00	48.0	300.00	293.00	0.22	0.22	20.000	293.22	Absolute	293.22	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.22	0.22	21.000	168.22	Absolute	168.22	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 42.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.19	0.19	22.000	158.19	Absolute	158.19	False	
136	MH-12	130.00	48.0	130.00	123.00	0.55	0.55	21.000	123.55	Absolute	123.55	False	
137	MH-24	160.00	48.0	160.00	153.00	0.53	0.53	21.000	153.53	Absolute	153.53	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.55	0.55	21.000	108.55	Absolute	108.55	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.23	0.23	20.000	433.23	Absolute	433.23	False	
159	MH-64	420.00	48.0	420.00	413.00	0.42	0.42	21.000	413.42	Absolute	413.42	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.33	0.33	21.000	578.33	Absolute	578.33	False	
187	MH-108	640.00	48.0	640.00	633.00	0.21	0.21	21.000	633.21	Absolute	633.21	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.52	0.52	21.000	273.52	Absolute	273.52	False	
200	MH-126	805.00	48.0	805.00	798.00	0.20	0.20	21.000	798.20	Absolute	798.20	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.37	0.37	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.18	0.18	21.000	718.18	Absolute	718.18	False	

Current Time: 43.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.16	0.16	21.000	673.16	Absolute	673.16	False	
43	MH-106	605.00	48.0	605.00	598.00	0.34	0.34	21.000	598.34	Absolute	598.34	False	
45	MH-104	525.00	48.0	525.00	518.00	0.34	0.34	21.000	518.34	Absolute	518.34	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.22	0.22	21.000	773.22	Absolute	773.22	False	
54	MH-120	620.00	48.0	620.00	613.00	0.25	0.25	21.000	613.25	Absolute	613.25	False	
56	MH-116	515.00	48.0	515.00	508.00	0.49	0.49	21.000	508.49	Absolute	508.49	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.44	0.44	21.000	418.44	Absolute	418.44	False	
75	MH-62	450.00	48.0	450.00	443.00	0.11	0.11	20.000	443.11	Absolute	443.11	False	
76	MH-58	395.00	48.0	395.00	388.00	0.11	0.11	21.000	388.11	Absolute	388.11	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.64	0.64	20.000	413.64	Absolute	413.64	False	
85	MH-50	325.00	48.0	325.00	318.00	0.66	0.66	20.000	318.66	Absolute	318.66	False	
87	MH-48	240.00	48.0	240.00	233.00	0.71	0.71	20.000	233.71	Absolute	233.71	False	
89	MH-26	235.00	48.0	235.00	228.00	0.82	0.82	21.000	228.82	Absolute	228.82	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 43.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.13	0.13	20.000	168.13	Absolute	168.13	False	
98	MH-84	685.00	48.0	685.00	678.00	0.21	0.21	20.000	678.21	Absolute	678.21	False	
99	MH-82	655.00	48.0	655.00	648.00	0.34	0.34	21.000	648.34	Absolute	648.34	False	
100	MH-86	670.00	48.0	670.00	663.00	0.20	0.20	20.000	663.20	Absolute	663.20	False	
101	MH-80	600.00	48.0	600.00	593.00	0.41	0.41	21.000	593.41	Absolute	593.41	False	
102	MH-78	565.00	48.0	565.00	558.00	0.41	0.41	22.000	558.41	Absolute	558.41	False	
103	MH-44	590.00	48.0	590.00	583.00	0.16	0.16	21.000	583.16	Absolute	583.16	False	
104	MH-42	550.00	48.0	550.00	543.00	0.24	0.24	21.000	543.24	Absolute	543.24	False	
105	MH-40	520.00	48.0	520.00	513.00	0.27	0.27	21.000	513.27	Absolute	513.27	False	
106	MH-38	500.00	48.0	500.00	493.00	0.55	0.55	21.000	493.55	Absolute	493.55	False	
109	MH-46	625.00	48.0	625.00	618.00	0.16	0.16	20.000	618.16	Absolute	618.16	False	
117	MH-88	505.00	48.0	505.00	498.00	0.39	0.39	21.000	498.39	Absolute	498.39	False	
118	MH-90	545.00	48.0	545.00	538.00	0.31	0.31	21.000	538.31	Absolute	538.31	False	
119	MH-92	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
120	MH-96	665.00	48.0	665.00	658.00	0.15	0.15	20.000	658.15	Absolute	658.15	False	
121	MH-94	605.00	48.0	605.00	598.00	0.15	0.15	21.000	598.15	Absolute	598.15	False	
128	MH-36	455.00	48.0	455.00	448.00	0.57	0.57	21.000	448.57	Absolute	448.57	False	
129	MH-34	400.00	48.0	400.00	393.00	0.57	0.57	21.000	393.57	Absolute	393.57	False	
130	MH-32	395.00	48.0	395.00	388.00	0.55	0.55	21.000	388.55	Absolute	388.55	False	
131	MH-30	375.00	48.0	375.00	368.00	0.56	0.56	21.000	368.56	Absolute	368.56	False	
132	MH-22	300.00	48.0	300.00	293.00	0.22	0.22	20.000	293.22	Absolute	293.22	False	
133	MH-20	205.00	48.0	205.00	198.00	0.22	0.22	21.000	198.22	Absolute	198.22	False	
134	MH-18	175.00	48.0	175.00	168.00	0.25	0.25	21.000	168.25	Absolute	168.25	False	
135	MH-14	165.00	48.0	165.00	158.00	0.22	0.22	22.000	158.22	Absolute	158.22	False	
136	MH-12	130.00	48.0	130.00	123.00	0.85	0.85	21.000	123.85	Absolute	123.85	False	
137	MH-24	160.00	48.0	160.00	153.00	0.82	0.82	21.000	153.82	Absolute	153.82	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.85	0.85	21.000	108.85	Absolute	108.85	False	
157	MH-102	500.00	48.0	500.00	493.00	0.52	0.52	20.000	493.52	Absolute	493.52	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.34	0.34	21.000	578.34	Absolute	578.34	False	
187	MH-108	640.00	48.0	640.00	633.00	0.22	0.22	21.000	633.22	Absolute	633.22	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.59	0.59	21.000	273.59	Absolute	273.59	False	
200	MH-126	805.00	48.0	805.00	798.00	0.20	0.20	21.000	798.20	Absolute	798.20	False	
203	MH-60	400.00	48.0	400.00	393.00	0.11	0.11	21.000	393.11	Absolute	393.11	False	
252	MH-68	473.55	48.0	473.55	466.55	0.38	0.38	21.000	466.92	Absolute	466.92	False	
260	MH-75	725.00	48.0	725.00	718.00	0.20	0.20	21.000	718.20	Absolute	718.20	False	

Current Time: 44.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 44.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.09	0.09	20.000	788.09	Absolute	788.09	False	
41	MH-110	680.00	48.0	680.00	673.00	0.18	0.18	21.000	673.18	Absolute	673.18	False	
43	MH-106	605.00	48.0	605.00	598.00	0.38	0.38	21.000	598.38	Absolute	598.38	False	
45	MH-104	525.00	48.0	525.00	518.00	0.35	0.35	21.000	518.35	Absolute	518.35	False	
47	MH-100	510.00	48.0	510.00	503.00	0.18	0.18	20.000	503.18	Absolute	503.18	False	
49	MH-128	840.00	48.0	840.00	833.00	0.07	0.07	20.000	833.07	Absolute	833.07	False	
50	MH-124	780.00	48.0	780.00	773.00	0.22	0.22	21.000	773.22	Absolute	773.22	False	
54	MH-120	620.00	48.0	620.00	613.00	0.25	0.25	21.000	613.25	Absolute	613.25	False	
56	MH-116	515.00	48.0	515.00	508.00	0.50	0.50	21.000	508.50	Absolute	508.50	False	
59	MH-74	625.00	48.0	625.00	618.00	0.32	0.32	20.000	618.32	Absolute	618.32	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.22	0.22	20.000	613.22	Absolute	613.22	False	
67	MH-66	425.00	48.0	425.00	418.00	0.44	0.44	21.000	418.44	Absolute	418.44	False	
75	MH-62	450.00	48.0	450.00	443.00	0.13	0.13	20.000	443.13	Absolute	443.13	False	
76	MH-58	395.00	48.0	395.00	388.00	0.11	0.11	21.000	388.11	Absolute	388.11	False	
80	MH-54	435.00	48.0	435.00	428.00	0.62	0.62	20.000	428.62	Absolute	428.62	False	
83	MH-52	420.00	48.0	420.00	413.00	0.65	0.65	20.000	413.65	Absolute	413.65	False	
85	MH-50	325.00	48.0	325.00	318.00	0.67	0.67	20.000	318.67	Absolute	318.67	False	
87	MH-48	240.00	48.0	240.00	233.00	0.72	0.72	20.000	233.72	Absolute	233.72	False	
89	MH-26	235.00	48.0	235.00	228.00	0.83	0.83	21.000	228.83	Absolute	228.83	False	
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.15	0.15	20.000	168.15	Absolute	168.15	False	
98	MH-84	685.00	48.0	685.00	678.00	0.25	0.25	20.000	678.25	Absolute	678.25	False	
99	MH-82	655.00	48.0	655.00	648.00	0.37	0.37	21.000	648.37	Absolute	648.37	False	
100	MH-86	670.00	48.0	670.00	663.00	0.24	0.24	20.000	663.24	Absolute	663.24	False	
101	MH-80	600.00	48.0	600.00	593.00	0.44	0.44	21.000	593.44	Absolute	593.44	False	
102	MH-78	565.00	48.0	565.00	558.00	0.41	0.41	22.000	558.41	Absolute	558.41	False	
103	MH-44	590.00	48.0	590.00	583.00	0.17	0.17	21.000	583.17	Absolute	583.17	False	
104	MH-42	550.00	48.0	550.00	543.00	0.26	0.26	21.000	543.26	Absolute	543.26	False	
105	MH-40	520.00	48.0	520.00	513.00	0.28	0.28	21.000	513.28	Absolute	513.28	False	
106	MH-38	500.00	48.0	500.00	493.00	0.55	0.55	21.000	493.55	Absolute	493.55	False	
109	MH-46	625.00	48.0	625.00	618.00	0.19	0.19	20.000	618.19	Absolute	618.19	False	
117	MH-88	505.00	48.0	505.00	498.00	0.43	0.43	21.000	498.43	Absolute	498.43	False	
118	MH-90	545.00	48.0	545.00	538.00	0.34	0.34	21.000	538.34	Absolute	538.34	False	
119	MH-92	585.00	48.0	585.00	578.00	0.27	0.27	21.000	578.27	Absolute	578.27	False	
120	MH-96	665.00	48.0	665.00	658.00	0.18	0.18	20.000	658.18	Absolute	658.18	False	
121	MH-94	605.00	48.0	605.00	598.00	0.16	0.16	21.000	598.16	Absolute	598.16	False	
128	MH-36	455.00	48.0	455.00	448.00	0.58	0.58	21.000	448.58	Absolute	448.58	False	
129	MH-34	400.00	48.0	400.00	393.00	0.57	0.57	21.000	393.57	Absolute	393.57	False	
130	MH-32	395.00	48.0	395.00	388.00	0.56	0.56	21.000	388.56	Absolute	388.56	False	
131	MH-30	375.00	48.0	375.00	368.00	0.57	0.57	21.000	368.57	Absolute	368.57	False	
132	MH-22	300.00	48.0	300.00	293.00	0.26	0.26	20.000	293.26	Absolute	293.26	False	
133	MH-20	205.00	48.0	205.00	198.00	0.23	0.23	21.000	198.23	Absolute	198.23	False	
134	MH-18	175.00	48.0	175.00	168.00	0.26	0.26	21.000	168.26	Absolute	168.26	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 44.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.22	0.22	22.000	158.22	Absolute	158.22	False	
136	MH-12	130.00	48.0	130.00	123.00	0.85	0.85	21.000	123.85	Absolute	123.85	False	
137	MH-24	160.00	48.0	160.00	153.00	0.83	0.83	21.000	153.83	Absolute	153.83	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.85	0.85	21.000	108.85	Absolute	108.85	False	
157	MH-102	500.00	48.0	500.00	493.00	0.53	0.53	20.000	493.53	Absolute	493.53	False	
158	MH-65	440.00	48.0	440.00	433.00	0.53	0.53	20.000	433.53	Absolute	433.53	False	
159	MH-64	420.00	48.0	420.00	413.00	0.65	0.65	21.000	413.65	Absolute	413.65	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.37	0.37	21.000	578.37	Absolute	578.37	False	
187	MH-108	640.00	48.0	640.00	633.00	0.24	0.24	21.000	633.24	Absolute	633.24	False	
190	MH-76	535.00	48.0	535.00	528.00	0.22	0.22	20.000	528.22	Absolute	528.22	False	
196	MH-28	280.00	48.0	280.00	273.00	0.60	0.60	21.000	273.60	Absolute	273.60	False	
200	MH-126	805.00	48.0	805.00	798.00	0.24	0.24	21.000	798.24	Absolute	798.24	False	
203	MH-60	400.00	48.0	400.00	393.00	0.11	0.11	21.000	393.11	Absolute	393.11	False	
252	MH-68	473.55	48.0	473.55	466.55	0.39	0.39	21.000	466.93	Absolute	466.93	False	
260	MH-75	725.00	48.0	725.00	718.00	0.20	0.20	21.000	718.20	Absolute	718.20	False	

Current Time: 45.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.09	0.09	20.000	788.09	Absolute	788.09	False	
41	MH-110	680.00	48.0	680.00	673.00	0.19	0.19	21.000	673.19	Absolute	673.19	False	
43	MH-106	605.00	48.0	605.00	598.00	0.40	0.40	21.000	598.40	Absolute	598.40	False	
45	MH-104	525.00	48.0	525.00	518.00	0.40	0.40	21.000	518.40	Absolute	518.40	False	
47	MH-100	510.00	48.0	510.00	503.00	0.18	0.18	20.000	503.18	Absolute	503.18	False	
49	MH-128	840.00	48.0	840.00	833.00	0.07	0.07	20.000	833.07	Absolute	833.07	False	
50	MH-124	780.00	48.0	780.00	773.00	0.26	0.26	21.000	773.26	Absolute	773.26	False	
54	MH-120	620.00	48.0	620.00	613.00	0.29	0.29	21.000	613.29	Absolute	613.29	False	
56	MH-116	515.00	48.0	515.00	508.00	0.57	0.57	21.000	508.57	Absolute	508.57	False	
59	MH-74	625.00	48.0	625.00	618.00	0.32	0.32	20.000	618.32	Absolute	618.32	False	
60	MH-72	529.00	48.0	529.00	522.00	0.37	0.37	21.000	522.37	Absolute	522.37	False	
62	MH-70	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
64	MH-75	620.00	48.0	620.00	613.00	0.22	0.22	20.000	613.22	Absolute	613.22	False	
67	MH-66	425.00	48.0	425.00	418.00	0.51	0.51	21.000	418.51	Absolute	418.51	False	
75	MH-62	450.00	48.0	450.00	443.00	0.13	0.13	20.000	443.13	Absolute	443.13	False	
76	MH-58	395.00	48.0	395.00	388.00	0.13	0.13	21.000	388.13	Absolute	388.13	False	
80	MH-54	435.00	48.0	435.00	428.00	0.09	0.09	20.000	428.09	Absolute	428.09	False	
83	MH-52	420.00	48.0	420.00	413.00	0.39	0.39	20.000	413.39	Absolute	413.39	False	
85	MH-50	325.00	48.0	325.00	318.00	0.58	0.58	20.000	318.58	Absolute	318.58	False	
87	MH-48	240.00	48.0	240.00	233.00	0.68	0.68	20.000	233.68	Absolute	233.68	False	
89	MH-26	235.00	48.0	235.00	228.00	0.92	0.92	21.000	228.92	Absolute	228.92	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 45.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.77	0.77	20.000	93.77	Absolute	93.77	False	
93	MH-4	105.00	48.0	105.00	98.00	0.13	0.13	20.000	98.13	Absolute	98.13	False	
94	MH-6	175.00	48.0	175.00	168.00	0.15	0.15	20.000	168.15	Absolute	168.15	False	
98	MH-84	685.00	48.0	685.00	678.00	0.25	0.25	20.000	678.25	Absolute	678.25	False	
99	MH-82	655.00	48.0	655.00	648.00	0.41	0.41	21.000	648.41	Absolute	648.41	False	
100	MH-86	670.00	48.0	670.00	663.00	0.24	0.24	20.000	663.24	Absolute	663.24	False	
101	MH-80	600.00	48.0	600.00	593.00	0.49	0.49	21.000	593.49	Absolute	593.49	False	
102	MH-78	565.00	48.0	565.00	558.00	0.49	0.49	22.000	558.49	Absolute	558.49	False	
103	MH-44	590.00	48.0	590.00	583.00	0.19	0.19	21.000	583.19	Absolute	583.19	False	
104	MH-42	550.00	48.0	550.00	543.00	0.29	0.29	21.000	543.29	Absolute	543.29	False	
105	MH-40	520.00	48.0	520.00	513.00	0.32	0.32	21.000	513.32	Absolute	513.32	False	
106	MH-38	500.00	48.0	500.00	493.00	0.67	0.67	21.000	493.67	Absolute	493.67	False	
109	MH-46	625.00	48.0	625.00	618.00	0.19	0.19	20.000	618.19	Absolute	618.19	False	
117	MH-88	505.00	48.0	505.00	498.00	0.49	0.49	21.000	498.49	Absolute	498.49	False	
118	MH-90	545.00	48.0	545.00	538.00	0.37	0.37	21.000	538.37	Absolute	538.37	False	
119	MH-92	585.00	48.0	585.00	578.00	0.29	0.29	21.000	578.29	Absolute	578.29	False	
120	MH-96	665.00	48.0	665.00	658.00	0.18	0.18	20.000	658.18	Absolute	658.18	False	
121	MH-94	605.00	48.0	605.00	598.00	0.18	0.18	21.000	598.18	Absolute	598.18	False	
128	MH-36	455.00	48.0	455.00	448.00	0.69	0.69	21.000	448.69	Absolute	448.69	False	
129	MH-34	400.00	48.0	400.00	393.00	0.69	0.69	21.000	393.69	Absolute	393.69	False	
130	MH-32	395.00	48.0	395.00	388.00	0.67	0.67	21.000	388.67	Absolute	388.67	False	
131	MH-30	375.00	48.0	375.00	368.00	0.68	0.68	21.000	368.68	Absolute	368.68	False	
132	MH-22	300.00	48.0	300.00	293.00	0.26	0.26	20.000	293.26	Absolute	293.26	False	
133	MH-20	205.00	48.0	205.00	198.00	0.26	0.26	21.000	198.26	Absolute	198.26	False	
134	MH-18	175.00	48.0	175.00	168.00	0.30	0.30	21.000	168.30	Absolute	168.30	False	
135	MH-14	165.00	48.0	165.00	158.00	0.27	0.27	22.000	158.27	Absolute	158.27	False	
136	MH-12	130.00	48.0	130.00	123.00	0.95	0.95	21.000	123.95	Absolute	123.95	False	
137	MH-24	160.00	48.0	160.00	153.00	0.92	0.92	21.000	153.92	Absolute	153.92	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.95	0.95	21.000	108.95	Absolute	108.95	False	
157	MH-102	500.00	48.0	500.00	493.00	0.16	0.16	20.000	493.16	Absolute	493.16	False	
158	MH-65	440.00	48.0	440.00	433.00	0.49	0.49	20.000	433.49	Absolute	433.49	False	
159	MH-64	420.00	48.0	420.00	413.00	0.68	0.68	21.000	413.68	Absolute	413.68	False	
173	MH-98	450.00	48.0	450.00	443.00	0.18	0.18	21.000	443.18	Absolute	443.18	False	
180	MH-112	750.00	48.0	750.00	743.00	0.09	0.09	21.000	743.09	Absolute	743.09	False	
183	MH-118	585.00	48.0	585.00	578.00	0.40	0.40	21.000	578.40	Absolute	578.40	False	
187	MH-108	640.00	48.0	640.00	633.00	0.26	0.26	21.000	633.26	Absolute	633.26	False	
190	MH-76	535.00	48.0	535.00	528.00	0.22	0.22	20.000	528.22	Absolute	528.22	False	
196	MH-28	280.00	48.0	280.00	273.00	0.71	0.71	21.000	273.71	Absolute	273.71	False	
200	MH-126	805.00	48.0	805.00	798.00	0.24	0.24	21.000	798.24	Absolute	798.24	False	
203	MH-60	400.00	48.0	400.00	393.00	0.13	0.13	21.000	393.13	Absolute	393.13	False	
252	MH-68	473.55	48.0	473.55	466.55	0.44	0.44	21.000	466.98	Absolute	466.98	False	
260	MH-75	725.00	48.0	725.00	718.00	0.25	0.25	21.000	718.25	Absolute	718.25	False	

Current Time: 46.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 46.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.16	0.16	21.000	673.16	Absolute	673.16	False	
43	MH-106	605.00	48.0	605.00	598.00	0.37	0.37	21.000	598.37	Absolute	598.37	False	
45	MH-104	525.00	48.0	525.00	518.00	0.40	0.40	21.000	518.40	Absolute	518.40	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.25	0.25	21.000	773.25	Absolute	773.25	False	
54	MH-120	620.00	48.0	620.00	613.00	0.27	0.27	21.000	613.27	Absolute	613.27	False	
56	MH-116	515.00	48.0	515.00	508.00	0.56	0.56	21.000	508.56	Absolute	508.56	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.36	0.36	21.000	522.36	Absolute	522.36	False	
62	MH-70	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.51	0.51	21.000	418.51	Absolute	418.51	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.13	0.13	21.000	388.13	Absolute	388.13	False	
80	MH-54	435.00	48.0	435.00	428.00	0.07	0.07	20.000	428.07	Absolute	428.07	False	
83	MH-52	420.00	48.0	420.00	413.00	0.18	0.18	20.000	413.18	Absolute	413.18	False	
85	MH-50	325.00	48.0	325.00	318.00	0.25	0.25	20.000	318.25	Absolute	318.25	False	
87	MH-48	240.00	48.0	240.00	233.00	0.29	0.29	20.000	233.29	Absolute	233.29	False	
89	MH-26	235.00	48.0	235.00	228.00	0.70	0.70	21.000	228.70	Absolute	228.70	False	
92	MH-2	100.00	48.0	100.00	93.00	0.11	0.11	20.000	93.11	Absolute	93.11	False	
93	MH-4	105.00	48.0	105.00	98.00	0.13	0.13	20.000	98.13	Absolute	98.13	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.19	0.19	20.000	678.19	Absolute	678.19	False	
99	MH-82	655.00	48.0	655.00	648.00	0.36	0.36	21.000	648.36	Absolute	648.36	False	
100	MH-86	670.00	48.0	670.00	663.00	0.18	0.18	20.000	663.18	Absolute	663.18	False	
101	MH-80	600.00	48.0	600.00	593.00	0.45	0.45	21.000	593.45	Absolute	593.45	False	
102	MH-78	565.00	48.0	565.00	558.00	0.49	0.49	22.000	558.49	Absolute	558.49	False	
103	MH-44	590.00	48.0	590.00	583.00	0.18	0.18	21.000	583.18	Absolute	583.18	False	
104	MH-42	550.00	48.0	550.00	543.00	0.25	0.25	21.000	543.25	Absolute	543.25	False	
105	MH-40	520.00	48.0	520.00	513.00	0.31	0.31	21.000	513.31	Absolute	513.31	False	
106	MH-38	500.00	48.0	500.00	493.00	0.66	0.66	21.000	493.66	Absolute	493.66	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.44	0.44	21.000	498.44	Absolute	498.44	False	
118	MH-90	545.00	48.0	545.00	538.00	0.33	0.33	21.000	538.33	Absolute	538.33	False	
119	MH-92	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.17	0.17	21.000	598.17	Absolute	598.17	False	
128	MH-36	455.00	48.0	455.00	448.00	0.68	0.68	21.000	448.68	Absolute	448.68	False	
129	MH-34	400.00	48.0	400.00	393.00	0.69	0.69	21.000	393.69	Absolute	393.69	False	
130	MH-32	395.00	48.0	395.00	388.00	0.66	0.66	21.000	388.66	Absolute	388.66	False	
131	MH-30	375.00	48.0	375.00	368.00	0.67	0.67	21.000	368.67	Absolute	368.67	False	
132	MH-22	300.00	48.0	300.00	293.00	0.20	0.20	20.000	293.20	Absolute	293.20	False	
133	MH-20	205.00	48.0	205.00	198.00	0.25	0.25	21.000	198.25	Absolute	198.25	False	
134	MH-18	175.00	48.0	175.00	168.00	0.28	0.28	21.000	168.28	Absolute	168.28	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 46.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.27	0.27	22.000	158.27	Absolute	158.27	False	
136	MH-12	130.00	48.0	130.00	123.00	0.75	0.75	21.000	123.75	Absolute	123.75	False	
137	MH-24	160.00	48.0	160.00	153.00	0.71	0.71	21.000	153.71	Absolute	153.71	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.75	0.75	21.000	108.75	Absolute	108.75	False	
157	MH-102	500.00	48.0	500.00	493.00	0.12	0.12	20.000	493.12	Absolute	493.12	False	
158	MH-65	440.00	48.0	440.00	433.00	0.15	0.15	20.000	433.15	Absolute	433.15	False	
159	MH-64	420.00	48.0	420.00	413.00	0.47	0.47	21.000	413.47	Absolute	413.47	False	
173	MH-98	450.00	48.0	450.00	443.00	0.18	0.18	21.000	443.18	Absolute	443.18	False	
180	MH-112	750.00	48.0	750.00	743.00	0.09	0.09	21.000	743.09	Absolute	743.09	False	
183	MH-118	585.00	48.0	585.00	578.00	0.35	0.35	21.000	578.35	Absolute	578.35	False	
187	MH-108	640.00	48.0	640.00	633.00	0.23	0.23	21.000	633.23	Absolute	633.23	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.69	0.69	21.000	273.69	Absolute	273.69	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.12	0.12	21.000	393.12	Absolute	393.12	False	
252	MH-68	473.55	48.0	473.55	466.55	0.43	0.43	21.000	466.97	Absolute	466.97	False	
260	MH-75	725.00	48.0	725.00	718.00	0.25	0.25	21.000	718.25	Absolute	718.25	False	

Current Time: 47.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.33	0.33	21.000	598.33	Absolute	598.33	False	
45	MH-104	525.00	48.0	525.00	518.00	0.33	0.33	21.000	518.33	Absolute	518.33	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.20	0.20	21.000	773.20	Absolute	773.20	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.46	0.46	21.000	508.46	Absolute	508.46	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.43	0.43	21.000	418.43	Absolute	418.43	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.07	0.07	20.000	428.07	Absolute	428.07	False	
83	MH-52	420.00	48.0	420.00	413.00	0.17	0.17	20.000	413.17	Absolute	413.17	False	
85	MH-50	325.00	48.0	325.00	318.00	0.23	0.23	20.000	318.23	Absolute	318.23	False	
87	MH-48	240.00	48.0	240.00	233.00	0.25	0.25	20.000	233.25	Absolute	233.25	False	
89	MH-26	235.00	48.0	235.00	228.00	0.55	0.55	21.000	228.55	Absolute	228.55	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 47.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.09	0.09	20.000	93.09	Absolute	93.09	False	
93	MH-4	105.00	48.0	105.00	98.00	0.10	0.10	20.000	98.10	Absolute	98.10	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.19	0.19	20.000	678.19	Absolute	678.19	False	
99	MH-82	655.00	48.0	655.00	648.00	0.31	0.31	21.000	648.31	Absolute	648.31	False	
100	MH-86	670.00	48.0	670.00	663.00	0.18	0.18	20.000	663.18	Absolute	663.18	False	
101	MH-80	600.00	48.0	600.00	593.00	0.38	0.38	21.000	593.38	Absolute	593.38	False	
102	MH-78	565.00	48.0	565.00	558.00	0.38	0.38	22.000	558.38	Absolute	558.38	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.22	0.22	21.000	543.22	Absolute	543.22	False	
105	MH-40	520.00	48.0	520.00	513.00	0.26	0.26	21.000	513.26	Absolute	513.26	False	
106	MH-38	500.00	48.0	500.00	493.00	0.51	0.51	21.000	493.51	Absolute	493.51	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.36	0.36	21.000	498.36	Absolute	498.36	False	
118	MH-90	545.00	48.0	545.00	538.00	0.28	0.28	21.000	538.28	Absolute	538.28	False	
119	MH-92	585.00	48.0	585.00	578.00	0.22	0.22	21.000	578.22	Absolute	578.22	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.53	0.53	21.000	448.53	Absolute	448.53	False	
129	MH-34	400.00	48.0	400.00	393.00	0.53	0.53	21.000	393.53	Absolute	393.53	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.20	0.20	20.000	293.20	Absolute	293.20	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.23	0.23	21.000	168.23	Absolute	168.23	False	
135	MH-14	165.00	48.0	165.00	158.00	0.20	0.20	22.000	158.20	Absolute	158.20	False	
136	MH-12	130.00	48.0	130.00	123.00	0.59	0.59	21.000	123.59	Absolute	123.59	False	
137	MH-24	160.00	48.0	160.00	153.00	0.56	0.56	21.000	153.56	Absolute	153.56	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.59	0.59	21.000	108.59	Absolute	108.59	False	
157	MH-102	500.00	48.0	500.00	493.00	0.12	0.12	20.000	493.12	Absolute	493.12	False	
158	MH-65	440.00	48.0	440.00	433.00	0.12	0.12	20.000	433.12	Absolute	433.12	False	
159	MH-64	420.00	48.0	420.00	413.00	0.41	0.41	21.000	413.41	Absolute	413.41	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.20	0.20	21.000	633.20	Absolute	633.20	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.55	0.55	21.000	273.55	Absolute	273.55	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.38	0.38	21.000	466.93	Absolute	466.93	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 48.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 48.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.10	0.10	21.000	673.10	Absolute	673.10	False	
43	MH-106	605.00	48.0	605.00	598.00	0.28	0.28	21.000	598.28	Absolute	598.28	False	
45	MH-104	525.00	48.0	525.00	518.00	0.32	0.32	21.000	518.32	Absolute	518.32	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.20	0.20	21.000	613.20	Absolute	613.20	False	
56	MH-116	515.00	48.0	515.00	508.00	0.44	0.44	21.000	508.44	Absolute	508.44	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.34	0.34	21.000	508.34	Absolute	508.34	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.43	0.43	21.000	418.43	Absolute	418.43	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.61	0.61	20.000	428.61	Absolute	428.61	False	
83	MH-52	420.00	48.0	420.00	413.00	0.53	0.53	20.000	413.53	Absolute	413.53	False	
85	MH-50	325.00	48.0	325.00	318.00	0.38	0.38	20.000	318.38	Absolute	318.38	False	
87	MH-48	240.00	48.0	240.00	233.00	0.32	0.32	20.000	233.32	Absolute	233.32	False	
89	MH-26	235.00	48.0	235.00	228.00	0.54	0.54	21.000	228.54	Absolute	228.54	False	
92	MH-2	100.00	48.0	100.00	93.00	0.13	0.13	20.000	93.13	Absolute	93.13	False	
93	MH-4	105.00	48.0	105.00	98.00	0.81	0.81	20.000	98.81	Absolute	98.81	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.25	0.25	21.000	648.25	Absolute	648.25	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.32	0.32	21.000	593.32	Absolute	593.32	False	
102	MH-78	565.00	48.0	565.00	558.00	0.38	0.38	22.000	558.38	Absolute	558.38	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.51	0.51	21.000	493.51	Absolute	493.51	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.30	0.30	21.000	498.30	Absolute	498.30	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.13	0.13	21.000	598.13	Absolute	598.13	False	
128	MH-36	455.00	48.0	455.00	448.00	0.51	0.51	21.000	448.51	Absolute	448.51	False	
129	MH-34	400.00	48.0	400.00	393.00	0.52	0.52	21.000	393.52	Absolute	393.52	False	
130	MH-32	395.00	48.0	395.00	388.00	0.50	0.50	21.000	388.50	Absolute	388.50	False	
131	MH-30	375.00	48.0	375.00	368.00	0.52	0.52	21.000	368.52	Absolute	368.52	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.18	0.18	21.000	198.18	Absolute	198.18	False	
134	MH-18	175.00	48.0	175.00	168.00	0.21	0.21	21.000	168.21	Absolute	168.21	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 48.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.20	0.20	22.000	158.20	Absolute	158.20	False	
136	MH-12	130.00	48.0	130.00	123.00	0.58	0.58	21.000	123.58	Absolute	123.58	False	
137	MH-24	160.00	48.0	160.00	153.00	0.54	0.54	21.000	153.54	Absolute	153.54	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.58	0.58	21.000	108.58	Absolute	108.58	False	
157	MH-102	500.00	48.0	500.00	493.00	0.51	0.51	20.000	493.51	Absolute	493.51	False	
158	MH-65	440.00	48.0	440.00	433.00	0.23	0.23	20.000	433.23	Absolute	433.23	False	
159	MH-64	420.00	48.0	420.00	413.00	0.41	0.41	21.000	413.41	Absolute	413.41	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.53	0.53	21.000	273.53	Absolute	273.53	False	
200	MH-126	805.00	48.0	805.00	798.00	0.11	0.11	21.000	798.11	Absolute	798.11	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.37	0.37	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Outfall Tables - Pumping @ 150% of Average Inflow

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	17.86	Free Outfall	8.06	
167	O-3	90.00	True	83.00	2.20	Free Outfall	83.02	
170	O-2	350.00	True	343.00	25.81	Free Outfall	343.08	
250	O-1	462.00	True	455.00	20.76	Free Outfall	455.06	

Current Time: 1.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,132.78	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,559.99	Free Outfall	83.34	
170	O-2	350.00	True	343.00	1,050.86	Free Outfall	343.33	
250	O-1	462.00	True	455.00	224.09	Free Outfall	455.15	

Current Time: 2.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,132.80	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,578.16	Free Outfall	83.34	
170	O-2	350.00	True	343.00	1,045.76	Free Outfall	343.33	
250	O-1	462.00	True	455.00	210.88	Free Outfall	455.15	

Current Time: 3.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,109.45	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,324.51	Free Outfall	83.32	
170	O-2	350.00	True	343.00	823.60	Free Outfall	343.29	
250	O-1	462.00	True	455.00	81.91	Free Outfall	455.09	

Current Time: 4.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	3.30	Free Outfall	8.02	
167	O-3	90.00	True	83.00	155.03	Free Outfall	83.11	
170	O-2	350.00	True	343.00	112.19	Free Outfall	343.11	
250	O-1	462.00	True	455.00	84.19	Free Outfall	455.10	

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 5.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	6.59	Free Outfall	8.03	
167	O-3	90.00	True	83.00	270.88	Free Outfall	83.15	
170	O-2	350.00	True	343.00	123.19	Free Outfall	343.12	
250	O-1	462.00	True	455.00	117.85	Free Outfall	455.11	

Current Time: 6.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	24.46	Free Outfall	8.07	
167	O-3	90.00	True	83.00	283.92	Free Outfall	83.15	
170	O-2	350.00	True	343.00	164.41	Free Outfall	343.15	
250	O-1	462.00	True	455.00	141.16	Free Outfall	455.12	

Current Time: 7.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,155.84	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,360.43	Free Outfall	83.42	
170	O-2	350.00	True	343.00	1,056.50	Free Outfall	343.33	
250	O-1	462.00	True	455.00	436.13	Free Outfall	455.21	

Current Time: 8.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,155.90	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,413.73	Free Outfall	83.42	
170	O-2	350.00	True	343.00	1,047.44	Free Outfall	343.33	
250	O-1	462.00	True	455.00	439.67	Free Outfall	455.21	

Current Time: 9.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,128.16	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,131.80	Free Outfall	83.40	
170	O-2	350.00	True	343.00	1,199.03	Free Outfall	343.35	
250	O-1	462.00	True	455.00	418.35	Free Outfall	455.21	

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	22.00	Free Outfall	8.05	
167	O-3	90.00	True	83.00	950.55	Free Outfall	83.27	
170	O-2	350.00	True	343.00	477.31	Free Outfall	343.22	
250	O-1	462.00	True	455.00	406.40	Free Outfall	455.20	

Current Time: 11.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	14.32	Free Outfall	8.04	
167	O-3	90.00	True	83.00	639.83	Free Outfall	83.22	
170	O-2	350.00	True	343.00	328.70	Free Outfall	343.19	
250	O-1	462.00	True	455.00	282.11	Free Outfall	455.17	

Current Time: 12.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	32.16	Free Outfall	8.07	
167	O-3	90.00	True	83.00	623.38	Free Outfall	83.22	
170	O-2	350.00	True	343.00	348.27	Free Outfall	343.20	
250	O-1	462.00	True	455.00	285.85	Free Outfall	455.17	

Current Time: 13.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,140.50	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,868.70	Free Outfall	83.37	
170	O-2	350.00	True	343.00	1,106.65	Free Outfall	343.34	
250	O-1	462.00	True	455.00	333.19	Free Outfall	455.19	

Current Time: 14.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,140.50	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,874.31	Free Outfall	83.37	
170	O-2	350.00	True	343.00	1,109.76	Free Outfall	343.34	
250	O-1	462.00	True	455.00	336.98	Free Outfall	455.19	

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 15.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,125.93	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,995.21	Free Outfall	83.39	
170	O-2	350.00	True	343.00	1,122.75	Free Outfall	343.34	
250	O-1	462.00	True	455.00	385.92	Free Outfall	455.20	

Current Time: 16.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	19.80	Free Outfall	8.05	
167	O-3	90.00	True	83.00	846.01	Free Outfall	83.25	
170	O-2	350.00	True	343.00	414.51	Free Outfall	343.21	
250	O-1	462.00	True	455.00	395.84	Free Outfall	455.20	

Current Time: 17.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	26.39	Free Outfall	8.05	
167	O-3	90.00	True	83.00	1,105.99	Free Outfall	83.29	
170	O-2	350.00	True	343.00	528.20	Free Outfall	343.23	
250	O-1	462.00	True	455.00	508.14	Free Outfall	455.23	

Current Time: 18.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	44.26	Free Outfall	8.08	
167	O-3	90.00	True	83.00	1,122.38	Free Outfall	83.29	
170	O-2	350.00	True	343.00	553.37	Free Outfall	343.25	
250	O-1	462.00	True	455.00	514.70	Free Outfall	455.23	

Current Time: 19.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,158.52	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,575.25	Free Outfall	83.44	
170	O-2	350.00	True	343.00	1,315.71	Free Outfall	343.37	
250	O-1	462.00	True	455.00	592.16	Free Outfall	455.25	

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,158.54	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,596.73	Free Outfall	83.44	
170	O-2	350.00	True	343.00	1,330.36	Free Outfall	343.37	
250	O-1	462.00	True	455.00	610.15	Free Outfall	455.25	

Current Time: 21.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,156.26	Free Outfall	8.42	
167	O-3	90.00	True	83.00	3,190.55	Free Outfall	83.49	
170	O-2	350.00	True	343.00	1,499.54	Free Outfall	343.39	
250	O-1	462.00	True	455.00	812.55	Free Outfall	455.29	

Current Time: 22.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	50.16	Free Outfall	8.07	
167	O-3	90.00	True	83.00	2,062.09	Free Outfall	83.39	
170	O-2	350.00	True	343.00	766.04	Free Outfall	343.27	
250	O-1	462.00	True	455.00	790.78	Free Outfall	455.28	

Current Time: 23.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	29.75	Free Outfall	8.06	
167	O-3	90.00	True	83.00	1,299.40	Free Outfall	83.31	
170	O-2	350.00	True	343.00	559.30	Free Outfall	343.24	
250	O-1	462.00	True	455.00	524.11	Free Outfall	455.23	

Current Time: 24.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	47.56	Free Outfall	8.08	
167	O-3	90.00	True	83.00	1,249.66	Free Outfall	83.31	
170	O-2	350.00	True	343.00	557.15	Free Outfall	343.24	
250	O-1	462.00	True	455.00	500.59	Free Outfall	455.23	

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 25.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,132.85	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,625.43	Free Outfall	83.35	
170	O-2	350.00	True	343.00	1,051.06	Free Outfall	343.33	
250	O-1	462.00	True	455.00	224.77	Free Outfall	455.15	

Current Time: 26.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,132.80	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,578.19	Free Outfall	83.34	
170	O-2	350.00	True	343.00	1,045.76	Free Outfall	343.33	
250	O-1	462.00	True	455.00	210.88	Free Outfall	455.15	

Current Time: 27.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,109.45	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,324.51	Free Outfall	83.32	
170	O-2	350.00	True	343.00	823.60	Free Outfall	343.29	
250	O-1	462.00	True	455.00	81.91	Free Outfall	455.09	

Current Time: 28.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	3.30	Free Outfall	8.02	
167	O-3	90.00	True	83.00	155.03	Free Outfall	83.11	
170	O-2	350.00	True	343.00	112.19	Free Outfall	343.11	
250	O-1	462.00	True	455.00	84.19	Free Outfall	455.10	

Current Time: 29.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	6.59	Free Outfall	8.03	
167	O-3	90.00	True	83.00	270.88	Free Outfall	83.15	
170	O-2	350.00	True	343.00	123.19	Free Outfall	343.12	
250	O-1	462.00	True	455.00	117.85	Free Outfall	455.11	

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	24.46	Free Outfall	8.07	
167	O-3	90.00	True	83.00	283.92	Free Outfall	83.15	
170	O-2	350.00	True	343.00	164.41	Free Outfall	343.15	
250	O-1	462.00	True	455.00	141.16	Free Outfall	455.12	

Current Time: 31.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,155.84	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,360.43	Free Outfall	83.42	
170	O-2	350.00	True	343.00	1,056.50	Free Outfall	343.33	
250	O-1	462.00	True	455.00	436.13	Free Outfall	455.21	

Current Time: 32.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,155.90	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,413.73	Free Outfall	83.42	
170	O-2	350.00	True	343.00	1,047.44	Free Outfall	343.33	
250	O-1	462.00	True	455.00	439.67	Free Outfall	455.21	

Current Time: 33.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,128.16	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,131.80	Free Outfall	83.40	
170	O-2	350.00	True	343.00	1,199.03	Free Outfall	343.35	
250	O-1	462.00	True	455.00	418.35	Free Outfall	455.21	

Current Time: 34.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	22.00	Free Outfall	8.05	
167	O-3	90.00	True	83.00	950.55	Free Outfall	83.27	
170	O-2	350.00	True	343.00	477.31	Free Outfall	343.22	
250	O-1	462.00	True	455.00	406.40	Free Outfall	455.20	

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 35.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	14.32	Free Outfall	8.04	
167	O-3	90.00	True	83.00	639.83	Free Outfall	83.22	
170	O-2	350.00	True	343.00	328.70	Free Outfall	343.19	
250	O-1	462.00	True	455.00	282.11	Free Outfall	455.17	

Current Time: 36.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	32.16	Free Outfall	8.07	
167	O-3	90.00	True	83.00	623.38	Free Outfall	83.22	
170	O-2	350.00	True	343.00	348.27	Free Outfall	343.20	
250	O-1	462.00	True	455.00	285.85	Free Outfall	455.17	

Current Time: 37.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,140.50	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,868.70	Free Outfall	83.37	
170	O-2	350.00	True	343.00	1,106.65	Free Outfall	343.34	
250	O-1	462.00	True	455.00	333.19	Free Outfall	455.19	

Current Time: 38.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,140.50	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,874.31	Free Outfall	83.37	
170	O-2	350.00	True	343.00	1,109.76	Free Outfall	343.34	
250	O-1	462.00	True	455.00	336.98	Free Outfall	455.19	

Current Time: 39.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,125.93	Free Outfall	8.42	
167	O-3	90.00	True	83.00	1,995.21	Free Outfall	83.39	
170	O-2	350.00	True	343.00	1,122.75	Free Outfall	343.34	
250	O-1	462.00	True	455.00	385.92	Free Outfall	455.20	

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	19.80	Free Outfall	8.05	
167	O-3	90.00	True	83.00	846.01	Free Outfall	83.25	
170	O-2	350.00	True	343.00	414.51	Free Outfall	343.21	
250	O-1	462.00	True	455.00	395.84	Free Outfall	455.20	

Current Time: 41.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	26.39	Free Outfall	8.05	
167	O-3	90.00	True	83.00	1,105.99	Free Outfall	83.29	
170	O-2	350.00	True	343.00	528.20	Free Outfall	343.23	
250	O-1	462.00	True	455.00	508.14	Free Outfall	455.23	

Current Time: 42.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	44.26	Free Outfall	8.08	
167	O-3	90.00	True	83.00	1,122.38	Free Outfall	83.29	
170	O-2	350.00	True	343.00	553.37	Free Outfall	343.25	
250	O-1	462.00	True	455.00	514.70	Free Outfall	455.23	

Current Time: 43.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,158.52	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,575.25	Free Outfall	83.44	
170	O-2	350.00	True	343.00	1,315.71	Free Outfall	343.37	
250	O-1	462.00	True	455.00	592.16	Free Outfall	455.25	

Current Time: 44.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,158.54	Free Outfall	8.42	
167	O-3	90.00	True	83.00	2,596.73	Free Outfall	83.44	
170	O-2	350.00	True	343.00	1,330.36	Free Outfall	343.37	
250	O-1	462.00	True	455.00	610.15	Free Outfall	455.25	

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 45.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,156.26	Free Outfall	8.42	
167	O-3	90.00	True	83.00	3,190.55	Free Outfall	83.49	
170	O-2	350.00	True	343.00	1,499.54	Free Outfall	343.39	
250	O-1	462.00	True	455.00	812.55	Free Outfall	455.29	

Current Time: 46.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	50.16	Free Outfall	8.07	
167	O-3	90.00	True	83.00	2,062.09	Free Outfall	83.39	
170	O-2	350.00	True	343.00	766.04	Free Outfall	343.27	
250	O-1	462.00	True	455.00	790.78	Free Outfall	455.28	

Current Time: 47.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	29.75	Free Outfall	8.06	
167	O-3	90.00	True	83.00	1,299.40	Free Outfall	83.31	
170	O-2	350.00	True	343.00	559.30	Free Outfall	343.24	
250	O-1	462.00	True	455.00	524.11	Free Outfall	455.23	

Current Time: 48.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	47.56	Free Outfall	8.08	
167	O-3	90.00	True	83.00	1,249.66	Free Outfall	83.31	
170	O-2	350.00	True	343.00	557.15	Free Outfall	343.24	
250	O-1	462.00	True	455.00	500.59	Free Outfall	455.23	

Conduit Tables - Pumping @ 200% of Average Inflow

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	106.16	21.000	2.19	4.52	0.17	15.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	3.45	21.000	0.92	1.54	0.03	4.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	4.96	0.17	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	18.73	21.000	1.38	2.57	0.07	6.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	4.12	0.12	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,548.40	20.000	4.20	7.22	0.59	31.5	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,176.36	20.000	3.85	9.04	0.47	22.1	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	577.91	20.000	3.13	7.15	0.33	15.9	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	286.03	20.000	2.38	2.58	0.30	20.9	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,832.00	20.000	4.33	4.67	0.92	47.2	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	1.31	0.11	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	1.16	0.11	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	2.44	0.07	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	5.22	21.000	1.02	0.45	0.07	5.3	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	16.00	21.000	1.37	0.83	0.10	10.2	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	36.00	21.000	1.64	2.02	0.11	12.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	35.60	21.000	1.59	1.37	0.12	7.5	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	43.49	21.000	1.67	2.41	0.11	9.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	0.00	22.000	0.00	0.00	0.02	(N/A)	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	2.58	0.06	7.0	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	3.22	21.000	0.90	0.24	0.07	4.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	19.51	21.000	1.44	1.21	0.10	9.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	24.86	21.000	1.54	1.25	0.11	10.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	25.53	21.000	1.13	1.50	0.11	14.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	4.00	21.000	0.89	0.30	0.05	2.2	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	16.94	21.000	1.28	2.23	0.06	4.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	7.32	21.000	0.99	0.57	0.06	4.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	17.72	21.000	1.26	0.88	0.08	3.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	3.41	0.09	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	5.52	21.000	1.04	0.76	0.06	5.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	8.35	21.000	1.15	1.17	0.06	9.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	0.00	22.000	0.00	0.00	0.02	(N/A)	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	45.87	21.000	1.54	3.31	0.09	3.2	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	33.49	21.000	1.41	1.85	0.09	3.9	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	6.85	21.000	0.94	1.12	0.04	1.9	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	989.20	20.000	3.84	7.23	0.48	29.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	223.77	20.000	2.49	3.74	0.24	16.6	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	10.48	21.000	0.99	0.25	0.12	6.9	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	259.22	20.000	2.40	5.26	0.21	7.6	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	3.61	21.000	0.80	1.53	0.03	1.0	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	103.20	21.000	1.97	4.01	0.14	7.3	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	0.00	21.000	0.00	0.00	0.00	(N/A)	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	3.29	0.10	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	1.42	21.000	0.71	0.15	0.05	2.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	1.55	0.03	3.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	0.00	21.000	0.00	0.00	0.03	(N/A)	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	17.40	21.000	1.32	0.73	0.10	5.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	38.97	21.000	1.62	3.17	0.10	7.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	21.92	21.000	1.44	1.34	0.10	10.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	10.80	21.000	1.24	1.03	0.07	8.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	15.60	21.000	1.31	0.32	0.14	6.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	1.87	0.16	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.00	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	28.49	21.000	1.42	1.18	0.10	3.6	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	36.61	21.000	1.51	1.42	0.11	4.3	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.14	0.06	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	20.00	21.000	1.45	2.13	0.08	11.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	2.13	0.04	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	1.64	21.000	0.69	0.76	0.03	4.3	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	26.55	21.000	1.47	3.44	0.08	5.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	15.96	21.000	1.29	0.64	0.10	5.5	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	40.85	21.000	1.64	2.83	0.10	8.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	0.09	21.000	0.37	0.01	0.04	0.6	31.9

Current Time: 1.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	130.95	21.000	2.33	4.81	0.19	16.8	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	25.20	21.000	1.54	2.78	0.09	10.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	1.85	0.24	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	153.99	21.000	2.43	2.14	0.27	18.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	0.80	0.22	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,548.40	20.000	4.20	4.12	0.71	31.5	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,593.17	20.000	4.24	4.20	0.72	25.7	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,613.87	20.000	4.26	3.84	0.75	26.4	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,615.47	20.000	3.84	4.24	0.76	52.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,840.79	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	0.77	0.13	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	0.68	0.13	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	2.44	0.07	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	14.00	21.000	1.32	0.75	0.10	8.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	30.00	21.000	1.62	1.00	0.14	13.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	66.00	21.000	1.92	0.89	0.22	16.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	74.20	21.000	1.93	1.47	0.18	10.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	107.60	21.000	2.13	3.16	0.18	15.3	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 1.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	107.60	22.000	2.13	1.30	0.24	13.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	2.58	0.06	7.0	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	12.40	21.000	1.29	0.65	0.10	8.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	31.00	21.000	1.63	1.16	0.14	11.9	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	49.60	21.000	1.85	1.34	0.17	14.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	62.00	21.000	1.47	0.84	0.24	22.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	239.35	21.000	2.54	2.43	0.29	15.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	254.79	21.000	2.58	5.07	0.24	14.7	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	254.54	21.000	2.58	2.87	0.28	21.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	268.00	21.000	2.53	2.41	0.29	13.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	3.41	0.09	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	25.60	21.000	1.55	1.30	0.12	11.4	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	32.40	21.000	1.65	1.75	0.12	17.5	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	32.40	22.000	1.55	0.12	0.42	6.9	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,923.83	21.000	4.15	4.15	0.73	19.1	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,925.36	21.000	4.15	4.11	0.73	27.1	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,955.09	21.000	4.17	6.13	0.64	27.7	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	989.20	20.000	3.84	7.23	0.48	29.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	989.20	20.000	3.84	3.46	0.62	35.1	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	281.32	21.000	2.62	1.17	0.49	34.4	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,840.79	20.000	4.68	10.74	0.69	24.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,948.81	21.000	4.17	10.36	0.56	19.1	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,288.52	21.000	3.96	8.51	0.51	24.6	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	6.40	21.000	1.08	1.55	0.05	6.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	3.29	0.10	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	37.13	21.000	1.65	0.39	0.23	10.5	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	1.55	0.03	3.6	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.80	21.000	0.87	0.27	0.06	3.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	42.60	21.000	1.66	1.08	0.15	8.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	76.20	21.000	1.94	0.89	0.23	10.5	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	130.92	21.000	2.33	1.70	0.26	25.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	13.60	21.000	1.31	0.82	0.09	9.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	29.18	21.000	1.55	0.52	0.17	8.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	0.95	0.21	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	287.00	21.000	2.58	2.46	0.30	10.7	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	306.86	21.000	2.63	0.81	0.52	11.8	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.14	0.07	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	22.00	21.000	1.49	1.35	0.10	11.5	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	1.04	0.05	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	6.40	21.000	1.04	1.08	0.05	8.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	224.13	21.000	2.60	6.57	0.22	15.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	203.58	21.000	2.53	2.25	0.29	18.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	240.48	21.000	2.66	2.24	0.32	20.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	25.20	21.000	1.49	1.09	0.11	7.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 2.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	60.40	21.000	1.88	1.17	0.19	11.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	23.05	21.000	1.51	2.71	0.09	10.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	0.65	0.18	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	141.50	21.000	2.37	2.04	0.26	18.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.28	0.18	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,545.65	20.000	4.20	4.17	0.71	31.5	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,561.69	20.000	4.21	4.17	0.71	25.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,586.02	20.000	4.23	3.80	0.75	26.1	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,600.77	20.000	3.83	4.22	0.75	52.1	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,840.80	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	3.30	20.000	0.90	0.02	0.35	4.2	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	8.85	20.000	1.17	0.37	0.10	7.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	7.80	20.000	1.14	0.33	0.10	7.3	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	5.25	20.000	1.03	0.61	0.06	5.0	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	10.74	21.000	1.24	0.78	0.08	7.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	20.00	21.000	1.45	0.92	0.11	11.4	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	42.00	21.000	1.71	0.57	0.21	13.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	51.95	21.000	1.75	1.27	0.16	9.0	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	80.42	21.000	1.96	1.59	0.19	13.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	107.60	22.000	2.13	1.31	0.24	13.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	4.65	20.000	1.00	0.55	0.06	4.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	10.39	21.000	1.22	0.79	0.08	7.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	18.81	21.000	1.43	0.92	0.11	9.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	34.06	21.000	1.67	1.14	0.14	12.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	46.04	21.000	1.35	0.63	0.22	19.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	237.10	21.000	2.53	2.48	0.29	15.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	244.61	21.000	2.55	2.51	0.29	14.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	250.62	21.000	2.57	2.86	0.28	21.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	257.92	21.000	2.51	2.42	0.28	13.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	9.60	20.000	1.20	0.64	0.08	6.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	22.15	21.000	1.48	1.28	0.11	10.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	27.18	21.000	1.57	1.66	0.11	16.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	32.40	22.000	1.55	0.12	0.42	6.9	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,908.19	21.000	4.14	4.13	0.72	19.1	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,915.67	21.000	4.15	4.08	0.73	27.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,962.01	21.000	4.18	4.18	0.73	27.8	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	980.95	20.000	3.83	3.82	0.59	29.5	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	987.33	20.000	3.84	3.48	0.62	35.1	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	275.57	21.000	2.60	1.16	0.49	34.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,840.80	20.000	4.68	10.74	0.69	24.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,963.68	21.000	4.18	10.39	0.56	19.2	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,276.51	21.000	3.95	8.49	0.50	24.5	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	6.40	21.000	1.08	1.55	0.05	6.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	0.56	0.10	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	36.18	21.000	1.64	0.38	0.23	10.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	1.05	20.000	0.70	0.33	0.03	2.2	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 2.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.80	21.000	0.87	0.45	0.05	3.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	34.35	21.000	1.58	1.15	0.13	7.7	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	52.65	21.000	1.76	0.65	0.21	8.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	116.41	21.000	2.25	1.60	0.25	24.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	6.85	21.000	1.10	0.55	0.07	6.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	19.45	21.000	1.39	0.60	0.12	7.4	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.34	0.17	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	269.95	21.000	2.54	2.44	0.29	10.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	285.94	21.000	2.58	0.75	0.51	11.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	0.75	20.000	0.64	0.09	0.04	2.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	9.50	21.000	1.20	0.62	0.08	7.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	2.40	20.000	0.84	0.44	0.04	3.2	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	5.37	21.000	0.98	0.91	0.05	7.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	207.15	21.000	2.54	6.42	0.21	14.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	192.94	21.000	2.49	2.32	0.28	17.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	213.25	21.000	2.57	2.01	0.31	18.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	25.14	21.000	1.49	1.27	0.11	7.6	31.9

Current Time: 3.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	44.90	21.000	1.74	1.74	0.14	10.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	9.45	21.000	1.20	2.05	0.06	6.8	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1.65	20.000	0.68	0.01	0.19	1.2	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	432.58	20.000	2.89	1.55	0.47	13.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,034.24	20.000	3.71	2.88	0.63	21.1	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,306.25	20.000	3.64	3.77	0.68	46.2	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	3.30	20.000	0.57	0.01	0.44	1.8	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	3.30	20.000	0.90	1.46	0.03	4.2	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	8.85	20.000	1.17	0.59	0.08	7.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	7.80	20.000	1.14	0.52	0.08	7.3	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	5.25	20.000	1.03	1.80	0.04	5.0	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	5.25	21.000	1.03	0.58	0.06	5.3	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	11.25	21.000	1.25	0.80	0.08	8.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	23.25	21.000	1.46	0.64	0.13	10.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	27.83	21.000	1.49	1.13	0.11	6.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	40.35	21.000	1.64	1.64	0.12	9.6	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 3.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	40.35	22.000	1.64	1.00	0.15	8.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	4.65	20.000	1.00	1.94	0.04	4.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	4.65	21.000	1.00	0.50	0.06	5.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	11.62	21.000	1.26	0.89	0.08	7.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	18.60	21.000	1.42	1.00	0.10	9.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	23.25	21.000	1.10	0.64	0.14	14.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	88.50	21.000	1.94	1.85	0.17	9.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	94.46	21.000	1.98	1.98	0.18	9.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	94.61	21.000	1.98	2.14	0.17	13.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	100.00	21.000	1.95	1.86	0.18	8.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	9.60	20.000	1.20	2.51	0.05	6.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	9.60	21.000	1.20	1.01	0.07	7.2	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	12.15	21.000	1.28	1.31	0.07	10.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	12.15	22.000	1.20	0.05	0.37	4.4	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,669.86	21.000	3.99	3.97	0.68	17.8	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,677.30	21.000	3.99	3.95	0.68	25.3	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,703.59	21.000	4.01	4.00	0.68	25.9	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	4.95	20.000	0.93	0.02	0.28	2.4	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	760.17	20.000	3.54	3.16	0.54	30.6	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	0.46	0.38	19.8	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,576.09	20.000	4.54	10.44	0.65	23.1	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,708.10	21.000	4.01	9.97	0.52	17.9	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	998.73	21.000	3.67	7.90	0.44	21.6	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	2.40	21.000	0.84	1.16	0.03	4.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	1.05	20.000	0.70	1.17	0.02	2.2	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	1.05	21.000	0.70	0.21	0.03	2.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	18.60	21.000	1.34	0.92	0.09	5.8	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	31.20	21.000	1.54	0.75	0.14	6.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	44.92	21.000	1.74	1.20	0.16	15.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	5.10	21.000	1.02	0.63	0.06	5.8	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	10.96	21.000	1.20	0.42	0.10	5.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.03	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	106.89	21.000	1.99	1.88	0.18	6.7	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	115.18	21.000	2.03	0.33	0.43	7.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	0.75	20.000	0.64	0.10	0.04	2.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	8.25	21.000	1.15	1.04	0.06	7.3	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	2.40	20.000	0.84	0.77	0.03	3.2	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	2.40	21.000	0.77	0.84	0.03	5.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	81.88	21.000	1.97	4.86	0.13	9.4	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	9.45	21.000	1.15	0.75	0.07	4.8	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 4.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	46.52	21.000	1.75	3.53	0.11	10.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	10.74	21.000	1.24	2.13	0.06	7.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	3.30	20.000	0.81	0.20	0.06	1.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	21.53	20.000	1.32	0.92	0.09	3.3	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	34.64	20.000	1.49	1.37	0.10	4.2	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	30.80	20.000	1.22	0.50	0.15	7.2	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	3.30	20.000	0.57	0.78	0.03	1.8	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	6.60	20.000	1.08	1.78	0.05	5.9	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	17.70	20.000	1.40	0.89	0.11	10.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	15.60	20.000	1.36	0.78	0.10	10.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	10.50	20.000	1.22	2.21	0.06	6.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	7.21	21.000	1.11	0.58	0.07	6.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	17.25	21.000	1.39	1.22	0.09	10.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	23.25	21.000	1.46	0.63	0.13	10.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	41.17	21.000	1.65	1.31	0.13	8.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	56.66	21.000	1.80	2.61	0.13	11.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	40.35	22.000	1.64	0.99	0.15	8.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	9.30	20.000	1.19	2.37	0.05	6.1	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	5.86	21.000	1.06	0.44	0.07	5.9	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	18.94	21.000	1.43	1.07	0.10	9.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	27.92	21.000	1.58	1.18	0.13	10.9	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	32.82	21.000	1.22	0.89	0.16	16.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	89.85	21.000	1.95	1.80	0.18	9.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	100.55	21.000	2.02	3.83	0.15	9.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	96.95	21.000	1.99	2.16	0.17	13.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	106.02	21.000	1.98	1.94	0.18	8.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	19.20	20.000	1.44	3.12	0.07	8.2	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	11.67	21.000	1.26	1.03	0.08	7.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	15.28	21.000	1.35	1.40	0.08	12.2	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	12.15	22.000	1.20	0.24	0.13	4.4	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	147.94	21.000	2.08	4.74	0.15	5.6	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	147.49	21.000	2.07	1.99	0.20	7.8	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	156.15	21.000	2.10	2.90	0.18	8.1	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	9.90	20.000	1.11	1.82	0.05	3.3	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	6.07	20.000	0.98	0.12	0.12	3.0	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	2.06	0.19	19.8	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	3.30	20.000	0.78	1.39	0.02	1.0	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	155.27	21.000	2.10	4.86	0.16	5.7	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	113.89	21.000	2.02	4.13	0.15	7.6	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	2.40	21.000	0.84	1.16	0.03	4.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.10	20.000	0.81	1.41	0.03	3.2	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 4.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	1.05	21.000	0.70	0.14	0.04	2.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	21.75	21.000	1.40	0.82	0.11	6.2	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	44.77	21.000	1.68	1.05	0.15	8.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	45.22	21.000	1.74	1.18	0.16	15.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	9.15	21.000	1.19	0.82	0.07	7.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	16.80	21.000	1.34	0.63	0.11	6.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.03	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	109.24	21.000	2.00	1.83	0.19	6.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	123.29	21.000	2.06	2.02	0.19	7.6	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	1.50	20.000	0.74	0.13	0.06	2.9	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	15.75	21.000	1.37	1.98	0.08	9.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	4.80	20.000	1.00	1.96	0.04	4.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	3.02	21.000	0.82	0.89	0.04	5.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	84.87	21.000	1.99	4.91	0.14	9.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	9.48	21.000	1.15	0.67	0.08	4.8	31.9

Current Time: 5.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	55.82	21.000	1.84	3.73	0.12	11.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	18.90	21.000	1.43	2.54	0.08	9.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	3.30	20.000	0.81	0.20	0.06	1.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	21.97	20.000	1.32	0.89	0.09	3.3	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	37.50	20.000	1.52	1.27	0.11	4.3	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	38.70	20.000	1.31	0.43	0.19	8.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	6.60	20.000	0.71	0.95	0.05	2.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	6.60	20.000	1.08	1.78	0.05	5.9	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	17.70	20.000	1.40	0.71	0.12	10.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	15.60	20.000	1.36	0.63	0.11	10.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	10.50	20.000	1.22	2.21	0.06	6.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	10.50	21.000	1.22	0.70	0.09	7.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	22.50	21.000	1.50	1.19	0.11	12.0	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	34.50	21.000	1.62	0.61	0.18	12.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	55.65	21.000	1.78	1.36	0.16	9.3	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	80.70	21.000	1.97	2.90	0.15	13.3	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 5.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	80.70	22.000	1.97	1.28	0.20	11.5	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	9.30	20.000	1.19	2.37	0.05	6.1	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	9.30	21.000	1.19	0.60	0.08	7.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	23.25	21.000	1.51	1.07	0.12	10.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	37.20	21.000	1.71	1.23	0.15	12.5	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	46.50	21.000	1.35	0.82	0.20	19.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	164.61	21.000	2.29	2.18	0.24	12.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	176.24	21.000	2.34	4.55	0.20	12.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	176.15	21.000	2.34	2.58	0.24	18.2	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	186.38	21.000	2.30	2.25	0.24	11.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	19.20	20.000	1.44	3.12	0.07	8.2	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	19.20	21.000	1.44	1.21	0.10	10.0	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	24.30	21.000	1.53	1.61	0.10	15.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	24.30	22.000	1.44	0.32	0.18	6.1	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	248.06	21.000	2.37	2.36	0.26	7.2	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	249.77	21.000	2.37	2.22	0.26	10.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	274.22	21.000	2.43	3.43	0.24	10.6	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	9.90	20.000	1.11	1.82	0.05	3.3	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	9.90	20.000	1.11	0.19	0.12	3.8	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	2.05	0.19	19.8	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	6.60	20.000	0.95	1.73	0.03	1.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	271.91	21.000	2.43	5.74	0.21	7.4	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	118.41	21.000	2.04	4.18	0.15	7.7	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	4.80	21.000	1.00	1.43	0.04	5.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.10	20.000	0.81	1.41	0.03	3.2	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.10	21.000	0.81	0.25	0.05	3.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	31.20	21.000	1.54	0.99	0.13	7.3	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	56.40	21.000	1.79	1.04	0.18	9.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	55.80	21.000	1.84	1.15	0.18	16.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	10.20	21.000	1.22	0.76	0.08	7.9	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	21.89	21.000	1.44	0.72	0.12	7.8	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	192.69	21.000	2.32	2.20	0.25	8.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	207.90	21.000	2.37	2.33	0.25	9.8	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	1.50	20.000	0.74	0.13	0.06	2.9	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	16.50	21.000	1.38	1.25	0.09	10.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	4.80	20.000	1.00	0.95	0.05	4.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	4.80	21.000	0.95	1.00	0.05	7.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	117.87	21.000	2.18	5.42	0.16	11.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	18.90	21.000	1.38	1.03	0.10	6.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 6.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	102.33	21.000	2.17	4.47	0.17	14.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	28.81	21.000	1.60	2.89	0.10	11.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	67.86	20.000	2.02	4.40	0.14	15.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	57.57	21.000	1.85	1.67	0.16	11.7	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	33.06	20.000	1.66	1.09	0.14	10.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,559.95	20.000	4.21	7.23	0.59	31.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,197.39	20.000	3.87	9.08	0.48	22.3	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	653.77	20.000	3.24	7.42	0.35	16.8	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	346.62	20.000	2.52	2.72	0.34	23.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,838.60	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	31.90	20.000	1.64	0.20	0.39	12.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	85.55	20.000	2.15	1.64	0.22	23.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	75.40	20.000	2.08	1.45	0.22	21.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	50.75	20.000	1.86	3.57	0.13	14.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	25.52	21.000	1.55	0.75	0.14	11.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	68.50	21.000	2.03	2.94	0.16	20.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	46.50	21.000	1.75	0.78	0.19	14.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	158.00	21.000	2.36	1.95	0.26	15.3	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	205.75	21.000	2.54	3.83	0.25	21.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	80.70	22.000	1.97	1.22	0.21	11.5	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	44.95	20.000	1.80	3.84	0.11	12.8	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	18.55	21.000	1.42	0.49	0.14	10.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	79.33	21.000	2.11	1.69	0.21	18.8	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	108.68	21.000	2.31	1.86	0.25	21.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	119.91	21.000	1.78	2.02	0.25	32.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	176.20	21.000	2.34	1.95	0.26	13.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	225.11	21.000	2.50	4.89	0.22	13.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	197.45	21.000	2.41	2.26	0.26	19.2	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	237.70	21.000	2.45	3.87	0.23	13.1	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	92.80	20.000	2.21	4.99	0.16	17.6	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	35.06	21.000	1.69	1.33	0.14	13.3	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	48.32	21.000	1.84	1.97	0.15	21.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	24.30	22.000	1.44	0.30	0.19	6.1	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	329.99	21.000	2.56	6.03	0.23	8.2	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	313.82	21.000	2.52	3.65	0.26	11.1	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	293.87	21.000	2.48	3.50	0.25	11.0	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,023.85	20.000	3.89	7.30	0.49	30.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	239.27	20.000	2.54	3.81	0.25	17.1	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	98.09	21.000	1.93	1.21	0.24	20.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	265.82	20.000	2.41	5.30	0.21	7.7	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	286.41	21.000	2.46	5.83	0.21	7.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	257.43	21.000	2.51	5.28	0.22	11.2	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	4.80	21.000	1.00	1.43	0.04	5.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	24.75	20.000	1.48	2.90	0.08	7.6	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.85	21.000	1.25	0.28	0.14	6.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.15	20.000	1.22	2.30	0.06	6.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 6.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.10	21.000	0.81	0.09	0.08	3.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	57.35	21.000	1.80	0.85	0.20	9.8	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	161.07	21.000	2.37	4.86	0.20	15.0	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	65.43	21.000	1.92	1.14	0.20	18.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	41.25	21.000	1.76	1.36	0.15	15.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	66.75	21.000	1.93	1.41	0.19	13.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	34.80	20.000	1.65	1.27	0.14	19.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	225.44	21.000	2.42	2.03	0.28	9.5	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	286.27	21.000	2.58	5.74	0.23	11.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.25	20.000	1.11	0.20	0.12	6.0	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	74.00	21.000	2.07	3.14	0.16	20.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	23.20	20.000	1.51	3.16	0.08	9.3	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	9.52	21.000	1.17	1.20	0.07	10.0	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	147.64	21.000	2.31	5.81	0.18	12.5	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	73.18	21.000	1.92	1.60	0.18	11.2	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	93.78	21.000	2.05	1.85	0.19	12.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	19.17	21.000	1.39	0.67	0.12	6.7	31.9

Current Time: 7.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	173.60	21.000	2.52	5.22	0.22	19.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	91.35	21.000	2.19	4.08	0.17	20.0	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	67.86	20.000	2.02	1.64	0.19	15.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	102.66	21.000	2.17	1.91	0.22	15.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	33.06	20.000	1.66	0.70	0.17	10.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,559.95	20.000	4.21	4.11	0.72	31.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,616.42	20.000	4.26	4.13	0.73	25.9	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,691.46	20.000	4.32	3.87	0.78	27.0	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,697.26	20.000	3.89	3.61	0.83	54.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,863.88	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	31.90	20.000	1.64	0.20	0.39	12.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	85.55	20.000	2.15	1.14	0.26	23.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	75.40	20.000	2.08	1.01	0.25	21.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	50.75	20.000	1.86	3.57	0.13	14.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	50.75	21.000	1.86	1.08	0.19	15.6	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	108.75	21.000	2.31	2.20	0.23	26.0	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	132.75	21.000	2.33	0.83	0.38	23.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	268.97	21.000	2.75	2.11	0.36	19.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	390.05	21.000	3.06	4.60	0.34	29.0	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 7.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	390.04	22.000	3.06	2.12	0.45	24.8	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	44.95	20.000	1.80	3.84	0.11	12.8	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	44.95	21.000	1.80	0.93	0.19	15.5	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	112.38	21.000	2.33	1.68	0.26	22.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	179.80	21.000	2.69	1.99	0.33	27.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	224.75	21.000	2.11	1.41	0.45	44.9	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	761.34	21.000	3.54	3.37	0.53	26.8	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	817.41	21.000	3.62	7.14	0.43	26.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	816.70	21.000	3.62	3.99	0.52	39.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	865.75	21.000	3.51	3.48	0.53	24.8	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	92.80	20.000	2.21	4.99	0.16	17.6	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	92.80	21.000	2.21	1.87	0.22	21.4	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	117.45	21.000	2.36	2.55	0.23	33.6	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	117.45	22.000	2.18	0.36	0.54	12.8	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,653.20	21.000	4.58	4.57	0.86	22.4	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,659.88	21.000	4.58	4.46	0.87	32.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,772.10	21.000	4.64	6.76	0.77	33.2	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,023.85	20.000	3.89	7.30	0.49	30.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,023.85	20.000	3.89	3.60	0.62	35.7	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	188.37	21.000	2.34	0.79	0.46	27.9	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,863.87	20.000	4.69	10.76	0.69	24.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,754.36	21.000	4.63	11.47	0.67	22.7	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,277.47	21.000	3.95	8.49	0.50	24.5	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	23.20	21.000	1.51	2.30	0.09	11.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	24.75	20.000	1.48	2.90	0.08	7.6	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	24.75	21.000	1.48	0.34	0.19	8.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.15	20.000	1.22	2.30	0.06	6.6	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.15	21.000	1.22	0.38	0.11	6.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	129.79	21.000	2.24	1.39	0.27	14.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	251.59	21.000	2.69	1.82	0.36	18.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	173.51	21.000	2.52	1.43	0.34	29.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	49.30	21.000	1.85	1.17	0.18	17.0	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	105.79	21.000	2.19	1.53	0.24	16.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	34.80	20.000	1.65	0.84	0.17	19.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	877.16	21.000	3.53	3.34	0.54	18.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	949.79	21.000	3.61	2.02	0.70	20.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.25	20.000	1.11	0.19	0.13	6.0	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	79.75	21.000	2.11	1.92	0.20	21.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	23.20	20.000	1.51	3.16	0.08	9.3	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	23.20	21.000	1.51	1.53	0.10	15.3	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	436.25	21.000	3.16	8.00	0.31	21.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	135.72	21.000	2.26	2.01	0.24	15.1	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	160.32	21.000	2.37	1.99	0.26	16.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	91.35	21.000	2.10	1.75	0.21	14.1	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 8.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	242.31	21.000	2.78	5.76	0.26	22.8	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	87.47	21.000	2.17	4.03	0.17	19.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	141.38	20.000	2.50	5.46	0.20	22.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	116.19	21.000	2.25	2.03	0.23	16.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	68.87	20.000	2.03	1.39	0.21	15.3	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,555.00	20.000	4.21	4.08	0.72	31.6	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,628.52	20.000	4.27	4.19	0.73	26.0	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,673.90	20.000	4.31	3.85	0.77	26.9	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,686.82	20.000	3.88	3.60	0.83	53.8	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,863.90	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	22.00	20.000	1.49	0.14	0.38	10.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	59.00	20.000	1.94	0.88	0.23	19.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	52.00	20.000	1.87	0.77	0.23	18.0	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	35.00	20.000	1.69	1.41	0.14	12.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	44.87	21.000	1.80	1.08	0.18	14.7	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	90.75	21.000	2.19	1.61	0.23	23.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	158.75	21.000	2.45	1.00	0.39	26.0	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	228.93	21.000	2.62	1.97	0.33	18.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	341.12	21.000	2.94	2.68	0.38	27.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	390.05	22.000	3.06	2.13	0.45	24.8	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	31.00	20.000	1.63	1.32	0.13	10.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	41.33	21.000	1.76	1.00	0.17	14.9	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	90.43	21.000	2.19	1.52	0.24	20.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	151.83	21.000	2.55	1.85	0.31	24.8	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	196.03	21.000	2.04	1.23	0.43	41.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	757.55	21.000	3.54	3.41	0.52	26.8	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	799.54	21.000	3.59	3.56	0.53	25.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	810.36	21.000	3.61	3.99	0.51	39.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	848.69	21.000	3.49	3.39	0.52	24.5	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	64.00	20.000	1.98	1.60	0.19	14.7	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	86.59	21.000	2.16	1.85	0.21	20.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	108.05	21.000	2.31	2.49	0.22	32.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	117.45	22.000	2.18	0.36	0.55	12.8	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,644.43	21.000	4.58	4.56	0.86	22.4	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,658.04	21.000	4.58	4.43	0.87	32.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,796.70	21.000	4.66	4.65	0.88	33.4	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,009.00	20.000	3.87	3.84	0.60	30.0	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,020.49	20.000	3.88	3.63	0.62	35.7	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	194.91	21.000	2.36	0.83	0.46	28.4	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,863.90	20.000	4.69	10.76	0.69	24.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,799.13	21.000	4.66	11.52	0.67	22.9	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,256.00	21.000	3.93	8.45	0.50	24.3	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	23.20	21.000	1.51	2.30	0.09	11.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	51.56	20.000	1.80	3.63	0.12	10.8	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	25.78	21.000	1.50	0.35	0.19	8.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	7.00	20.000	1.10	0.84	0.06	5.5	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 8.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.15	21.000	1.22	0.47	0.10	6.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	124.35	21.000	2.21	1.50	0.25	14.2	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	212.12	21.000	2.57	1.53	0.35	17.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	187.87	21.000	2.58	1.54	0.35	30.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	37.15	21.000	1.71	1.00	0.16	14.8	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	88.30	21.000	2.08	1.01	0.26	15.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	72.50	20.000	2.05	1.61	0.20	27.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	885.78	21.000	3.54	3.40	0.54	18.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	935.71	21.000	3.60	2.00	0.70	20.2	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	5.00	20.000	1.02	0.17	0.11	5.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	57.25	21.000	1.93	1.42	0.18	18.3	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	16.00	20.000	1.37	1.11	0.09	7.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	21.35	21.000	1.48	1.39	0.10	14.7	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	440.50	21.000	3.18	8.02	0.31	21.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	147.24	21.000	2.31	1.93	0.25	15.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	189.82	21.000	2.48	2.30	0.28	17.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	91.25	21.000	2.10	1.81	0.21	14.1	31.9

Current Time: 9.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	214.42	21.000	2.67	2.67	0.30	21.5	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	63.00	21.000	1.98	3.66	0.14	16.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	141.38	20.000	2.50	2.05	0.28	22.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	213.87	21.000	2.67	2.37	0.32	22.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	68.87	20.000	2.03	0.89	0.25	15.3	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	11.00	20.000	1.10	0.07	0.23	2.9	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	498.82	20.000	3.00	1.66	0.50	14.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,144.46	20.000	3.82	3.00	0.67	22.2	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,419.88	20.000	3.72	3.23	0.77	48.5	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	22.01	20.000	1.03	0.04	0.47	4.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	22.00	20.000	1.49	2.58	0.08	10.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	59.00	20.000	1.94	1.01	0.22	19.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	52.00	20.000	1.87	0.89	0.21	18.0	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	35.00	20.000	1.69	3.21	0.10	12.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	35.00	21.000	1.69	0.97	0.16	13.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	75.00	21.000	2.08	1.58	0.21	21.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	125.00	21.000	2.29	0.95	0.33	23.1	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	185.50	21.000	2.47	1.89	0.29	16.6	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	269.00	21.000	2.75	2.75	0.32	24.0	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 9.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	269.00	22.000	2.75	1.80	0.38	20.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	31.00	20.000	1.63	3.43	0.10	10.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	31.00	21.000	1.63	0.84	0.15	13.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	77.50	21.000	2.10	1.50	0.22	18.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	124.00	21.000	2.40	1.77	0.27	22.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	155.00	21.000	1.91	1.18	0.37	36.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	559.28	21.000	3.23	3.08	0.45	23.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	598.46	21.000	3.29	3.29	0.46	22.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	598.74	21.000	3.29	3.67	0.44	33.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	633.62	21.000	3.21	3.11	0.45	21.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	64.00	20.000	1.98	4.47	0.14	14.7	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	64.00	21.000	1.98	1.68	0.18	17.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	81.00	21.000	2.12	2.29	0.19	27.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	81.00	22.000	1.97	0.26	0.50	10.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,387.97	21.000	4.43	4.41	0.82	21.3	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,402.49	21.000	4.44	4.31	0.83	30.4	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,506.70	21.000	4.50	4.49	0.84	31.5	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	33.00	20.000	1.51	0.15	0.32	5.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	788.22	20.000	3.58	2.66	0.59	31.2	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	390.51	21.000	2.86	1.58	0.54	41.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,594.79	20.000	4.55	10.46	0.66	23.2	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,514.12	21.000	4.50	11.17	0.63	21.7	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,360.53	21.000	4.03	8.64	0.52	25.3	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	16.00	21.000	1.37	2.06	0.07	9.7	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	51.56	20.000	1.80	3.63	0.12	10.8	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	51.56	21.000	1.80	0.43	0.28	12.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	7.00	20.000	1.10	2.06	0.05	5.5	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	7.00	21.000	1.10	0.34	0.09	5.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	96.00	21.000	2.06	1.31	0.23	12.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	180.01	21.000	2.45	1.34	0.33	15.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	214.45	21.000	2.67	1.82	0.35	32.9	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	34.00	21.000	1.67	1.05	0.15	14.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	73.02	21.000	1.98	0.91	0.24	13.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	72.50	20.000	2.05	1.05	0.24	27.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.09	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	661.45	21.000	3.25	3.08	0.46	16.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	714.14	21.000	3.32	1.63	0.64	17.7	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	5.00	20.000	1.02	0.17	0.10	5.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	55.00	21.000	1.91	1.73	0.17	17.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	16.00	20.000	1.37	2.80	0.07	7.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	16.00	21.000	1.37	1.37	0.09	12.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	418.30	21.000	3.13	7.90	0.31	20.8	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	282.75	21.000	2.78	2.47	0.35	21.6	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	334.00	21.000	2.92	2.45	0.39	23.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	63.00	21.000	1.90	1.50	0.18	11.8	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	165.31	21.000	2.48	2.14	0.28	18.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	59.98	21.000	1.95	3.60	0.14	16.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	96.14	20.000	2.23	1.43	0.25	18.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	205.55	21.000	2.64	2.32	0.31	21.7	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	46.84	20.000	1.82	0.62	0.24	12.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	7.15	20.000	0.99	0.21	0.09	2.4	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	56.60	20.000	1.68	1.07	0.15	5.2	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	104.23	20.000	1.97	1.58	0.19	7.0	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	122.42	20.000	1.85	0.57	0.34	13.8	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	22.00	20.000	1.03	1.28	0.08	4.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	14.30	20.000	1.33	1.20	0.08	8.4	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	38.35	20.000	1.73	0.75	0.19	15.7	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	33.80	20.000	1.67	0.66	0.18	14.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	22.75	20.000	1.50	1.21	0.11	9.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	30.43	21.000	1.62	0.98	0.14	12.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	61.00	21.000	1.96	1.41	0.19	19.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	109.00	21.000	2.20	0.83	0.33	21.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	154.35	21.000	2.35	1.75	0.27	15.2	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	230.94	21.000	2.63	2.36	0.31	22.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	269.00	22.000	2.75	1.81	0.38	20.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	20.15	20.000	1.46	1.14	0.10	8.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	28.18	21.000	1.59	0.91	0.14	12.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	60.43	21.000	1.96	1.34	0.19	16.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	102.24	21.000	2.27	1.63	0.25	20.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	132.66	21.000	1.83	1.01	0.36	33.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	555.50	21.000	3.22	3.11	0.44	22.9	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	583.18	21.000	3.26	3.23	0.45	22.0	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	591.60	21.000	3.28	3.65	0.44	33.5	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	617.00	21.000	3.19	3.09	0.44	20.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	41.60	20.000	1.76	1.37	0.15	12.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	59.17	21.000	1.95	1.66	0.18	17.1	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	73.69	21.000	2.07	2.23	0.18	26.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	81.00	22.000	1.97	0.45	0.34	10.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	833.88	21.000	3.28	3.24	0.47	12.7	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	846.30	21.000	3.29	3.03	0.49	18.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	947.74	21.000	3.39	3.39	0.50	19.3	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	21.45	20.000	1.35	1.04	0.09	4.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	30.39	20.000	1.47	0.22	0.24	6.4	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	387.92	21.000	2.86	3.06	0.40	40.9	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	22.00	20.000	1.28	2.47	0.06	2.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	949.94	21.000	3.40	8.37	0.39	13.5	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	451.75	21.000	2.92	6.25	0.30	14.7	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	16.00	21.000	1.37	2.06	0.07	9.7	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	35.06	20.000	1.62	1.23	0.13	9.0	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	50.93	21.000	1.79	0.43	0.28	12.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	4.55	20.000	0.99	0.71	0.05	4.5	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	7.00	21.000	1.10	0.44	0.08	5.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	89.65	21.000	2.02	1.40	0.21	12.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	148.64	21.000	2.32	1.14	0.32	14.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	204.24	21.000	2.64	1.77	0.35	32.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	24.55	21.000	1.53	0.88	0.13	12.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	59.35	21.000	1.87	0.89	0.21	12.5	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	49.30	20.000	1.83	0.74	0.22	22.8	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.09	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	643.19	21.000	3.23	3.09	0.46	15.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	684.11	21.000	3.28	3.19	0.47	17.3	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.25	20.000	0.90	0.15	0.08	4.2	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	37.50	21.000	1.72	1.22	0.15	14.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	10.40	20.000	1.22	0.95	0.07	6.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	14.56	21.000	1.34	1.25	0.08	12.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	403.13	21.000	3.09	7.81	0.30	20.4	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	275.66	21.000	2.76	2.51	0.34	21.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	315.84	21.000	2.87	2.33	0.38	22.9	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	62.92	21.000	1.90	1.58	0.17	11.8	31.9

Current Time: 11.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	143.62	21.000	2.38	2.38	0.25	17.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	40.95	21.000	1.76	3.22	0.11	13.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	96.14	20.000	2.23	1.82	0.23	18.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	145.44	21.000	2.39	2.11	0.26	18.3	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	46.84	20.000	1.82	0.78	0.21	12.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	7.15	20.000	0.99	0.22	0.09	2.4	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	55.56	20.000	1.68	1.18	0.15	5.1	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	89.20	20.000	1.90	1.65	0.17	6.5	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	91.80	20.000	1.69	0.57	0.28	12.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	14.31	20.000	0.90	1.14	0.07	3.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	14.30	20.000	1.33	2.27	0.07	8.4	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	38.35	20.000	1.73	0.89	0.17	15.7	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	33.80	20.000	1.67	0.78	0.17	14.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	22.75	20.000	1.50	2.81	0.08	9.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	22.75	21.000	1.50	0.86	0.13	10.6	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	48.75	21.000	1.84	1.37	0.17	17.4	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	82.75	21.000	2.05	0.84	0.27	18.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	120.58	21.000	2.19	1.67	0.24	13.5	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	174.85	21.000	2.43	2.43	0.26	19.4	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 11.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	174.85	22.000	2.43	1.57	0.31	16.7	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	20.15	20.000	1.46	3.02	0.08	8.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	20.15	21.000	1.46	0.74	0.12	10.5	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	50.38	21.000	1.86	1.33	0.17	15.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	80.60	21.000	2.12	1.56	0.22	18.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	100.75	21.000	1.69	1.02	0.30	29.2	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	365.07	21.000	2.85	2.72	0.36	18.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	390.56	21.000	2.91	2.91	0.37	18.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	390.78	21.000	2.91	3.25	0.35	27.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	413.50	21.000	2.85	2.76	0.36	17.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	41.60	20.000	1.76	3.93	0.11	12.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	41.60	21.000	1.76	1.49	0.15	14.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	52.65	21.000	1.89	2.02	0.15	22.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	52.65	22.000	1.76	0.39	0.27	8.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	563.34	21.000	2.94	2.92	0.39	10.6	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	569.50	21.000	2.96	2.74	0.40	14.8	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	631.95	21.000	3.04	3.02	0.41	15.8	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	21.45	20.000	1.35	2.29	0.07	4.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	21.45	20.000	1.35	0.20	0.20	5.4	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	267.55	21.000	2.58	2.74	0.33	33.5	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	14.31	20.000	1.14	2.18	0.05	2.0	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	637.39	21.000	3.05	7.42	0.32	11.1	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	318.25	21.000	2.66	5.64	0.25	12.4	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	10.40	21.000	1.22	1.82	0.06	7.8	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	35.06	20.000	1.62	3.24	0.10	9.0	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	35.06	21.000	1.62	0.38	0.23	10.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	4.55	20.000	0.99	1.81	0.04	4.5	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	4.55	21.000	0.99	0.31	0.07	4.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	67.60	21.000	1.88	1.22	0.19	10.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	122.20	21.000	2.20	1.21	0.27	13.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	143.65	21.000	2.38	1.59	0.29	26.8	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	22.10	21.000	1.48	0.93	0.12	11.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	47.47	21.000	1.76	0.79	0.19	11.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	49.30	20.000	1.83	0.93	0.20	22.8	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.07	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	432.49	21.000	2.89	2.73	0.37	13.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	466.86	21.000	2.95	2.88	0.38	14.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.25	20.000	0.90	0.15	0.08	4.2	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	35.75	21.000	1.70	1.53	0.13	14.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	10.40	20.000	1.22	1.20	0.07	6.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	10.40	21.000	1.20	1.22	0.07	10.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	282.07	21.000	2.78	7.04	0.25	17.1	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	192.27	21.000	2.49	2.21	0.28	17.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	227.12	21.000	2.61	2.19	0.32	19.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	40.95	21.000	1.70	1.26	0.14	9.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 12.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	155.99	21.000	2.44	5.06	0.20	18.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	41.81	21.000	1.77	3.24	0.11	13.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	107.45	20.000	2.30	2.01	0.24	19.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	147.52	21.000	2.40	2.12	0.26	18.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	52.34	20.000	1.88	0.87	0.21	13.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,552.25	20.000	4.20	7.22	0.59	31.6	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,190.96	20.000	3.87	9.07	0.48	22.2	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	632.18	20.000	3.21	7.34	0.35	16.6	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	359.44	20.000	2.54	2.17	0.37	23.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,846.30	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	16.50	20.000	1.38	0.11	0.38	9.0	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	44.25	20.000	1.80	0.97	0.18	16.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	39.00	20.000	1.74	0.86	0.18	15.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	26.25	20.000	1.56	2.93	0.09	10.7	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	24.06	21.000	1.53	0.86	0.13	10.9	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	52.75	21.000	1.89	1.44	0.17	18.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	86.75	21.000	2.07	0.88	0.27	19.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	129.47	21.000	2.24	1.72	0.24	14.0	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	185.72	21.000	2.47	3.71	0.23	20.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	174.85	22.000	2.43	1.57	0.31	16.7	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	23.25	20.000	1.51	3.13	0.08	9.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	20.95	21.000	1.47	0.72	0.13	10.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	55.25	21.000	1.91	1.38	0.18	15.7	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	86.82	21.000	2.17	1.61	0.23	18.8	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	107.13	21.000	1.72	1.08	0.30	30.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	365.85	21.000	2.85	2.71	0.36	18.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	394.44	21.000	2.92	5.77	0.30	18.2	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	392.03	21.000	2.91	3.25	0.35	27.1	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	417.06	21.000	2.86	2.77	0.36	17.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	48.00	20.000	1.83	4.11	0.12	12.8	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	42.98	21.000	1.78	1.50	0.15	14.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	54.74	21.000	1.91	2.04	0.16	22.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	52.65	22.000	1.76	0.39	0.27	8.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	582.84	21.000	2.97	7.15	0.30	10.7	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	580.96	21.000	2.97	2.81	0.40	15.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	625.40	21.000	3.03	4.39	0.36	15.8	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,000.75	20.000	3.86	7.26	0.48	29.8	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	242.98	20.000	2.55	1.89	0.32	17.3	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	274.07	21.000	2.60	2.45	0.35	34.0	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	273.52	20.000	2.43	5.35	0.21	7.8	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	624.20	21.000	3.03	7.38	0.31	11.0	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	407.06	21.000	2.84	6.05	0.28	14.0	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	10.40	21.000	1.22	1.82	0.06	7.8	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	39.19	20.000	1.67	3.35	0.10	9.4	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	35.22	21.000	1.62	0.38	0.23	10.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	5.25	20.000	1.03	1.87	0.04	4.8	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 12.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	4.55	21.000	0.99	0.28	0.08	4.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	83.70	21.000	1.99	1.40	0.20	11.7	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	135.57	21.000	2.26	1.32	0.28	13.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	146.15	21.000	2.40	1.60	0.29	27.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	24.80	21.000	1.54	0.98	0.13	12.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	51.35	21.000	1.80	0.80	0.20	11.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	55.10	20.000	1.89	1.03	0.20	24.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.07	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	435.52	21.000	2.89	2.73	0.38	13.1	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	472.39	21.000	2.96	2.85	0.39	14.5	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.75	20.000	0.94	0.16	0.09	4.4	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	40.75	21.000	1.75	1.73	0.14	15.5	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	12.00	20.000	1.27	2.56	0.06	6.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	10.81	21.000	1.22	1.24	0.07	10.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	286.94	21.000	2.80	7.07	0.25	17.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	194.04	21.000	2.50	2.20	0.29	18.0	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	231.66	21.000	2.63	2.20	0.32	19.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	40.97	21.000	1.70	1.08	0.15	9.6	31.9

Current Time: 13.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	162.19	21.000	2.47	5.13	0.21	18.7	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	47.25	21.000	1.83	3.35	0.12	14.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	107.45	20.000	2.30	1.88	0.24	19.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	162.55	21.000	2.47	2.18	0.27	19.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	52.34	20.000	1.88	0.81	0.22	13.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,552.25	20.000	4.20	4.11	0.72	31.6	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,606.89	20.000	4.25	4.18	0.73	25.8	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,645.70	20.000	4.29	3.85	0.76	26.6	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,648.70	20.000	3.86	3.97	0.79	53.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,848.50	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	16.50	20.000	1.38	0.11	0.38	9.0	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	44.25	20.000	1.80	0.93	0.19	16.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	39.00	20.000	1.74	0.82	0.18	15.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	26.25	20.000	1.56	2.93	0.09	10.7	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	26.25	21.000	1.56	0.90	0.14	11.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	56.25	21.000	1.92	1.45	0.18	18.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	94.25	21.000	2.12	0.87	0.29	20.1	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	139.12	21.000	2.28	1.74	0.25	14.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	201.75	21.000	2.53	3.80	0.24	20.8	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 13.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	201.75	22.000	2.53	1.64	0.33	17.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	23.25	20.000	1.51	3.13	0.08	9.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	23.25	21.000	1.51	0.77	0.13	11.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	58.13	21.000	1.94	1.38	0.19	16.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	93.00	21.000	2.21	1.63	0.24	19.5	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	116.25	21.000	1.76	1.07	0.32	31.4	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	419.69	21.000	2.97	2.83	0.39	19.9	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	448.90	21.000	3.03	6.00	0.32	19.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	448.83	21.000	3.03	3.38	0.38	29.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	474.62	21.000	2.96	2.87	0.39	18.4	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	48.00	20.000	1.83	4.11	0.12	12.8	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	48.00	21.000	1.83	1.55	0.16	15.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	60.75	21.000	1.96	2.11	0.16	23.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	60.75	22.000	1.82	0.20	0.47	9.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,186.72	21.000	4.32	4.31	0.78	20.4	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,191.98	21.000	4.32	4.23	0.78	29.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,256.95	21.000	4.36	6.38	0.69	29.9	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,000.75	20.000	3.86	7.26	0.48	29.8	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,000.75	20.000	3.86	3.41	0.63	35.3	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	304.16	21.000	2.67	1.24	0.51	35.9	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,848.50	20.000	4.68	10.75	0.69	24.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,255.40	21.000	4.36	10.82	0.60	20.5	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,338.66	21.000	4.01	8.60	0.52	25.1	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	12.00	21.000	1.27	1.90	0.06	8.4	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	39.19	20.000	1.67	3.35	0.10	9.4	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	39.19	21.000	1.67	0.39	0.24	10.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	5.25	20.000	1.03	1.87	0.04	4.8	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	5.25	21.000	1.03	0.32	0.08	4.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	90.00	21.000	2.03	1.38	0.21	12.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	153.00	21.000	2.34	1.34	0.30	14.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	162.18	21.000	2.47	1.60	0.31	28.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	25.50	21.000	1.55	0.97	0.13	12.3	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	54.74	21.000	1.83	0.83	0.21	12.0	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	55.10	20.000	1.89	0.97	0.21	24.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	495.14	21.000	3.00	2.84	0.40	13.9	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	533.75	21.000	3.06	1.29	0.59	15.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.75	20.000	0.94	0.16	0.09	4.4	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	41.25	21.000	1.76	1.60	0.14	15.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	12.00	20.000	1.27	1.26	0.07	6.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	12.00	21.000	1.26	1.27	0.07	11.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	333.21	21.000	2.92	7.37	0.27	18.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	214.89	21.000	2.57	2.28	0.30	18.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	253.84	21.000	2.70	2.23	0.34	20.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	47.25	21.000	1.76	1.18	0.16	10.3	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 14.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	169.49	21.000	2.50	5.18	0.21	19.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	48.54	21.000	1.84	3.38	0.12	14.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	113.10	20.000	2.34	1.97	0.25	19.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	163.59	21.000	2.48	2.19	0.27	19.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	55.10	20.000	1.91	0.85	0.22	13.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,553.90	20.000	4.21	4.10	0.72	31.6	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,613.46	20.000	4.26	4.18	0.73	25.9	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,656.57	20.000	4.29	3.87	0.77	26.7	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,654.65	20.000	3.86	3.98	0.79	53.1	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,848.50	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	19.80	20.000	1.44	0.13	0.38	9.8	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	53.10	20.000	1.89	1.04	0.20	18.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	46.80	20.000	1.82	0.92	0.19	17.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	31.50	20.000	1.64	3.10	0.10	11.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	28.21	21.000	1.59	0.89	0.14	11.8	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	62.25	21.000	1.97	1.58	0.19	19.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	96.25	21.000	2.13	0.88	0.29	20.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	152.47	21.000	2.34	1.81	0.26	15.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	218.06	21.000	2.58	3.89	0.25	21.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	201.75	22.000	2.53	1.64	0.33	17.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	27.90	20.000	1.58	3.32	0.09	10.2	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	24.46	21.000	1.53	0.75	0.14	11.6	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	65.44	21.000	2.00	1.45	0.20	17.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	102.32	21.000	2.27	1.69	0.25	20.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	125.82	21.000	1.80	1.16	0.33	32.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	421.25	21.000	2.97	2.81	0.39	20.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	455.35	21.000	3.04	6.02	0.32	19.5	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	451.74	21.000	3.03	3.39	0.38	29.1	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	481.52	21.000	2.98	2.89	0.39	18.5	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	57.60	20.000	1.93	4.34	0.13	14.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	50.07	21.000	1.86	1.55	0.16	15.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	63.88	21.000	1.98	2.14	0.17	24.6	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	60.75	22.000	1.82	0.20	0.47	9.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,196.08	21.000	4.32	4.32	0.78	20.4	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,199.97	21.000	4.32	4.24	0.79	29.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,261.45	21.000	4.36	6.39	0.69	29.9	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,005.70	20.000	3.87	7.27	0.49	29.9	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,001.87	20.000	3.86	3.41	0.63	35.3	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	308.67	21.000	2.68	1.25	0.51	36.2	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,848.50	20.000	4.68	10.75	0.69	24.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,260.55	21.000	4.36	10.82	0.60	20.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,345.88	21.000	4.02	8.62	0.52	25.1	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	12.00	21.000	1.27	1.90	0.06	8.4	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	41.25	20.000	1.70	3.40	0.11	9.7	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	39.27	21.000	1.67	0.39	0.24	10.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	6.30	20.000	1.07	2.00	0.04	5.3	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 14.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	5.25	21.000	1.03	0.29	0.08	4.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	103.15	21.000	2.10	1.46	0.23	13.0	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	169.66	21.000	2.41	1.47	0.31	15.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	163.70	21.000	2.48	1.60	0.31	28.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	29.55	21.000	1.61	1.04	0.14	13.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	60.60	21.000	1.88	0.89	0.21	12.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	58.00	20.000	1.92	1.01	0.21	24.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	499.97	21.000	3.01	2.83	0.40	14.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	544.59	21.000	3.08	1.31	0.60	15.5	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	4.50	20.000	0.98	0.17	0.10	4.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	48.75	21.000	1.84	2.78	0.13	16.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	14.40	20.000	1.33	2.71	0.07	7.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	12.62	21.000	1.28	1.29	0.08	11.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	338.01	21.000	2.93	7.42	0.27	18.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	215.78	21.000	2.58	2.28	0.30	18.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	256.11	21.000	2.71	2.23	0.34	20.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	47.28	21.000	1.76	1.07	0.17	10.3	31.9

Current Time: 15.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	178.79	21.000	2.54	5.27	0.22	19.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	56.70	21.000	1.92	3.54	0.13	15.9	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	113.10	20.000	2.34	1.91	0.25	19.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	171.10	21.000	2.51	2.21	0.28	19.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	55.10	20.000	1.91	0.83	0.23	13.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	9.90	20.000	1.08	0.06	0.22	2.8	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	485.53	20.000	2.98	1.64	0.49	14.3	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,126.00	20.000	3.80	2.98	0.66	22.0	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,401.02	20.000	3.71	3.28	0.76	48.1	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	19.80	20.000	1.00	0.03	0.47	4.1	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	19.80	20.000	1.44	2.50	0.08	9.8	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	53.10	20.000	1.89	0.98	0.20	18.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	46.80	20.000	1.82	0.86	0.20	17.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	31.50	20.000	1.64	3.10	0.10	11.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	31.50	21.000	1.64	0.94	0.15	12.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	67.50	21.000	2.02	1.58	0.19	20.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	107.50	21.000	2.20	0.88	0.31	21.4	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	166.95	21.000	2.40	1.83	0.28	15.8	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	242.10	21.000	2.66	4.01	0.27	22.8	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 15.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	242.10	22.000	2.66	1.75	0.36	19.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	27.90	20.000	1.58	3.32	0.09	10.2	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	27.90	21.000	1.58	0.82	0.15	12.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	69.75	21.000	2.04	1.46	0.21	17.6	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	111.60	21.000	2.33	1.72	0.26	21.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	139.50	21.000	1.85	1.15	0.35	34.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	498.01	21.000	3.12	2.97	0.42	21.7	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	533.04	21.000	3.18	6.31	0.35	21.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	532.95	21.000	3.18	3.55	0.41	31.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	563.88	21.000	3.11	3.02	0.42	20.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	57.60	20.000	1.93	4.34	0.13	14.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	57.60	21.000	1.93	1.63	0.17	16.9	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	72.90	21.000	2.06	2.22	0.18	26.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	72.90	22.000	1.92	0.24	0.49	10.2	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,284.72	21.000	4.37	4.36	0.80	20.8	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,296.32	21.000	4.38	4.27	0.81	29.7	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,383.34	21.000	4.43	6.48	0.71	30.7	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	29.70	20.000	1.47	0.14	0.31	5.4	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	784.92	20.000	3.57	2.75	0.58	31.1	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	323.71	21.000	2.72	1.35	0.51	37.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,592.57	20.000	4.55	10.46	0.66	23.2	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,381.60	21.000	4.43	10.99	0.62	21.1	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,285.93	21.000	3.96	8.50	0.51	24.6	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	14.40	21.000	1.33	1.99	0.07	9.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	41.25	20.000	1.70	3.40	0.11	9.7	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	41.25	21.000	1.70	0.39	0.25	11.1	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	6.30	20.000	1.07	2.00	0.04	5.3	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	6.30	21.000	1.07	0.33	0.09	5.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	112.60	21.000	2.15	1.48	0.24	13.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	188.20	21.000	2.48	1.49	0.33	16.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	178.77	21.000	2.54	1.60	0.33	29.9	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	30.60	21.000	1.62	1.02	0.14	13.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	65.69	21.000	1.92	0.93	0.22	13.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	58.00	20.000	1.92	0.98	0.22	24.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	585.41	21.000	3.14	2.97	0.44	15.1	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	631.67	21.000	3.21	1.48	0.62	16.6	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	4.50	20.000	0.98	0.17	0.10	4.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	49.50	21.000	1.85	1.68	0.16	17.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	14.40	20.000	1.33	1.33	0.08	7.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	14.40	21.000	1.33	1.33	0.08	12.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	385.94	21.000	3.05	7.71	0.29	20.0	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	226.20	21.000	2.61	2.32	0.31	19.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	267.20	21.000	2.74	2.25	0.35	21.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	56.70	21.000	1.85	1.20	0.18	11.2	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 16.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	213.75	21.000	2.67	5.56	0.24	21.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	59.28	21.000	1.94	3.59	0.14	16.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	144.77	20.000	2.52	2.39	0.27	22.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	176.93	21.000	2.53	2.25	0.29	20.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	70.53	20.000	2.05	1.04	0.24	15.5	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	13.20	20.000	1.16	0.28	0.11	3.2	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	90.19	20.000	1.91	1.36	0.19	6.4	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	141.61	20.000	2.14	2.01	0.21	8.1	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	133.65	20.000	1.90	0.66	0.34	14.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	19.80	20.000	1.00	1.24	0.08	4.1	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	26.40	20.000	1.56	2.72	0.09	11.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	70.80	20.000	2.05	1.18	0.23	21.2	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	62.40	20.000	1.97	1.04	0.22	19.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	42.00	20.000	1.77	3.38	0.11	13.3	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	35.42	21.000	1.69	0.94	0.16	13.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	79.50	21.000	2.11	1.73	0.21	22.2	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	118.70	21.000	2.26	0.97	0.32	22.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	193.65	21.000	2.50	1.95	0.30	16.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	274.72	21.000	2.76	4.16	0.28	24.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	242.10	22.000	2.66	1.75	0.36	19.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	37.20	20.000	1.71	3.62	0.10	11.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	30.31	21.000	1.62	0.77	0.16	12.8	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	84.38	21.000	2.15	1.58	0.22	19.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	130.25	21.000	2.44	1.84	0.28	23.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	158.65	21.000	1.92	1.30	0.36	37.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	501.10	21.000	3.13	2.94	0.43	21.7	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	545.91	21.000	3.20	6.35	0.35	21.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	538.69	21.000	3.19	3.56	0.42	31.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	577.54	21.000	3.13	3.05	0.43	20.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	76.80	20.000	2.09	4.72	0.15	16.1	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	61.74	21.000	1.97	1.65	0.18	17.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	79.17	21.000	2.11	2.27	0.19	27.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	72.90	22.000	1.92	0.44	0.32	10.2	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	776.75	21.000	3.21	3.20	0.46	12.3	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	779.48	21.000	3.22	3.02	0.47	17.3	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	848.38	21.000	3.29	4.81	0.42	18.3	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	39.60	20.000	1.58	2.79	0.10	6.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	31.94	20.000	1.49	0.25	0.23	6.5	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	331.18	21.000	2.74	2.91	0.37	37.6	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	19.80	20.000	1.24	2.40	0.06	2.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	846.52	21.000	3.29	8.10	0.37	12.7	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	408.32	21.000	2.84	6.06	0.28	14.0	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	14.40	21.000	1.33	1.99	0.07	9.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	52.80	20.000	1.81	3.66	0.12	10.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	41.69	21.000	1.70	0.39	0.25	11.1	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	8.40	20.000	1.15	2.17	0.05	6.0	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 16.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	6.30	21.000	1.07	0.28	0.09	5.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	131.90	21.000	2.25	1.56	0.26	14.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	219.35	21.000	2.59	1.70	0.34	17.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	186.02	21.000	2.57	1.63	0.34	30.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	38.70	21.000	1.73	1.14	0.16	15.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	77.40	21.000	2.01	0.97	0.24	14.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	74.24	20.000	2.06	1.23	0.23	28.0	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	598.78	21.000	3.16	2.96	0.44	15.2	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	655.23	21.000	3.24	3.22	0.45	17.0	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.00	20.000	1.07	0.18	0.11	5.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	64.50	21.000	1.99	3.01	0.15	19.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	19.20	20.000	1.44	2.98	0.08	8.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	15.63	21.000	1.36	1.36	0.08	12.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	398.59	21.000	3.08	7.79	0.30	20.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	231.16	21.000	2.63	2.29	0.31	19.6	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	279.91	21.000	2.78	2.31	0.35	21.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	56.77	21.000	1.85	1.08	0.19	11.2	31.9

Current Time: 17.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	232.34	21.000	2.74	5.69	0.25	22.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	75.60	21.000	2.08	3.86	0.15	18.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	144.77	20.000	2.52	2.07	0.28	22.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	219.01	21.000	2.70	2.39	0.32	22.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	70.53	20.000	2.05	0.90	0.26	15.5	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	13.20	20.000	1.16	0.28	0.11	3.2	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	91.08	20.000	1.91	1.30	0.19	6.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	153.18	20.000	2.18	1.94	0.22	8.4	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	157.98	20.000	2.00	0.65	0.38	15.6	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	26.40	20.000	1.09	1.33	0.09	4.7	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	26.40	20.000	1.56	2.72	0.09	11.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	70.80	20.000	2.05	1.07	0.24	21.2	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	62.40	20.000	1.97	0.95	0.23	19.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	42.00	20.000	1.77	3.38	0.11	13.3	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	42.00	21.000	1.77	1.02	0.17	14.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	90.00	21.000	2.19	1.74	0.22	23.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	141.20	21.000	2.37	0.97	0.36	24.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	222.60	21.000	2.60	1.99	0.32	18.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	322.80	21.000	2.89	4.36	0.31	26.3	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 17.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	322.80	22.000	2.89	1.93	0.42	22.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	37.20	20.000	1.71	3.62	0.10	11.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	37.20	21.000	1.71	0.88	0.17	14.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	93.00	21.000	2.21	1.58	0.24	20.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	148.80	21.000	2.53	1.87	0.30	24.6	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	186.00	21.000	2.01	1.27	0.41	40.4	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	661.81	21.000	3.39	3.23	0.49	25.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	708.49	21.000	3.46	6.85	0.40	24.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	708.30	21.000	3.46	3.84	0.48	36.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	749.45	21.000	3.37	3.28	0.49	23.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	76.80	20.000	2.09	4.72	0.15	16.1	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	76.80	21.000	2.09	1.77	0.20	19.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	97.20	21.000	2.24	2.41	0.21	30.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	97.20	22.000	2.07	0.49	0.37	11.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,002.84	21.000	3.45	3.43	0.52	13.9	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,010.75	21.000	3.46	3.22	0.53	19.6	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,112.73	21.000	3.55	5.21	0.48	20.9	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	39.60	20.000	1.58	2.79	0.10	6.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	39.60	20.000	1.58	0.26	0.26	7.2	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	415.44	21.000	2.91	3.12	0.41	42.5	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	26.39	20.000	1.33	2.64	0.07	2.6	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,108.07	21.000	3.54	8.77	0.42	14.5	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	509.04	21.000	3.02	6.48	0.32	15.5	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	19.20	21.000	1.44	2.18	0.08	10.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	52.80	20.000	1.81	3.66	0.12	10.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	52.80	21.000	1.81	0.42	0.29	12.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	8.40	20.000	1.15	2.17	0.05	6.0	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	8.40	21.000	1.15	0.36	0.10	6.0	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	150.80	21.000	2.33	1.61	0.27	15.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	251.60	21.000	2.69	1.64	0.38	18.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	232.31	21.000	2.74	1.73	0.38	34.3	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	40.80	21.000	1.75	1.10	0.16	15.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	87.58	21.000	2.08	1.03	0.25	15.1	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	74.24	20.000	2.06	1.06	0.25	28.0	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	776.86	21.000	3.40	3.23	0.50	17.3	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	838.33	21.000	3.48	3.44	0.52	19.1	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.00	20.000	1.07	0.18	0.11	5.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	66.00	21.000	2.01	1.82	0.18	19.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	19.20	20.000	1.44	2.98	0.08	8.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	19.20	21.000	1.44	1.45	0.09	13.9	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	508.17	21.000	3.32	8.36	0.34	22.9	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	289.54	21.000	2.80	2.49	0.35	21.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	342.02	21.000	2.94	2.40	0.39	23.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	75.60	21.000	2.00	1.30	0.21	12.9	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 18.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	246.59	21.000	2.79	5.79	0.26	23.0	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	78.79	21.000	2.11	3.91	0.16	18.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	154.95	20.000	2.57	2.20	0.29	23.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	220.88	21.000	2.70	2.40	0.32	22.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	75.49	20.000	2.08	0.96	0.26	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,561.27	20.000	4.21	7.24	0.59	31.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,234.32	20.000	3.91	9.16	0.48	22.6	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	713.85	20.000	3.32	7.61	0.37	17.6	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	435.41	20.000	2.69	1.74	0.46	25.8	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,858.40	20.000	4.34	4.69	0.92	47.4	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	34.54	20.000	1.68	0.22	0.40	12.8	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	92.63	20.000	2.21	1.28	0.26	24.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	81.64	20.000	2.13	1.13	0.25	22.5	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	54.95	20.000	1.91	3.66	0.13	15.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	46.83	21.000	1.82	1.02	0.18	15.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	104.80	21.000	2.29	1.99	0.23	25.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	144.80	21.000	2.39	0.99	0.36	24.9	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	255.53	21.000	2.70	2.11	0.34	19.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	363.03	21.000	3.00	4.51	0.33	27.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	322.80	22.000	2.89	1.92	0.42	22.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	48.67	20.000	1.84	3.93	0.12	13.3	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	40.18	21.000	1.75	0.84	0.18	14.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	111.04	21.000	2.32	1.71	0.26	22.2	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	171.80	21.000	2.65	1.99	0.32	26.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	209.62	21.000	2.07	1.43	0.42	43.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	665.70	21.000	3.40	3.20	0.49	25.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	724.47	21.000	3.49	6.89	0.41	24.6	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	715.57	21.000	3.47	3.86	0.48	37.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	766.59	21.000	3.39	3.33	0.49	23.3	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	100.48	20.000	2.26	5.10	0.17	18.3	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	81.90	21.000	2.13	1.79	0.21	20.1	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	104.93	21.000	2.29	2.46	0.22	31.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	97.20	22.000	2.07	0.49	0.37	11.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,042.14	21.000	3.48	8.51	0.41	14.2	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,041.57	21.000	3.48	3.29	0.54	19.9	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,126.42	21.000	3.56	5.22	0.49	21.0	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,027.81	20.000	3.89	7.31	0.49	30.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	263.14	20.000	2.60	1.53	0.37	18.0	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	409.11	21.000	2.90	2.76	0.43	42.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	285.62	20.000	2.46	5.42	0.22	8.0	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,123.62	21.000	3.56	8.80	0.42	14.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	610.67	21.000	3.18	6.84	0.35	17.0	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	19.20	21.000	1.44	2.18	0.08	10.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.51	20.000	1.84	3.73	0.12	11.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	52.94	21.000	1.81	0.43	0.28	12.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.99	20.000	1.24	2.35	0.06	6.8	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 18.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	8.40	21.000	1.15	0.31	0.11	6.0	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	141.57	21.000	2.29	1.40	0.28	15.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	279.83	21.000	2.78	1.81	0.39	19.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	235.30	21.000	2.75	1.74	0.38	34.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	50.79	21.000	1.86	1.23	0.18	17.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	102.03	21.000	2.17	1.16	0.27	16.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	79.46	20.000	2.10	1.13	0.25	29.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	788.24	21.000	3.42	3.20	0.51	17.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	864.98	21.000	3.51	3.45	0.53	19.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.85	20.000	1.14	0.20	0.13	6.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	84.50	21.000	2.15	3.27	0.17	22.2	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	25.12	20.000	1.54	3.22	0.09	9.7	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	20.72	21.000	1.47	1.48	0.10	14.5	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	516.48	21.000	3.34	8.39	0.34	23.1	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	291.13	21.000	2.81	2.48	0.35	22.0	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	346.10	21.000	2.95	2.45	0.39	24.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	75.69	21.000	2.00	1.36	0.20	12.9	31.9

Current Time: 19.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	269.52	21.000	2.87	5.94	0.27	24.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	98.91	21.000	2.25	4.18	0.18	20.9	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	154.95	20.000	2.57	2.12	0.29	23.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	234.41	21.000	2.75	2.44	0.33	23.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	75.49	20.000	2.08	0.92	0.27	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,561.27	20.000	4.21	4.06	0.72	31.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,651.05	20.000	4.29	4.15	0.74	26.2	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,732.30	20.000	4.36	3.90	0.79	27.3	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,738.58	20.000	3.91	3.55	0.85	54.8	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,866.53	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	34.54	20.000	1.68	0.22	0.40	12.8	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	92.63	20.000	2.21	1.17	0.27	24.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	81.64	20.000	2.13	1.03	0.27	22.5	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	54.95	20.000	1.91	3.66	0.13	15.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	54.95	21.000	1.91	1.10	0.20	16.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	117.75	21.000	2.36	1.98	0.25	27.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	172.55	21.000	2.51	1.01	0.41	27.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	291.23	21.000	2.81	2.16	0.37	20.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	422.33	21.000	3.13	4.71	0.35	30.2	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 19.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	422.33	22.000	3.13	2.13	0.48	25.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	48.67	20.000	1.84	3.93	0.12	13.3	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	48.67	21.000	1.84	0.95	0.20	16.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	121.68	21.000	2.39	1.72	0.27	23.2	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	194.68	21.000	2.76	2.04	0.35	28.2	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	243.35	21.000	2.15	1.42	0.47	47.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	853.70	21.000	3.67	3.50	0.56	28.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	914.78	21.000	3.75	7.37	0.46	27.7	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	914.55	21.000	3.75	4.12	0.55	42.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	968.40	21.000	3.63	3.56	0.56	26.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	100.48	20.000	2.26	5.10	0.17	18.3	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	100.48	21.000	2.26	1.91	0.23	22.2	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	127.17	21.000	2.42	2.60	0.24	35.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	127.17	22.000	2.22	0.38	0.57	13.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,825.32	21.000	4.67	4.66	0.89	23.1	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,835.75	21.000	4.68	4.53	0.90	33.1	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,969.51	21.000	4.74	6.90	0.80	34.5	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,027.81	20.000	3.89	7.31	0.49	30.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,027.81	20.000	3.89	3.21	0.65	35.8	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	436.19	21.000	2.95	1.64	0.57	43.6	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,866.53	20.000	4.69	10.77	0.69	24.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,963.80	21.000	4.74	11.72	0.69	23.5	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,534.65	21.000	4.19	8.95	0.55	26.9	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	25.12	21.000	1.54	2.37	0.09	12.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.51	20.000	1.84	3.73	0.12	11.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.51	21.000	1.84	0.44	0.29	12.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.99	20.000	1.24	2.35	0.06	6.8	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.99	21.000	1.24	0.39	0.11	6.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	164.88	21.000	2.39	1.57	0.29	16.3	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	296.76	21.000	2.82	1.75	0.41	20.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	269.49	21.000	2.87	1.82	0.41	37.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	53.38	21.000	1.89	1.19	0.19	17.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	114.59	21.000	2.24	1.22	0.28	17.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	79.46	20.000	2.10	1.08	0.26	29.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	997.67	21.000	3.67	3.47	0.57	19.6	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,078.14	21.000	3.75	2.20	0.74	21.7	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.85	20.000	1.14	0.20	0.13	6.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	86.35	21.000	2.16	1.96	0.21	22.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	25.12	20.000	1.54	3.22	0.09	9.7	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	25.12	21.000	1.54	1.57	0.11	15.9	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	592.20	21.000	3.49	8.74	0.37	24.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	309.89	21.000	2.86	2.54	0.36	22.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	366.06	21.000	3.00	2.48	0.41	24.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	98.91	21.000	2.15	1.60	0.23	14.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	328.21	21.000	3.05	6.29	0.30	26.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	105.03	21.000	2.29	4.25	0.18	21.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	205.84	20.000	2.81	2.74	0.32	26.8	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	243.77	21.000	2.78	2.49	0.34	23.6	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	100.28	20.000	2.26	1.20	0.28	18.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,569.08	20.000	4.22	4.01	0.73	31.8	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,690.62	20.000	4.32	4.17	0.75	26.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,787.79	20.000	4.40	3.97	0.80	27.8	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,768.73	20.000	3.93	3.58	0.86	55.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,866.54	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	50.16	20.000	1.86	0.32	0.41	15.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	134.52	20.000	2.46	1.50	0.31	29.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	118.56	20.000	2.37	1.32	0.30	27.2	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	79.80	20.000	2.12	4.09	0.16	18.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	64.22	21.000	1.99	1.11	0.22	17.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	146.15	21.000	2.52	2.30	0.27	30.3	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	190.55	21.000	2.59	1.11	0.42	28.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	354.42	21.000	2.97	2.34	0.41	22.8	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	499.53	21.000	3.30	4.94	0.39	32.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	422.33	22.000	3.13	2.12	0.48	25.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	70.68	20.000	2.05	4.39	0.14	15.9	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	54.38	21.000	1.90	0.90	0.22	17.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	156.30	21.000	2.57	1.93	0.31	26.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	238.81	21.000	2.95	2.22	0.39	31.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	288.67	21.000	2.25	1.68	0.49	51.9	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	861.03	21.000	3.68	3.45	0.57	28.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	945.23	21.000	3.79	7.45	0.47	28.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	928.15	21.000	3.76	4.14	0.55	42.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,000.78	21.000	3.67	3.61	0.57	26.6	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	145.92	20.000	2.52	5.70	0.21	22.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	110.27	21.000	2.32	1.94	0.24	23.3	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	142.00	21.000	2.50	2.68	0.25	37.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	127.17	22.000	2.22	0.38	0.57	13.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,870.68	21.000	4.69	4.69	0.90	23.3	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,873.60	21.000	4.70	4.57	0.91	33.3	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,988.25	21.000	4.75	6.91	0.80	34.6	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,051.24	20.000	3.92	7.36	0.50	30.6	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,033.11	20.000	3.90	3.18	0.66	35.9	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	435.45	21.000	2.95	1.62	0.57	43.6	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,866.54	20.000	4.69	10.77	0.69	24.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,983.91	21.000	4.75	11.75	0.69	23.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,568.61	21.000	4.22	9.00	0.56	27.2	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	25.12	21.000	1.54	2.37	0.09	12.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	75.08	20.000	1.99	4.07	0.14	12.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	57.22	21.000	1.85	0.44	0.29	12.9	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	15.96	20.000	1.37	2.67	0.07	8.1	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.99	21.000	1.24	0.31	0.13	6.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	169.79	21.000	2.41	1.42	0.31	16.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	357.91	21.000	2.98	2.06	0.43	22.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	281.67	21.000	2.91	1.86	0.42	38.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	72.55	21.000	2.06	1.39	0.21	20.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	142.30	21.000	2.38	1.32	0.31	19.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	105.56	20.000	2.28	1.40	0.27	33.6	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,024.74	21.000	3.70	3.45	0.59	19.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,131.41	21.000	3.81	2.29	0.75	22.2	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	11.40	20.000	1.26	0.22	0.16	7.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	121.85	21.000	2.39	3.63	0.21	26.7	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	36.48	20.000	1.71	3.61	0.10	11.6	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	28.03	21.000	1.59	1.62	0.11	16.7	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	615.10	21.000	3.53	8.84	0.37	25.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	317.87	21.000	2.88	2.51	0.37	22.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	386.49	21.000	3.05	2.62	0.41	25.3	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	99.07	21.000	2.15	1.57	0.23	14.7	31.9

Current Time: 21.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	372.22	21.000	3.18	6.53	0.32	28.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	143.64	21.000	2.51	4.66	0.21	25.1	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	205.84	20.000	2.81	2.33	0.34	26.8	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	311.40	21.000	3.00	2.67	0.38	26.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	100.28	20.000	2.26	1.02	0.31	18.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	25.08	20.000	1.37	0.14	0.25	4.3	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	564.36	20.000	3.11	1.75	0.53	15.4	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,276.24	20.000	3.95	3.12	0.70	23.4	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,556.78	20.000	3.81	2.86	0.87	51.2	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	50.15	20.000	1.33	0.09	0.49	6.4	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	50.16	20.000	1.86	3.30	0.13	15.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	134.52	20.000	2.46	1.34	0.33	29.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	118.56	20.000	2.37	1.18	0.32	27.2	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	79.80	20.000	2.12	4.09	0.16	18.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	79.80	21.000	2.12	1.24	0.24	19.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	171.00	21.000	2.65	2.27	0.31	32.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	243.80	21.000	2.78	1.16	0.49	32.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	422.94	21.000	3.14	2.43	0.45	24.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	613.32	21.000	3.53	5.22	0.43	36.7	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 21.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	613.31	22.000	3.53	2.46	0.58	31.3	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	70.68	20.000	2.05	4.39	0.14	15.9	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	70.68	21.000	2.05	1.07	0.24	19.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	176.70	21.000	2.68	1.96	0.33	28.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	282.72	21.000	3.13	2.29	0.43	34.2	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	353.40	21.000	2.36	1.69	0.58	58.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	1,232.88	21.000	4.14	3.95	0.68	34.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	1,321.51	21.000	4.24	8.18	0.55	33.5	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	1,321.07	21.000	4.24	4.52	0.67	52.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,399.12	21.000	4.07	3.99	0.68	31.6	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	145.92	20.000	2.52	5.70	0.21	22.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	145.92	21.000	2.52	2.15	0.28	26.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	184.68	21.000	2.72	2.88	0.29	42.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	184.68	22.000	2.47	0.52	0.63	15.9	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	3,370.04	21.000	4.94	4.92	0.98	25.3	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	3,389.94	21.000	4.95	4.77	0.99	36.4	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	3,591.23	21.000	5.05	7.26	0.89	38.2	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	75.24	20.000	1.86	0.33	0.35	8.4	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	830.46	20.000	3.64	2.49	0.64	32.0	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	570.87	21.000	3.16	2.07	0.62	51.0	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,622.92	20.000	4.56	10.50	0.66	23.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	3,580.82	21.000	5.04	12.37	0.76	25.9	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,640.73	21.000	4.28	9.12	0.57	27.8	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	36.48	21.000	1.71	2.65	0.11	14.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	75.08	20.000	1.99	4.07	0.14	12.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	75.08	21.000	1.99	0.48	0.34	14.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	15.96	20.000	1.37	2.67	0.07	8.1	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	15.96	21.000	1.37	0.43	0.14	8.1	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	214.52	21.000	2.57	1.64	0.34	18.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	406.03	21.000	3.10	1.94	0.49	23.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	372.16	21.000	3.18	2.07	0.49	44.3	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	77.52	21.000	2.10	1.34	0.23	21.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	166.40	21.000	2.49	1.42	0.33	20.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	105.56	20.000	2.28	1.19	0.30	33.6	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.13	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,437.70	21.000	4.10	3.89	0.70	23.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,554.20	21.000	4.21	2.85	0.84	26.0	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	11.40	20.000	1.26	0.22	0.16	7.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	125.40	21.000	2.41	2.19	0.25	27.1	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	36.48	20.000	1.71	3.61	0.10	11.6	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	36.48	21.000	1.71	1.76	0.13	19.0	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	812.62	21.000	3.89	9.57	0.43	29.0	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	411.68	21.000	3.11	2.77	0.42	26.1	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	486.30	21.000	3.28	2.69	0.47	28.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	143.64	21.000	2.38	1.93	0.27	17.5	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 22.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	312.35	21.000	3.00	2.73	0.38	25.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	135.63	21.000	2.47	4.58	0.21	24.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	156.08	20.000	2.57	1.80	0.32	23.3	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	302.25	21.000	2.97	2.62	0.38	26.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	76.04	20.000	2.09	0.78	0.29	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	14.85	20.000	1.20	0.28	0.12	3.4	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	102.83	20.000	1.97	1.22	0.21	6.8	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	196.85	20.000	2.34	1.86	0.27	9.4	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	237.73	20.000	2.25	0.65	0.49	19.1	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	50.16	20.000	1.33	1.57	0.12	6.4	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	29.70	20.000	1.61	1.42	0.12	11.9	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	79.65	20.000	2.11	0.91	0.28	22.5	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	70.20	20.000	2.04	0.80	0.27	20.9	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	47.25	20.000	1.83	1.41	0.16	14.1	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	67.65	21.000	2.02	1.24	0.22	18.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	133.80	21.000	2.46	1.87	0.28	28.9	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	226.20	21.000	2.72	1.08	0.49	31.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	340.17	21.000	2.94	2.21	0.41	22.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	512.20	21.000	3.33	2.95	0.47	33.4	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	613.32	22.000	3.53	2.47	0.58	31.3	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	41.85	20.000	1.77	1.31	0.16	12.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	63.20	21.000	1.98	1.18	0.21	18.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	131.34	21.000	2.44	1.69	0.29	24.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	224.91	21.000	2.89	2.06	0.38	30.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	294.04	21.000	2.26	1.41	0.55	52.5	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	1,224.02	21.000	4.13	4.00	0.67	34.3	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	1,282.85	21.000	4.20	4.15	0.68	32.9	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	1,305.22	21.000	4.22	4.51	0.67	52.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,359.70	21.000	4.03	3.93	0.67	31.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	86.40	20.000	2.16	1.59	0.23	17.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	133.09	21.000	2.45	2.11	0.27	25.6	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	165.26	21.000	2.62	2.79	0.28	40.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	184.68	22.000	2.47	0.65	0.51	15.9	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,793.93	21.000	4.07	4.02	0.70	18.5	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,822.17	21.000	4.09	3.75	0.73	26.3	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,054.95	21.000	4.23	4.23	0.75	28.5	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	44.55	20.000	1.63	1.19	0.14	6.6	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	68.30	20.000	1.82	0.36	0.31	9.4	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	564.67	21.000	3.15	3.44	0.49	50.7	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	50.16	20.000	1.57	3.18	0.09	3.5	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,060.58	21.000	4.24	10.53	0.57	19.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	704.17	21.000	3.31	7.13	0.37	18.2	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	36.48	21.000	1.71	2.65	0.11	14.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.93	20.000	1.85	1.52	0.16	11.3	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	74.38	21.000	1.99	0.48	0.34	14.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	9.45	20.000	1.20	0.81	0.08	6.4	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 22.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	15.96	21.000	1.37	0.57	0.12	8.1	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	187.99	21.000	2.48	1.70	0.31	17.4	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	319.73	21.000	2.88	1.57	0.46	21.0	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	359.91	21.000	3.14	2.05	0.48	43.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	52.41	21.000	1.88	1.07	0.19	17.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	130.17	21.000	2.32	1.25	0.30	18.4	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	80.04	20.000	2.11	0.92	0.28	29.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.13	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,410.18	21.000	4.08	3.92	0.68	23.2	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,493.43	21.000	4.15	4.11	0.70	25.5	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.75	20.000	1.10	0.18	0.12	5.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	78.90	21.000	2.11	1.44	0.22	21.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	21.60	20.000	1.49	1.09	0.11	9.0	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	32.67	21.000	1.65	1.53	0.13	18.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	784.62	21.000	3.84	9.48	0.42	28.5	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	403.88	21.000	3.09	2.80	0.41	25.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	466.33	21.000	3.23	2.60	0.47	27.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	143.42	21.000	2.38	2.11	0.26	17.5	31.9

Current Time: 23.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	254.72	21.000	2.82	2.82	0.33	23.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	85.05	21.000	2.15	3.99	0.16	19.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	156.08	20.000	2.57	2.12	0.30	23.3	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	236.12	21.000	2.76	2.44	0.33	23.3	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	76.04	20.000	2.09	0.92	0.27	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	14.85	20.000	1.20	0.29	0.12	3.4	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	100.08	20.000	1.95	1.32	0.20	6.8	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	169.94	20.000	2.24	2.00	0.24	8.8	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	175.34	20.000	2.06	0.66	0.40	16.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	29.71	20.000	1.13	1.37	0.09	5.0	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	29.70	20.000	1.61	2.82	0.10	11.9	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	79.65	20.000	2.11	1.12	0.25	22.5	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	70.20	20.000	2.04	0.98	0.25	20.9	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	47.25	20.000	1.83	3.49	0.12	14.1	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	47.25	21.000	1.83	1.06	0.18	15.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	101.25	21.000	2.26	1.82	0.24	25.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	156.45	21.000	2.44	0.99	0.38	25.9	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	250.43	21.000	2.69	2.07	0.34	19.2	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	363.15	21.000	3.00	3.00	0.38	27.9	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 23.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	363.16	22.000	3.00	2.01	0.44	24.0	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	41.85	20.000	1.77	3.76	0.11	12.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	41.85	21.000	1.77	0.91	0.18	15.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	104.62	21.000	2.29	1.64	0.25	21.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	167.40	21.000	2.63	1.95	0.32	26.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	209.25	21.000	2.07	1.33	0.43	43.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	742.92	21.000	3.51	3.35	0.52	26.5	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	795.96	21.000	3.59	3.59	0.53	25.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	796.54	21.000	3.59	3.97	0.51	39.3	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	843.90	21.000	3.49	3.40	0.52	24.4	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	86.40	20.000	2.16	4.89	0.16	17.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	86.40	21.000	2.16	1.83	0.21	20.6	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	109.35	21.000	2.31	2.49	0.22	32.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	109.35	22.000	2.14	0.51	0.40	12.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,132.57	21.000	3.57	3.54	0.55	14.8	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,146.08	21.000	3.58	3.31	0.57	20.9	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,278.60	21.000	3.69	3.66	0.59	22.4	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	44.55	20.000	1.63	2.89	0.10	6.6	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	44.55	20.000	1.63	0.28	0.27	7.7	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	432.26	21.000	2.94	3.16	0.42	43.4	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	29.73	20.000	1.37	2.73	0.07	2.8	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,292.97	21.000	3.70	9.18	0.45	15.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	537.56	21.000	3.07	6.58	0.32	16.0	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	21.60	21.000	1.49	2.26	0.09	11.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.93	20.000	1.85	3.74	0.12	11.3	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.93	21.000	1.85	0.44	0.29	12.9	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	9.45	20.000	1.20	2.25	0.05	6.4	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	9.45	21.000	1.20	0.37	0.11	6.3	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	129.40	21.000	2.24	1.42	0.26	14.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	242.81	21.000	2.66	1.55	0.38	18.3	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	254.79	21.000	2.82	1.86	0.39	36.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	45.90	21.000	1.81	1.14	0.17	16.4	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	98.60	21.000	2.15	1.09	0.27	16.0	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	80.04	20.000	2.11	1.09	0.26	29.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	875.24	21.000	3.53	3.33	0.54	18.3	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	947.05	21.000	3.61	3.57	0.55	20.3	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.75	20.000	1.10	0.19	0.12	5.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	74.25	21.000	2.07	1.88	0.19	20.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	21.60	20.000	1.49	3.09	0.08	9.0	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	21.60	21.000	1.49	1.50	0.10	14.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	524.02	21.000	3.35	8.45	0.34	23.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	312.16	21.000	2.86	2.55	0.36	22.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	368.74	21.000	3.01	2.51	0.41	24.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	85.05	21.000	2.06	1.63	0.20	13.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 24.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	189.96	21.000	2.58	2.18	0.30	20.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	76.87	21.000	2.09	3.87	0.16	18.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	1.42	0.26	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	226.13	21.000	2.72	2.38	0.33	22.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	0.61	0.25	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,548.40	20.000	4.20	7.22	0.59	31.5	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,180.35	20.000	3.85	9.04	0.47	22.1	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	632.48	20.000	3.21	7.34	0.35	16.6	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	399.19	20.000	2.62	1.55	0.46	24.7	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,861.70	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	0.44	0.18	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	0.39	0.17	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	0.68	0.10	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	34.84	21.000	1.69	1.09	0.15	13.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	63.25	21.000	1.98	1.25	0.21	19.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	137.25	21.000	2.36	0.88	0.37	24.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	165.88	21.000	2.39	1.73	0.28	15.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	259.85	21.000	2.72	2.14	0.35	23.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	363.15	22.000	3.00	2.02	0.44	24.0	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	0.61	0.10	7.0	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	34.21	21.000	1.67	1.14	0.15	13.6	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	58.29	21.000	1.94	1.24	0.20	16.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	108.35	21.000	2.31	1.60	0.26	21.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	148.61	21.000	1.89	0.95	0.40	35.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	732.85	21.000	3.50	3.43	0.51	26.3	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	754.76	21.000	3.53	3.46	0.52	25.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	777.62	21.000	3.56	3.94	0.50	38.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	799.49	21.000	3.44	3.32	0.51	23.8	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	0.72	0.15	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	73.29	21.000	2.07	1.79	0.20	19.0	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	89.51	21.000	2.18	2.35	0.20	29.2	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	109.35	22.000	2.14	0.52	0.39	12.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,085.50	21.000	3.52	3.49	0.54	14.5	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,101.71	21.000	3.54	3.25	0.56	20.5	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,243.56	21.000	3.66	3.65	0.58	22.1	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	989.20	20.000	3.84	7.23	0.48	29.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	258.24	20.000	2.59	1.57	0.36	17.8	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	425.77	21.000	2.93	2.99	0.43	43.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	288.92	20.000	2.47	5.44	0.22	8.0	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,248.75	21.000	3.67	9.08	0.44	15.4	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	576.04	21.000	3.13	6.72	0.34	16.5	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	21.60	21.000	1.49	2.26	0.09	11.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	1.22	0.14	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.17	21.000	1.84	0.44	0.29	12.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	0.35	0.05	3.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 24.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	9.45	21.000	1.20	0.68	0.08	6.3	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	102.45	21.000	2.10	1.56	0.22	12.9	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	154.68	21.000	2.35	1.03	0.34	14.7	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	241.27	21.000	2.77	1.83	0.38	35.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	20.25	21.000	1.46	0.71	0.13	11.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	61.50	21.000	1.89	0.84	0.22	12.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	0.73	0.23	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	839.98	21.000	3.48	3.39	0.52	18.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	874.64	21.000	3.53	3.39	0.53	19.5	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.12	0.07	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	26.75	21.000	1.57	0.73	0.15	12.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	0.51	0.07	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	17.70	21.000	1.40	1.22	0.09	13.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	494.17	21.000	3.29	8.29	0.33	22.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	303.65	21.000	2.84	2.59	0.36	22.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	346.95	21.000	2.96	2.39	0.40	24.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	84.83	21.000	2.06	1.93	0.19	13.6	31.9

Current Time: 25.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	131.08	21.000	2.33	2.33	0.23	16.8	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	25.20	21.000	1.54	2.78	0.09	10.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	1.85	0.24	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	153.99	21.000	2.43	2.14	0.27	18.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	0.80	0.22	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,548.40	20.000	4.20	4.12	0.71	31.5	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,593.17	20.000	4.24	4.20	0.72	25.7	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,613.87	20.000	4.26	3.84	0.75	26.4	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,615.47	20.000	3.84	4.22	0.76	52.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,840.81	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	0.77	0.13	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	0.68	0.13	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	2.44	0.07	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	14.00	21.000	1.32	0.75	0.10	8.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	30.00	21.000	1.62	1.00	0.14	13.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	66.00	21.000	1.92	0.89	0.22	16.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	74.20	21.000	1.93	1.47	0.18	10.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	107.60	21.000	2.13	2.13	0.20	15.3	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 25.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	107.61	22.000	2.13	1.30	0.24	13.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	2.58	0.06	7.0	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	12.40	21.000	1.29	0.65	0.10	8.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	31.00	21.000	1.63	1.16	0.14	11.9	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	49.60	21.000	1.85	1.34	0.17	14.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	62.00	21.000	1.47	0.84	0.24	22.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	240.19	21.000	2.54	2.42	0.29	15.2	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	256.18	21.000	2.59	2.58	0.29	14.7	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	256.77	21.000	2.59	2.88	0.28	21.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	271.38	21.000	2.54	2.41	0.29	14.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	3.41	0.09	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	25.60	21.000	1.55	1.30	0.12	11.4	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	32.40	21.000	1.65	1.75	0.12	17.5	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	32.40	22.000	1.55	0.12	0.42	6.9	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,934.99	21.000	4.16	4.15	0.73	19.2	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,941.45	21.000	4.17	4.09	0.74	27.2	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,990.17	21.000	4.20	4.17	0.74	28.0	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	989.20	20.000	3.84	7.23	0.48	29.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	989.20	20.000	3.84	3.46	0.62	35.1	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	281.32	21.000	2.62	1.17	0.49	34.4	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,840.83	20.000	4.68	10.74	0.69	24.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,004.86	21.000	4.20	10.45	0.57	19.4	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,288.52	21.000	3.96	8.51	0.51	24.6	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	6.40	21.000	1.08	1.55	0.05	6.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	3.29	0.10	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	37.13	21.000	1.65	0.39	0.23	10.5	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	1.55	0.03	3.6	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.80	21.000	0.87	0.27	0.06	3.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	42.60	21.000	1.66	1.08	0.15	8.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	76.21	21.000	1.94	0.88	0.23	10.5	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	131.16	21.000	2.33	1.70	0.26	25.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	13.60	21.000	1.31	0.82	0.09	9.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	29.25	21.000	1.55	0.52	0.17	8.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	0.95	0.21	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	292.31	21.000	2.59	2.46	0.31	10.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	315.00	21.000	2.65	0.82	0.52	11.9	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.14	0.07	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	22.00	21.000	1.49	1.35	0.10	11.5	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	1.04	0.05	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	6.40	21.000	1.04	1.08	0.05	8.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	224.67	21.000	2.61	6.57	0.22	15.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	203.58	21.000	2.53	2.25	0.29	18.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	240.48	21.000	2.66	2.24	0.32	20.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	25.20	21.000	1.49	1.09	0.11	7.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 26.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	60.40	21.000	1.88	1.17	0.19	11.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	23.05	21.000	1.51	2.71	0.09	10.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	0.65	0.18	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	141.50	21.000	2.37	2.04	0.26	18.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.28	0.18	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,545.65	20.000	4.20	4.17	0.71	31.5	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,561.69	20.000	4.21	4.17	0.71	25.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,586.02	20.000	4.23	3.80	0.75	26.1	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,600.77	20.000	3.83	4.22	0.75	52.1	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,840.80	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	3.30	20.000	0.90	0.02	0.35	4.2	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	8.85	20.000	1.17	0.37	0.10	7.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	7.80	20.000	1.14	0.33	0.10	7.3	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	5.25	20.000	1.03	0.61	0.06	5.0	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	10.74	21.000	1.24	0.78	0.08	7.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	20.00	21.000	1.45	0.92	0.11	11.4	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	42.00	21.000	1.71	0.57	0.21	13.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	51.95	21.000	1.75	1.27	0.16	9.0	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	80.42	21.000	1.96	1.59	0.19	13.3	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	107.60	22.000	2.13	1.31	0.24	13.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	4.65	20.000	1.00	0.55	0.06	4.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	10.39	21.000	1.22	0.79	0.08	7.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	18.81	21.000	1.43	0.92	0.11	9.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	34.06	21.000	1.67	1.14	0.14	12.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	46.04	21.000	1.35	0.63	0.22	19.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	237.10	21.000	2.53	2.48	0.29	15.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	244.61	21.000	2.55	2.51	0.29	14.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	250.63	21.000	2.57	2.86	0.28	21.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	257.93	21.000	2.51	2.42	0.28	13.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	9.60	20.000	1.20	0.64	0.08	6.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	22.15	21.000	1.48	1.28	0.11	10.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	27.18	21.000	1.57	1.66	0.11	16.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	32.40	22.000	1.55	0.12	0.42	6.9	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,908.20	21.000	4.14	4.13	0.72	19.1	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,915.68	21.000	4.15	4.08	0.73	27.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,962.03	21.000	4.18	4.18	0.73	27.8	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	980.95	20.000	3.83	3.82	0.59	29.5	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	987.33	20.000	3.84	3.48	0.62	35.1	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	275.57	21.000	2.60	1.16	0.49	34.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,840.80	20.000	4.68	10.74	0.69	24.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,963.71	21.000	4.18	10.39	0.56	19.2	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,276.51	21.000	3.95	8.49	0.50	24.5	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	6.40	21.000	1.08	1.55	0.05	6.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	0.56	0.10	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	36.18	21.000	1.64	0.38	0.23	10.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	1.05	20.000	0.70	0.33	0.03	2.2	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 26.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.80	21.000	0.87	0.45	0.05	3.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	34.35	21.000	1.58	1.15	0.13	7.7	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	52.65	21.000	1.76	0.65	0.21	8.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	116.41	21.000	2.25	1.60	0.25	24.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	6.85	21.000	1.10	0.55	0.07	6.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	19.45	21.000	1.39	0.60	0.12	7.4	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.34	0.17	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	269.96	21.000	2.54	2.44	0.29	10.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	285.95	21.000	2.58	0.75	0.51	11.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	0.75	20.000	0.64	0.09	0.04	2.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	9.50	21.000	1.20	0.62	0.08	7.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	2.40	20.000	0.84	0.44	0.04	3.2	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	5.37	21.000	0.98	0.91	0.05	7.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	207.15	21.000	2.54	6.42	0.21	14.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	192.94	21.000	2.49	2.32	0.28	17.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	213.25	21.000	2.57	2.01	0.31	18.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	25.14	21.000	1.49	1.27	0.11	7.6	31.9

Current Time: 27.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	44.90	21.000	1.74	1.74	0.14	10.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	9.45	21.000	1.20	2.05	0.06	6.8	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1.65	20.000	0.68	0.01	0.19	1.2	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	432.58	20.000	2.89	1.55	0.47	13.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,034.24	20.000	3.71	2.88	0.63	21.1	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,306.25	20.000	3.64	3.77	0.68	46.2	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	3.30	20.000	0.57	0.01	0.44	1.8	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	3.30	20.000	0.90	1.46	0.03	4.2	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	8.85	20.000	1.17	0.59	0.08	7.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	7.80	20.000	1.14	0.52	0.08	7.3	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	5.25	20.000	1.03	1.80	0.04	5.0	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	5.25	21.000	1.03	0.58	0.06	5.3	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	11.25	21.000	1.25	0.80	0.08	8.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	23.25	21.000	1.46	0.64	0.13	10.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	27.83	21.000	1.49	1.13	0.11	6.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	40.35	21.000	1.64	1.64	0.12	9.6	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 27.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	40.35	22.000	1.64	1.00	0.15	8.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	4.65	20.000	1.00	1.94	0.04	4.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	4.65	21.000	1.00	0.50	0.06	5.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	11.62	21.000	1.26	0.89	0.08	7.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	18.60	21.000	1.42	1.00	0.10	9.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	23.25	21.000	1.10	0.64	0.14	14.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	88.50	21.000	1.94	1.85	0.17	9.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	94.46	21.000	1.98	1.98	0.18	9.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	94.61	21.000	1.98	2.14	0.17	13.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	100.00	21.000	1.95	1.86	0.18	8.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	9.60	20.000	1.20	2.51	0.05	6.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	9.60	21.000	1.20	1.01	0.07	7.2	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	12.15	21.000	1.28	1.31	0.07	10.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	12.15	22.000	1.20	0.05	0.37	4.4	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,669.86	21.000	3.99	3.97	0.68	17.8	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,677.30	21.000	3.99	3.95	0.68	25.3	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,703.59	21.000	4.01	4.00	0.68	25.9	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	4.95	20.000	0.93	0.02	0.28	2.4	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	760.17	20.000	3.54	3.16	0.54	30.6	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	0.46	0.38	19.8	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,576.09	20.000	4.54	10.44	0.65	23.1	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,708.10	21.000	4.01	9.97	0.52	17.9	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	998.73	21.000	3.67	7.90	0.44	21.6	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	2.40	21.000	0.84	1.16	0.03	4.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	1.05	20.000	0.70	1.17	0.02	2.2	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	1.05	21.000	0.70	0.21	0.03	2.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	18.60	21.000	1.34	0.92	0.09	5.8	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	31.20	21.000	1.54	0.75	0.14	6.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	44.92	21.000	1.74	1.20	0.16	15.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	5.10	21.000	1.02	0.63	0.06	5.8	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	10.96	21.000	1.20	0.42	0.10	5.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.03	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	106.89	21.000	1.99	1.88	0.18	6.7	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	115.18	21.000	2.03	0.33	0.43	7.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	0.75	20.000	0.64	0.10	0.04	2.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	8.25	21.000	1.15	1.04	0.06	7.3	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	2.40	20.000	0.84	0.77	0.03	3.2	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	2.40	21.000	0.77	0.84	0.03	5.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	81.88	21.000	1.97	4.86	0.13	9.4	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	9.45	21.000	1.15	0.75	0.07	4.8	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 28.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	46.52	21.000	1.75	3.53	0.11	10.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	10.74	21.000	1.24	2.13	0.06	7.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	3.30	20.000	0.81	0.20	0.06	1.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	21.53	20.000	1.32	0.92	0.09	3.3	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	34.64	20.000	1.49	1.37	0.10	4.2	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	30.80	20.000	1.22	0.50	0.15	7.2	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	3.30	20.000	0.57	0.78	0.03	1.8	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	6.60	20.000	1.08	1.78	0.05	5.9	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	17.70	20.000	1.40	0.89	0.11	10.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	15.60	20.000	1.36	0.78	0.10	10.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	10.50	20.000	1.22	2.21	0.06	6.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	7.21	21.000	1.11	0.58	0.07	6.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	17.25	21.000	1.39	1.22	0.09	10.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	23.25	21.000	1.46	0.63	0.13	10.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	41.17	21.000	1.65	1.31	0.13	8.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	56.66	21.000	1.80	2.61	0.13	11.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	40.35	22.000	1.64	0.99	0.15	8.2	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	9.30	20.000	1.19	2.37	0.05	6.1	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	5.86	21.000	1.06	0.44	0.07	5.9	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	18.94	21.000	1.43	1.07	0.10	9.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	27.92	21.000	1.58	1.18	0.13	10.9	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	32.82	21.000	1.22	0.89	0.16	16.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	89.85	21.000	1.95	1.80	0.18	9.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	100.55	21.000	2.02	3.83	0.15	9.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	96.95	21.000	1.99	2.16	0.17	13.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	106.02	21.000	1.98	1.94	0.18	8.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	19.20	20.000	1.44	3.12	0.07	8.2	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	11.67	21.000	1.26	1.03	0.08	7.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	15.28	21.000	1.35	1.40	0.08	12.2	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	12.15	22.000	1.20	0.24	0.13	4.4	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	147.94	21.000	2.08	4.74	0.15	5.6	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	147.49	21.000	2.07	1.99	0.20	7.8	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	156.15	21.000	2.10	2.90	0.18	8.1	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	9.90	20.000	1.11	1.82	0.05	3.3	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	6.07	20.000	0.98	0.12	0.12	3.0	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	2.06	0.19	19.8	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	3.30	20.000	0.78	1.39	0.02	1.0	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	155.27	21.000	2.10	4.86	0.16	5.7	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	113.89	21.000	2.02	4.13	0.15	7.6	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	2.40	21.000	0.84	1.16	0.03	4.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.10	20.000	0.81	1.41	0.03	3.2	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 28.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	1.05	21.000	0.70	0.14	0.04	2.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	21.75	21.000	1.40	0.82	0.11	6.2	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	44.77	21.000	1.68	1.05	0.15	8.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	45.22	21.000	1.74	1.18	0.16	15.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	9.15	21.000	1.19	0.82	0.07	7.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	16.80	21.000	1.34	0.63	0.11	6.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.03	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	109.24	21.000	2.00	1.83	0.19	6.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	123.29	21.000	2.06	2.02	0.19	7.6	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	1.50	20.000	0.74	0.13	0.06	2.9	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	15.75	21.000	1.37	1.98	0.08	9.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	4.80	20.000	1.00	1.96	0.04	4.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	3.02	21.000	0.82	0.89	0.04	5.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	84.87	21.000	1.99	4.91	0.14	9.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	9.48	21.000	1.15	0.67	0.08	4.8	31.9

Current Time: 29.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	55.82	21.000	1.84	3.73	0.12	11.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	18.90	21.000	1.43	2.54	0.08	9.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	33.93	20.000	1.67	1.35	0.14	11.1	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	51.33	21.000	1.80	1.58	0.15	11.1	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	16.53	20.000	1.39	0.58	0.12	7.8	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	3.30	20.000	0.81	0.20	0.06	1.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	21.97	20.000	1.32	0.89	0.09	3.3	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	37.50	20.000	1.52	1.27	0.11	4.3	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	38.70	20.000	1.31	0.43	0.19	8.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	6.60	20.000	0.71	0.95	0.05	2.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	6.60	20.000	1.08	1.78	0.05	5.9	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	17.70	20.000	1.40	0.71	0.12	10.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	15.60	20.000	1.36	0.63	0.11	10.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	10.50	20.000	1.22	2.21	0.06	6.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	10.50	21.000	1.22	0.70	0.09	7.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	22.50	21.000	1.50	1.19	0.11	12.0	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	34.50	21.000	1.62	0.61	0.18	12.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	55.65	21.000	1.78	1.36	0.16	9.3	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	80.70	21.000	1.97	2.90	0.15	13.3	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 29.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	80.70	22.000	1.97	1.28	0.20	11.5	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	9.30	20.000	1.19	2.37	0.05	6.1	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	9.30	21.000	1.19	0.60	0.08	7.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	23.25	21.000	1.51	1.07	0.12	10.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	37.20	21.000	1.71	1.23	0.15	12.5	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	46.50	21.000	1.35	0.82	0.20	19.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	164.61	21.000	2.29	2.18	0.24	12.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	176.24	21.000	2.34	4.55	0.20	12.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	176.15	21.000	2.34	2.58	0.24	18.2	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	186.38	21.000	2.30	2.25	0.24	11.7	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	19.20	20.000	1.44	3.12	0.07	8.2	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	19.20	21.000	1.44	1.21	0.10	10.0	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	24.30	21.000	1.53	1.61	0.10	15.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	24.30	22.000	1.44	0.32	0.18	6.1	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	248.06	21.000	2.37	2.36	0.26	7.2	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	249.77	21.000	2.37	2.22	0.26	10.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	274.22	21.000	2.43	3.43	0.24	10.6	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	9.90	20.000	1.11	1.82	0.05	3.3	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	9.90	20.000	1.11	0.19	0.12	3.8	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	95.01	21.000	1.92	2.05	0.19	19.8	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	6.60	20.000	0.95	1.73	0.03	1.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	271.91	21.000	2.43	5.74	0.21	7.4	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	118.41	21.000	2.04	4.18	0.15	7.7	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	4.80	21.000	1.00	1.43	0.04	5.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	12.37	20.000	1.25	2.35	0.06	5.5	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.37	21.000	1.25	0.28	0.13	6.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.10	20.000	0.81	1.41	0.03	3.2	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.10	21.000	0.81	0.25	0.05	3.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	31.20	21.000	1.54	0.99	0.13	7.3	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	56.40	21.000	1.79	1.04	0.18	9.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	55.80	21.000	1.84	1.15	0.18	16.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	10.20	21.000	1.22	0.76	0.08	7.9	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	21.89	21.000	1.44	0.72	0.12	7.8	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	17.40	20.000	1.35	0.69	0.12	13.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	192.69	21.000	2.32	2.20	0.25	8.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	207.90	21.000	2.37	2.33	0.25	9.8	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	1.50	20.000	0.74	0.13	0.06	2.9	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	16.50	21.000	1.38	1.25	0.09	10.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	4.80	20.000	1.00	0.95	0.05	4.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	4.80	21.000	0.95	1.00	0.05	7.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	117.87	21.000	2.18	5.42	0.16	11.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	67.86	21.000	1.88	1.66	0.17	10.8	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	80.16	21.000	1.96	1.62	0.19	11.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	18.90	21.000	1.38	1.03	0.10	6.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	102.33	21.000	2.17	4.47	0.17	14.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	28.81	21.000	1.60	2.89	0.10	11.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	67.86	20.000	2.02	4.40	0.14	15.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	57.57	21.000	1.85	1.67	0.16	11.7	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	33.06	20.000	1.66	1.09	0.14	10.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,559.95	20.000	4.21	7.23	0.59	31.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,197.39	20.000	3.87	9.08	0.48	22.3	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	653.77	20.000	3.24	7.42	0.35	16.8	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	346.62	20.000	2.52	2.72	0.34	23.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,838.60	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	31.90	20.000	1.64	0.20	0.39	12.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	85.55	20.000	2.15	1.64	0.22	23.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	75.40	20.000	2.08	1.45	0.22	21.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	50.75	20.000	1.86	3.57	0.13	14.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	25.52	21.000	1.55	0.75	0.14	11.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	68.50	21.000	2.03	2.94	0.16	20.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	46.50	21.000	1.75	0.78	0.19	14.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	158.00	21.000	2.36	1.95	0.26	15.3	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	205.75	21.000	2.54	3.83	0.25	21.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	80.70	22.000	1.97	1.22	0.21	11.5	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	44.95	20.000	1.80	3.84	0.11	12.8	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	18.55	21.000	1.42	0.49	0.14	10.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	79.33	21.000	2.11	1.69	0.21	18.8	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	108.68	21.000	2.31	1.86	0.25	21.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	119.91	21.000	1.78	2.02	0.25	32.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	176.20	21.000	2.34	1.95	0.26	13.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	225.11	21.000	2.50	4.89	0.22	13.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	197.45	21.000	2.41	2.26	0.26	19.2	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	237.70	21.000	2.45	3.87	0.23	13.1	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	92.80	20.000	2.21	4.99	0.16	17.6	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	35.06	21.000	1.69	1.33	0.14	13.3	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	48.32	21.000	1.84	1.97	0.15	21.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	24.30	22.000	1.44	0.30	0.19	6.1	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	329.99	21.000	2.56	6.03	0.23	8.2	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	313.82	21.000	2.52	3.65	0.26	11.1	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	293.87	21.000	2.48	3.50	0.25	11.0	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,023.85	20.000	3.89	7.30	0.49	30.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	239.27	20.000	2.54	3.81	0.25	17.1	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	98.09	21.000	1.93	1.21	0.24	20.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	265.82	20.000	2.41	5.30	0.21	7.7	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	286.41	21.000	2.46	5.83	0.21	7.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	257.43	21.000	2.51	5.28	0.22	11.2	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	4.80	21.000	1.00	1.43	0.04	5.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	24.75	20.000	1.48	2.90	0.08	7.6	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	12.85	21.000	1.25	0.28	0.14	6.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.15	20.000	1.22	2.30	0.06	6.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	2.10	21.000	0.81	0.09	0.08	3.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	57.35	21.000	1.80	0.85	0.20	9.8	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	161.07	21.000	2.37	4.86	0.20	15.0	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	65.43	21.000	1.92	1.14	0.20	18.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	41.25	21.000	1.76	1.36	0.15	15.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	66.75	21.000	1.93	1.41	0.19	13.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	34.80	20.000	1.65	1.27	0.14	19.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.05	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	225.44	21.000	2.42	2.03	0.28	9.5	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	286.27	21.000	2.58	5.74	0.23	11.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.25	20.000	1.11	0.20	0.12	6.0	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	74.00	21.000	2.07	3.14	0.16	20.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	23.20	20.000	1.51	3.16	0.08	9.3	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	9.52	21.000	1.17	1.20	0.07	10.0	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	147.64	21.000	2.31	5.81	0.18	12.5	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	73.18	21.000	1.92	1.60	0.18	11.2	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	93.78	21.000	2.05	1.85	0.19	12.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	19.17	21.000	1.39	0.67	0.12	6.7	31.9

Current Time: 31.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	173.60	21.000	2.52	5.22	0.22	19.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	91.35	21.000	2.19	4.08	0.17	20.0	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	67.86	20.000	2.02	1.64	0.19	15.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	102.66	21.000	2.17	1.91	0.22	15.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	33.06	20.000	1.66	0.70	0.17	10.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,559.95	20.000	4.21	4.11	0.72	31.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,616.42	20.000	4.26	4.13	0.73	25.9	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,691.46	20.000	4.32	3.87	0.78	27.0	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,697.26	20.000	3.89	3.61	0.83	54.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,863.88	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	31.90	20.000	1.64	0.20	0.39	12.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	85.55	20.000	2.15	1.14	0.26	23.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	75.40	20.000	2.08	1.01	0.25	21.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	50.75	20.000	1.86	3.57	0.13	14.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	50.75	21.000	1.86	1.08	0.19	15.6	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	108.75	21.000	2.31	2.20	0.23	26.0	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	132.75	21.000	2.33	0.83	0.38	23.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	268.97	21.000	2.75	2.11	0.36	19.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	390.05	21.000	3.06	4.60	0.34	29.0	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 31.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	390.04	22.000	3.06	2.12	0.45	24.8	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	44.95	20.000	1.80	3.84	0.11	12.8	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	44.95	21.000	1.80	0.93	0.19	15.5	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	112.38	21.000	2.33	1.68	0.26	22.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	179.80	21.000	2.69	1.99	0.33	27.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	224.75	21.000	2.11	1.41	0.45	44.9	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	761.34	21.000	3.54	3.37	0.53	26.8	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	817.41	21.000	3.62	7.14	0.43	26.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	816.70	21.000	3.62	3.99	0.52	39.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	865.75	21.000	3.51	3.48	0.53	24.8	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	92.80	20.000	2.21	4.99	0.16	17.6	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	92.80	21.000	2.21	1.87	0.22	21.4	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	117.45	21.000	2.36	2.55	0.23	33.6	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	117.45	22.000	2.18	0.36	0.54	12.8	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,653.20	21.000	4.58	4.57	0.86	22.4	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,659.88	21.000	4.58	4.46	0.87	32.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,772.10	21.000	4.64	6.76	0.77	33.2	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,023.85	20.000	3.89	7.30	0.49	30.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,023.85	20.000	3.89	3.60	0.62	35.7	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	188.37	21.000	2.34	0.79	0.46	27.9	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,863.87	20.000	4.69	10.76	0.69	24.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,754.36	21.000	4.63	11.47	0.67	22.7	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,277.47	21.000	3.95	8.49	0.50	24.5	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	23.20	21.000	1.51	2.30	0.09	11.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	24.75	20.000	1.48	2.90	0.08	7.6	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	24.75	21.000	1.48	0.34	0.19	8.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.15	20.000	1.22	2.30	0.06	6.6	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.15	21.000	1.22	0.38	0.11	6.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	129.79	21.000	2.24	1.39	0.27	14.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	251.59	21.000	2.69	1.82	0.36	18.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	173.51	21.000	2.52	1.43	0.34	29.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	49.30	21.000	1.85	1.17	0.18	17.0	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	105.79	21.000	2.19	1.53	0.24	16.6	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	34.80	20.000	1.65	0.84	0.17	19.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	877.16	21.000	3.53	3.34	0.54	18.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	949.79	21.000	3.61	2.02	0.70	20.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.25	20.000	1.11	0.19	0.13	6.0	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	79.75	21.000	2.11	1.92	0.20	21.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	23.20	20.000	1.51	3.16	0.08	9.3	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	23.20	21.000	1.51	1.53	0.10	15.3	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	436.25	21.000	3.16	8.00	0.31	21.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	135.72	21.000	2.26	2.01	0.24	15.1	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	160.32	21.000	2.37	1.99	0.26	16.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	91.35	21.000	2.10	1.75	0.21	14.1	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 32.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	242.31	21.000	2.78	5.76	0.26	22.8	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	87.47	21.000	2.17	4.03	0.17	19.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	141.38	20.000	2.50	5.46	0.20	22.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	116.19	21.000	2.25	2.03	0.23	16.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	68.87	20.000	2.03	1.39	0.21	15.3	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,555.00	20.000	4.21	4.08	0.72	31.6	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,628.52	20.000	4.27	4.19	0.73	26.0	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,673.90	20.000	4.31	3.85	0.77	26.9	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,686.82	20.000	3.88	3.60	0.83	53.8	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,863.90	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	22.00	20.000	1.49	0.14	0.38	10.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	59.00	20.000	1.94	0.88	0.23	19.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	52.00	20.000	1.87	0.77	0.23	18.0	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	35.00	20.000	1.69	1.41	0.14	12.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	44.87	21.000	1.80	1.08	0.18	14.7	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	90.75	21.000	2.19	1.61	0.23	23.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	158.75	21.000	2.45	1.00	0.39	26.0	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	228.93	21.000	2.62	1.97	0.33	18.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	341.12	21.000	2.94	2.68	0.38	27.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	390.05	22.000	3.06	2.13	0.45	24.8	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	31.00	20.000	1.63	1.32	0.13	10.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	41.33	21.000	1.76	1.00	0.17	14.9	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	90.43	21.000	2.19	1.52	0.24	20.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	151.83	21.000	2.55	1.85	0.31	24.8	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	196.03	21.000	2.04	1.23	0.43	41.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	757.55	21.000	3.54	3.41	0.52	26.8	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	799.54	21.000	3.59	3.56	0.53	25.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	810.36	21.000	3.61	3.99	0.51	39.6	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	848.69	21.000	3.49	3.39	0.52	24.5	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	64.00	20.000	1.98	1.60	0.19	14.7	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	86.59	21.000	2.16	1.85	0.21	20.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	108.05	21.000	2.31	2.49	0.22	32.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	117.45	22.000	2.18	0.36	0.55	12.8	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,644.43	21.000	4.58	4.56	0.86	22.4	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,658.04	21.000	4.58	4.43	0.87	32.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,796.70	21.000	4.66	4.65	0.88	33.4	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,009.00	20.000	3.87	3.84	0.60	30.0	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,020.49	20.000	3.88	3.63	0.62	35.7	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	194.91	21.000	2.36	0.83	0.46	28.4	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,863.90	20.000	4.69	10.76	0.69	24.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,799.13	21.000	4.66	11.52	0.67	22.9	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,256.00	21.000	3.93	8.45	0.50	24.3	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	23.20	21.000	1.51	2.30	0.09	11.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	51.56	20.000	1.80	3.63	0.12	10.8	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	25.78	21.000	1.50	0.35	0.19	8.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	7.00	20.000	1.10	0.84	0.06	5.5	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 32.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.15	21.000	1.22	0.47	0.10	6.6	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	124.35	21.000	2.21	1.50	0.25	14.2	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	212.12	21.000	2.57	1.53	0.35	17.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	187.87	21.000	2.58	1.54	0.35	30.7	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	37.15	21.000	1.71	1.00	0.16	14.8	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	88.30	21.000	2.08	1.01	0.26	15.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	72.50	20.000	2.05	1.61	0.20	27.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	885.78	21.000	3.54	3.40	0.54	18.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	935.71	21.000	3.60	2.00	0.70	20.2	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	5.00	20.000	1.02	0.17	0.11	5.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	57.25	21.000	1.93	1.42	0.18	18.3	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	16.00	20.000	1.37	1.11	0.09	7.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	21.35	21.000	1.48	1.39	0.10	14.7	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	440.50	21.000	3.18	8.02	0.31	21.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	147.24	21.000	2.31	1.93	0.25	15.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	189.82	21.000	2.48	2.30	0.28	17.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	91.25	21.000	2.10	1.81	0.21	14.1	31.9

Current Time: 33.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	214.42	21.000	2.67	2.67	0.30	21.5	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	63.00	21.000	1.98	3.66	0.14	16.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	141.38	20.000	2.50	2.05	0.28	22.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	213.87	21.000	2.67	2.37	0.32	22.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	68.87	20.000	2.03	0.89	0.25	15.3	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	11.00	20.000	1.10	0.07	0.23	2.9	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	498.82	20.000	3.00	1.66	0.50	14.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,144.46	20.000	3.82	3.00	0.67	22.2	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,419.88	20.000	3.72	3.23	0.77	48.5	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	22.01	20.000	1.03	0.04	0.47	4.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	22.00	20.000	1.49	2.58	0.08	10.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	59.00	20.000	1.94	1.01	0.22	19.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	52.00	20.000	1.87	0.89	0.21	18.0	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	35.00	20.000	1.69	3.21	0.10	12.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	35.00	21.000	1.69	0.97	0.16	13.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	75.00	21.000	2.08	1.58	0.21	21.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	125.00	21.000	2.29	0.95	0.33	23.1	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	185.50	21.000	2.47	1.89	0.29	16.6	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	269.00	21.000	2.75	2.75	0.32	24.0	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 33.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	269.00	22.000	2.75	1.80	0.38	20.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	31.00	20.000	1.63	3.43	0.10	10.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	31.00	21.000	1.63	0.84	0.15	13.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	77.50	21.000	2.10	1.50	0.22	18.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	124.00	21.000	2.40	1.77	0.27	22.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	155.00	21.000	1.91	1.18	0.37	36.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	559.28	21.000	3.23	3.08	0.45	23.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	598.46	21.000	3.29	3.29	0.46	22.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	598.74	21.000	3.29	3.67	0.44	33.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	633.62	21.000	3.21	3.11	0.45	21.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	64.00	20.000	1.98	4.47	0.14	14.7	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	64.00	21.000	1.98	1.68	0.18	17.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	81.00	21.000	2.12	2.29	0.19	27.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	81.00	22.000	1.97	0.26	0.50	10.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,387.97	21.000	4.43	4.41	0.82	21.3	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,402.49	21.000	4.44	4.31	0.83	30.4	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,506.70	21.000	4.50	4.49	0.84	31.5	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	33.00	20.000	1.51	0.15	0.32	5.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	788.22	20.000	3.58	2.66	0.59	31.2	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	390.51	21.000	2.86	1.58	0.54	41.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,594.79	20.000	4.55	10.46	0.66	23.2	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,514.12	21.000	4.50	11.17	0.63	21.7	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,360.53	21.000	4.03	8.64	0.52	25.3	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	16.00	21.000	1.37	2.06	0.07	9.7	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	51.56	20.000	1.80	3.63	0.12	10.8	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	51.56	21.000	1.80	0.43	0.28	12.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	7.00	20.000	1.10	2.06	0.05	5.5	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	7.00	21.000	1.10	0.34	0.09	5.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	96.00	21.000	2.06	1.31	0.23	12.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	180.01	21.000	2.45	1.34	0.33	15.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	214.45	21.000	2.67	1.82	0.35	32.9	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	34.00	21.000	1.67	1.05	0.15	14.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	73.02	21.000	1.98	0.91	0.24	13.9	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	72.50	20.000	2.05	1.05	0.24	27.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.09	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	661.45	21.000	3.25	3.08	0.46	16.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	714.14	21.000	3.32	1.63	0.64	17.7	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	5.00	20.000	1.02	0.17	0.10	5.1	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	55.00	21.000	1.91	1.73	0.17	17.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	16.00	20.000	1.37	2.80	0.07	7.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	16.00	21.000	1.37	1.37	0.09	12.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	418.30	21.000	3.13	7.90	0.31	20.8	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	282.75	21.000	2.78	2.47	0.35	21.6	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	334.00	21.000	2.92	2.45	0.39	23.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	63.00	21.000	1.90	1.50	0.18	11.8	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 34.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	165.31	21.000	2.48	2.14	0.28	18.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	59.98	21.000	1.95	3.60	0.14	16.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	96.14	20.000	2.23	1.43	0.25	18.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	205.55	21.000	2.64	2.32	0.31	21.7	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	46.84	20.000	1.82	0.62	0.24	12.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	7.15	20.000	0.99	0.21	0.09	2.4	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	56.60	20.000	1.68	1.07	0.15	5.2	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	104.23	20.000	1.97	1.58	0.19	7.0	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	122.42	20.000	1.85	0.57	0.34	13.8	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	22.00	20.000	1.03	1.28	0.08	4.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	14.30	20.000	1.33	1.20	0.08	8.4	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	38.35	20.000	1.73	0.75	0.19	15.7	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	33.80	20.000	1.67	0.66	0.18	14.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	22.75	20.000	1.50	1.21	0.11	9.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	30.43	21.000	1.62	0.98	0.14	12.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	61.00	21.000	1.96	1.41	0.19	19.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	109.00	21.000	2.20	0.83	0.33	21.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	154.35	21.000	2.35	1.75	0.27	15.2	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	230.94	21.000	2.63	2.36	0.31	22.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	269.00	22.000	2.75	1.81	0.38	20.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	20.15	20.000	1.46	1.14	0.10	8.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	28.18	21.000	1.59	0.91	0.14	12.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	60.43	21.000	1.96	1.34	0.19	16.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	102.24	21.000	2.27	1.63	0.25	20.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	132.66	21.000	1.83	1.01	0.36	33.7	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	555.50	21.000	3.22	3.11	0.44	22.9	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	583.18	21.000	3.26	3.23	0.45	22.0	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	591.60	21.000	3.28	3.65	0.44	33.5	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	617.00	21.000	3.19	3.09	0.44	20.9	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	41.60	20.000	1.76	1.37	0.15	12.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	59.17	21.000	1.95	1.66	0.18	17.1	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	73.69	21.000	2.07	2.23	0.18	26.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	81.00	22.000	1.97	0.45	0.34	10.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	833.88	21.000	3.28	3.24	0.47	12.7	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	846.30	21.000	3.29	3.03	0.49	18.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	947.74	21.000	3.39	3.39	0.50	19.3	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	21.45	20.000	1.35	1.04	0.09	4.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	30.39	20.000	1.47	0.22	0.24	6.4	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	387.92	21.000	2.86	3.06	0.40	40.9	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	22.00	20.000	1.28	2.47	0.06	2.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	949.94	21.000	3.40	8.37	0.39	13.5	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	451.75	21.000	2.92	6.25	0.30	14.7	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	16.00	21.000	1.37	2.06	0.07	9.7	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	35.06	20.000	1.62	1.23	0.13	9.0	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	50.93	21.000	1.79	0.43	0.28	12.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	4.55	20.000	0.99	0.71	0.05	4.5	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 34.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	7.00	21.000	1.10	0.44	0.08	5.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	89.65	21.000	2.02	1.40	0.21	12.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	148.64	21.000	2.32	1.14	0.32	14.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	204.24	21.000	2.64	1.77	0.35	32.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	24.55	21.000	1.53	0.88	0.13	12.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	59.35	21.000	1.87	0.89	0.21	12.5	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	49.30	20.000	1.83	0.74	0.22	22.8	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.09	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	643.19	21.000	3.23	3.09	0.46	15.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	684.11	21.000	3.28	3.19	0.47	17.3	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.25	20.000	0.90	0.15	0.08	4.2	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	37.50	21.000	1.72	1.22	0.15	14.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	10.40	20.000	1.22	0.95	0.07	6.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	14.56	21.000	1.34	1.25	0.08	12.2	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	403.13	21.000	3.09	7.81	0.30	20.4	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	275.66	21.000	2.76	2.51	0.34	21.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	315.84	21.000	2.87	2.33	0.38	22.9	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	62.92	21.000	1.90	1.58	0.17	11.8	31.9

Current Time: 35.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	143.62	21.000	2.38	2.38	0.25	17.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	40.95	21.000	1.76	3.22	0.11	13.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	96.14	20.000	2.23	1.82	0.23	18.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	145.44	21.000	2.39	2.11	0.26	18.3	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	46.84	20.000	1.82	0.78	0.21	12.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	7.15	20.000	0.99	0.22	0.09	2.4	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	55.56	20.000	1.68	1.18	0.15	5.1	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	89.20	20.000	1.90	1.65	0.17	6.5	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	91.80	20.000	1.69	0.57	0.28	12.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	14.31	20.000	0.90	1.14	0.07	3.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	14.30	20.000	1.33	2.27	0.07	8.4	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	38.35	20.000	1.73	0.89	0.17	15.7	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	33.80	20.000	1.67	0.78	0.17	14.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	22.75	20.000	1.50	2.81	0.08	9.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	22.75	21.000	1.50	0.86	0.13	10.6	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	48.75	21.000	1.84	1.37	0.17	17.4	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	82.75	21.000	2.05	0.84	0.27	18.8	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	120.58	21.000	2.19	1.67	0.24	13.5	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	174.85	21.000	2.43	2.43	0.26	19.4	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 35.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	174.85	22.000	2.43	1.57	0.31	16.7	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	20.15	20.000	1.46	3.02	0.08	8.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	20.15	21.000	1.46	0.74	0.12	10.5	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	50.38	21.000	1.86	1.33	0.17	15.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	80.60	21.000	2.12	1.56	0.22	18.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	100.75	21.000	1.69	1.02	0.30	29.2	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	365.07	21.000	2.85	2.72	0.36	18.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	390.56	21.000	2.91	2.91	0.37	18.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	390.78	21.000	2.91	3.25	0.35	27.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	413.50	21.000	2.85	2.76	0.36	17.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	41.60	20.000	1.76	3.93	0.11	12.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	41.60	21.000	1.76	1.49	0.15	14.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	52.65	21.000	1.89	2.02	0.15	22.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	52.65	22.000	1.76	0.39	0.27	8.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	563.34	21.000	2.94	2.92	0.39	10.6	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	569.50	21.000	2.96	2.74	0.40	14.8	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	631.95	21.000	3.04	3.02	0.41	15.8	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	21.45	20.000	1.35	2.29	0.07	4.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	21.45	20.000	1.35	0.20	0.20	5.4	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	267.55	21.000	2.58	2.74	0.33	33.5	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	14.31	20.000	1.14	2.18	0.05	2.0	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	637.39	21.000	3.05	7.42	0.32	11.1	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	318.25	21.000	2.66	5.64	0.25	12.4	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	10.40	21.000	1.22	1.82	0.06	7.8	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	35.06	20.000	1.62	3.24	0.10	9.0	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	35.06	21.000	1.62	0.38	0.23	10.2	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	4.55	20.000	0.99	1.81	0.04	4.5	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	4.55	21.000	0.99	0.31	0.07	4.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	67.60	21.000	1.88	1.22	0.19	10.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	122.20	21.000	2.20	1.21	0.27	13.1	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	143.65	21.000	2.38	1.59	0.29	26.8	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	22.10	21.000	1.48	0.93	0.12	11.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	47.47	21.000	1.76	0.79	0.19	11.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	49.30	20.000	1.83	0.93	0.20	22.8	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.07	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	432.49	21.000	2.89	2.73	0.37	13.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	466.86	21.000	2.95	2.88	0.38	14.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.25	20.000	0.90	0.15	0.08	4.2	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	35.75	21.000	1.70	1.53	0.13	14.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	10.40	20.000	1.22	1.20	0.07	6.4	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	10.40	21.000	1.20	1.22	0.07	10.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	282.07	21.000	2.78	7.04	0.25	17.1	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	192.27	21.000	2.49	2.21	0.28	17.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	227.12	21.000	2.61	2.19	0.32	19.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	40.95	21.000	1.70	1.26	0.14	9.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 36.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	155.99	21.000	2.44	5.06	0.20	18.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	41.81	21.000	1.77	3.24	0.11	13.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	107.45	20.000	2.30	2.01	0.24	19.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	147.52	21.000	2.40	2.12	0.26	18.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	52.34	20.000	1.88	0.87	0.21	13.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,552.25	20.000	4.20	7.22	0.59	31.6	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,190.96	20.000	3.87	9.07	0.48	22.2	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	632.18	20.000	3.21	7.34	0.35	16.6	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	359.44	20.000	2.54	2.17	0.37	23.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,846.30	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	16.50	20.000	1.38	0.11	0.38	9.0	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	44.25	20.000	1.80	0.97	0.18	16.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	39.00	20.000	1.74	0.86	0.18	15.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	26.25	20.000	1.56	2.93	0.09	10.7	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	24.06	21.000	1.53	0.86	0.13	10.9	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	52.75	21.000	1.89	1.44	0.17	18.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	86.75	21.000	2.07	0.88	0.27	19.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	129.47	21.000	2.24	1.72	0.24	14.0	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	185.72	21.000	2.47	3.71	0.23	20.0	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	174.85	22.000	2.43	1.57	0.31	16.7	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	23.25	20.000	1.51	3.13	0.08	9.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	20.95	21.000	1.47	0.72	0.13	10.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	55.25	21.000	1.91	1.38	0.18	15.7	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	86.82	21.000	2.17	1.61	0.23	18.8	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	107.13	21.000	1.72	1.08	0.30	30.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	365.85	21.000	2.85	2.71	0.36	18.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	394.44	21.000	2.92	5.77	0.30	18.2	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	392.03	21.000	2.91	3.25	0.35	27.1	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	417.06	21.000	2.86	2.77	0.36	17.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	48.00	20.000	1.83	4.11	0.12	12.8	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	42.98	21.000	1.78	1.50	0.15	14.7	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	54.74	21.000	1.91	2.04	0.16	22.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	52.65	22.000	1.76	0.39	0.27	8.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	582.84	21.000	2.97	7.15	0.30	10.7	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	580.96	21.000	2.97	2.81	0.40	15.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	625.40	21.000	3.03	4.39	0.36	15.8	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,000.75	20.000	3.86	7.26	0.48	29.8	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	242.98	20.000	2.55	1.89	0.32	17.3	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	274.07	21.000	2.60	2.45	0.35	34.0	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	273.52	20.000	2.43	5.35	0.21	7.8	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	624.20	21.000	3.03	7.38	0.31	11.0	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	407.06	21.000	2.84	6.05	0.28	14.0	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	10.40	21.000	1.22	1.82	0.06	7.8	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	39.19	20.000	1.67	3.35	0.10	9.4	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	35.22	21.000	1.62	0.38	0.23	10.3	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	5.25	20.000	1.03	1.87	0.04	4.8	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 36.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	4.55	21.000	0.99	0.28	0.08	4.5	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	83.70	21.000	1.99	1.40	0.20	11.7	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	135.57	21.000	2.26	1.32	0.28	13.8	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	146.15	21.000	2.40	1.60	0.29	27.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	24.80	21.000	1.54	0.98	0.13	12.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	51.35	21.000	1.80	0.80	0.20	11.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	55.10	20.000	1.89	1.03	0.20	24.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.07	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	435.52	21.000	2.89	2.73	0.38	13.1	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	472.39	21.000	2.96	2.85	0.39	14.5	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.75	20.000	0.94	0.16	0.09	4.4	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	40.75	21.000	1.75	1.73	0.14	15.5	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	12.00	20.000	1.27	2.56	0.06	6.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	10.81	21.000	1.22	1.24	0.07	10.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	286.94	21.000	2.80	7.07	0.25	17.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	194.04	21.000	2.50	2.20	0.29	18.0	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	231.66	21.000	2.63	2.20	0.32	19.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	40.97	21.000	1.70	1.08	0.15	9.6	31.9

Current Time: 37.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	162.19	21.000	2.47	5.13	0.21	18.7	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	47.25	21.000	1.83	3.35	0.12	14.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	107.45	20.000	2.30	1.88	0.24	19.4	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	162.55	21.000	2.47	2.18	0.27	19.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	52.34	20.000	1.88	0.81	0.22	13.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,552.25	20.000	4.20	4.11	0.72	31.6	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,606.89	20.000	4.25	4.18	0.73	25.8	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,645.70	20.000	4.29	3.85	0.76	26.6	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,648.70	20.000	3.86	3.97	0.79	53.0	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,848.50	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	16.50	20.000	1.38	0.11	0.38	9.0	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	44.25	20.000	1.80	0.93	0.19	16.8	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	39.00	20.000	1.74	0.82	0.18	15.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	26.25	20.000	1.56	2.93	0.09	10.7	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	26.25	21.000	1.56	0.90	0.14	11.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	56.25	21.000	1.92	1.45	0.18	18.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	94.25	21.000	2.12	0.87	0.29	20.1	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	139.12	21.000	2.28	1.74	0.25	14.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	201.75	21.000	2.53	3.80	0.24	20.8	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 37.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	201.75	22.000	2.53	1.64	0.33	17.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	23.25	20.000	1.51	3.13	0.08	9.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	23.25	21.000	1.51	0.77	0.13	11.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	58.13	21.000	1.94	1.38	0.19	16.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	93.00	21.000	2.21	1.63	0.24	19.5	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	116.25	21.000	1.76	1.07	0.32	31.4	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	419.69	21.000	2.97	2.83	0.39	19.9	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	448.90	21.000	3.03	6.00	0.32	19.4	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	448.83	21.000	3.03	3.38	0.38	29.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	474.62	21.000	2.96	2.87	0.39	18.4	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	48.00	20.000	1.83	4.11	0.12	12.8	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	48.00	21.000	1.83	1.55	0.16	15.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	60.75	21.000	1.96	2.11	0.16	23.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	60.75	22.000	1.82	0.20	0.47	9.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,186.72	21.000	4.32	4.31	0.78	20.4	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,191.98	21.000	4.32	4.23	0.78	29.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,256.95	21.000	4.36	6.38	0.69	29.9	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,000.75	20.000	3.86	7.26	0.48	29.8	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,000.75	20.000	3.86	3.41	0.63	35.3	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	304.16	21.000	2.67	1.24	0.51	35.9	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,848.50	20.000	4.68	10.75	0.69	24.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,255.40	21.000	4.36	10.82	0.60	20.5	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,338.66	21.000	4.01	8.60	0.52	25.1	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	12.00	21.000	1.27	1.90	0.06	8.4	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	39.19	20.000	1.67	3.35	0.10	9.4	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	39.19	21.000	1.67	0.39	0.24	10.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	5.25	20.000	1.03	1.87	0.04	4.8	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	5.25	21.000	1.03	0.32	0.08	4.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	90.00	21.000	2.03	1.38	0.21	12.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	153.00	21.000	2.34	1.34	0.30	14.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	162.18	21.000	2.47	1.60	0.31	28.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	25.50	21.000	1.55	0.97	0.13	12.3	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	54.74	21.000	1.83	0.83	0.21	12.0	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	55.10	20.000	1.89	0.97	0.21	24.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	495.14	21.000	3.00	2.84	0.40	13.9	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	533.75	21.000	3.06	1.29	0.59	15.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	3.75	20.000	0.94	0.16	0.09	4.4	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	41.25	21.000	1.76	1.60	0.14	15.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	12.00	20.000	1.27	1.26	0.07	6.9	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	12.00	21.000	1.26	1.27	0.07	11.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	333.21	21.000	2.92	7.37	0.27	18.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	214.89	21.000	2.57	2.28	0.30	18.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	253.84	21.000	2.70	2.23	0.34	20.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	47.25	21.000	1.76	1.18	0.16	10.3	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 38.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	169.49	21.000	2.50	5.18	0.21	19.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	48.54	21.000	1.84	3.38	0.12	14.7	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	113.10	20.000	2.34	1.97	0.25	19.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	163.59	21.000	2.48	2.19	0.27	19.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	55.10	20.000	1.91	0.85	0.22	13.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,553.90	20.000	4.21	4.10	0.72	31.6	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,613.46	20.000	4.26	4.18	0.73	25.9	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,656.57	20.000	4.29	3.87	0.77	26.7	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,654.65	20.000	3.86	3.98	0.79	53.1	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,848.50	20.000	4.33	4.68	0.92	47.3	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	19.80	20.000	1.44	0.13	0.38	9.8	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	53.10	20.000	1.89	1.04	0.20	18.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	46.80	20.000	1.82	0.92	0.19	17.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	31.50	20.000	1.64	3.10	0.10	11.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	28.21	21.000	1.59	0.89	0.14	11.8	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	62.25	21.000	1.97	1.58	0.19	19.7	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	96.25	21.000	2.13	0.88	0.29	20.3	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	152.47	21.000	2.34	1.81	0.26	15.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	218.06	21.000	2.58	3.89	0.25	21.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	201.75	22.000	2.53	1.64	0.33	17.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	27.90	20.000	1.58	3.32	0.09	10.2	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	24.46	21.000	1.53	0.75	0.14	11.6	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	65.44	21.000	2.00	1.45	0.20	17.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	102.32	21.000	2.27	1.69	0.25	20.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	125.82	21.000	1.80	1.16	0.33	32.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	421.25	21.000	2.97	2.81	0.39	20.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	455.35	21.000	3.04	6.02	0.32	19.5	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	451.74	21.000	3.03	3.39	0.38	29.1	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	481.52	21.000	2.98	2.89	0.39	18.5	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	57.60	20.000	1.93	4.34	0.13	14.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	50.07	21.000	1.86	1.55	0.16	15.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	63.88	21.000	1.98	2.14	0.17	24.6	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	60.75	22.000	1.82	0.20	0.47	9.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,196.08	21.000	4.32	4.32	0.78	20.4	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,199.97	21.000	4.32	4.24	0.79	29.0	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,261.45	21.000	4.36	6.39	0.69	29.9	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,005.70	20.000	3.87	7.27	0.49	29.9	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,001.87	20.000	3.86	3.41	0.63	35.3	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	308.67	21.000	2.68	1.25	0.51	36.2	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,848.50	20.000	4.68	10.75	0.69	24.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,260.55	21.000	4.36	10.82	0.60	20.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,345.88	21.000	4.02	8.62	0.52	25.1	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	12.00	21.000	1.27	1.90	0.06	8.4	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	41.25	20.000	1.70	3.40	0.11	9.7	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	39.27	21.000	1.67	0.39	0.24	10.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	6.30	20.000	1.07	2.00	0.04	5.3	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 38.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	5.25	21.000	1.03	0.29	0.08	4.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	103.15	21.000	2.10	1.46	0.23	13.0	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	169.66	21.000	2.41	1.47	0.31	15.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	163.70	21.000	2.48	1.60	0.31	28.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	29.55	21.000	1.61	1.04	0.14	13.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	60.60	21.000	1.88	0.89	0.21	12.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	58.00	20.000	1.92	1.01	0.21	24.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	499.97	21.000	3.01	2.83	0.40	14.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	544.59	21.000	3.08	1.31	0.60	15.5	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	4.50	20.000	0.98	0.17	0.10	4.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	48.75	21.000	1.84	2.78	0.13	16.9	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	14.40	20.000	1.33	2.71	0.07	7.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	12.62	21.000	1.28	1.29	0.08	11.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	338.01	21.000	2.93	7.42	0.27	18.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	215.78	21.000	2.58	2.28	0.30	18.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	256.11	21.000	2.71	2.23	0.34	20.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	47.28	21.000	1.76	1.07	0.17	10.3	31.9

Current Time: 39.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	178.79	21.000	2.54	5.27	0.22	19.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	56.70	21.000	1.92	3.54	0.13	15.9	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	113.10	20.000	2.34	1.91	0.25	19.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	171.10	21.000	2.51	2.21	0.28	19.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	55.10	20.000	1.91	0.83	0.23	13.7	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	9.90	20.000	1.08	0.06	0.22	2.8	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	485.53	20.000	2.98	1.64	0.49	14.3	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,126.00	20.000	3.80	2.98	0.66	22.0	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,401.02	20.000	3.71	3.28	0.76	48.1	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	19.80	20.000	1.00	0.03	0.47	4.1	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	19.80	20.000	1.44	2.50	0.08	9.8	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	53.10	20.000	1.89	0.98	0.20	18.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	46.80	20.000	1.82	0.86	0.20	17.1	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	31.50	20.000	1.64	3.10	0.10	11.6	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	31.50	21.000	1.64	0.94	0.15	12.4	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	67.50	21.000	2.02	1.58	0.19	20.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	107.50	21.000	2.20	0.88	0.31	21.4	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	166.95	21.000	2.40	1.83	0.28	15.8	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	242.10	21.000	2.66	4.01	0.27	22.8	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 39.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	242.10	22.000	2.66	1.75	0.36	19.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	27.90	20.000	1.58	3.32	0.09	10.2	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	27.90	21.000	1.58	0.82	0.15	12.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	69.75	21.000	2.04	1.46	0.21	17.6	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	111.60	21.000	2.33	1.72	0.26	21.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	139.50	21.000	1.85	1.15	0.35	34.6	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	498.01	21.000	3.12	2.97	0.42	21.7	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	533.04	21.000	3.18	6.31	0.35	21.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	532.95	21.000	3.18	3.55	0.41	31.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	563.88	21.000	3.11	3.02	0.42	20.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	57.60	20.000	1.93	4.34	0.13	14.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	57.60	21.000	1.93	1.63	0.17	16.9	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	72.90	21.000	2.06	2.22	0.18	26.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	72.90	22.000	1.92	0.24	0.49	10.2	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,284.72	21.000	4.37	4.36	0.80	20.8	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,296.32	21.000	4.38	4.27	0.81	29.7	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,383.34	21.000	4.43	6.48	0.71	30.7	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	29.70	20.000	1.47	0.14	0.31	5.4	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	784.92	20.000	3.57	2.75	0.58	31.1	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	323.71	21.000	2.72	1.35	0.51	37.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,592.57	20.000	4.55	10.46	0.66	23.2	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,381.60	21.000	4.43	10.99	0.62	21.1	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,285.93	21.000	3.96	8.50	0.51	24.6	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	14.40	21.000	1.33	1.99	0.07	9.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	41.25	20.000	1.70	3.40	0.11	9.7	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	41.25	21.000	1.70	0.39	0.25	11.1	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	6.30	20.000	1.07	2.00	0.04	5.3	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	6.30	21.000	1.07	0.33	0.09	5.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	112.60	21.000	2.15	1.48	0.24	13.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	188.20	21.000	2.48	1.49	0.33	16.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	178.77	21.000	2.54	1.60	0.33	29.9	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	30.60	21.000	1.62	1.02	0.14	13.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	65.69	21.000	1.92	0.93	0.22	13.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	58.00	20.000	1.92	0.98	0.22	24.7	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	585.41	21.000	3.14	2.97	0.44	15.1	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	631.67	21.000	3.21	1.48	0.62	16.6	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	4.50	20.000	0.98	0.17	0.10	4.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	49.50	21.000	1.85	1.68	0.16	17.0	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	14.40	20.000	1.33	1.33	0.08	7.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	14.40	21.000	1.33	1.33	0.08	12.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	385.94	21.000	3.05	7.71	0.29	20.0	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	226.20	21.000	2.61	2.32	0.31	19.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	267.20	21.000	2.74	2.25	0.35	21.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	56.70	21.000	1.85	1.20	0.18	11.2	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	213.75	21.000	2.67	5.56	0.24	21.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	59.28	21.000	1.94	3.59	0.14	16.2	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	144.77	20.000	2.52	2.39	0.27	22.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	176.93	21.000	2.53	2.25	0.29	20.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	70.53	20.000	2.05	1.04	0.24	15.5	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	13.20	20.000	1.16	0.28	0.11	3.2	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	90.19	20.000	1.91	1.36	0.19	6.4	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	141.61	20.000	2.14	2.01	0.21	8.1	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	133.65	20.000	1.90	0.66	0.34	14.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	19.80	20.000	1.00	1.24	0.08	4.1	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	26.40	20.000	1.56	2.72	0.09	11.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	70.80	20.000	2.05	1.18	0.23	21.2	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	62.40	20.000	1.97	1.04	0.22	19.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	42.00	20.000	1.77	3.38	0.11	13.3	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	35.42	21.000	1.69	0.94	0.16	13.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	79.50	21.000	2.11	1.73	0.21	22.2	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	118.70	21.000	2.26	0.97	0.32	22.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	193.65	21.000	2.50	1.95	0.30	16.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	274.72	21.000	2.76	4.16	0.28	24.2	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	242.10	22.000	2.66	1.75	0.36	19.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	37.20	20.000	1.71	3.62	0.10	11.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	30.31	21.000	1.62	0.77	0.16	12.8	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	84.38	21.000	2.15	1.58	0.22	19.4	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	130.25	21.000	2.44	1.84	0.28	23.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	158.65	21.000	1.92	1.30	0.36	37.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	501.10	21.000	3.13	2.94	0.43	21.7	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	545.91	21.000	3.20	6.35	0.35	21.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	538.69	21.000	3.19	3.56	0.42	31.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	577.54	21.000	3.13	3.05	0.43	20.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	76.80	20.000	2.09	4.72	0.15	16.1	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	61.74	21.000	1.97	1.65	0.18	17.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	79.17	21.000	2.11	2.27	0.19	27.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	72.90	22.000	1.92	0.44	0.32	10.2	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	776.75	21.000	3.21	3.20	0.46	12.3	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	779.48	21.000	3.22	3.02	0.47	17.3	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	848.38	21.000	3.29	4.81	0.42	18.3	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	39.60	20.000	1.58	2.79	0.10	6.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	31.94	20.000	1.49	0.25	0.23	6.5	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	331.18	21.000	2.74	2.91	0.37	37.6	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	19.80	20.000	1.24	2.40	0.06	2.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	846.52	21.000	3.29	8.10	0.37	12.7	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	408.32	21.000	2.84	6.06	0.28	14.0	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	14.40	21.000	1.33	1.99	0.07	9.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	52.80	20.000	1.81	3.66	0.12	10.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	41.69	21.000	1.70	0.39	0.25	11.1	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	8.40	20.000	1.15	2.17	0.05	6.0	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	6.30	21.000	1.07	0.28	0.09	5.2	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	131.90	21.000	2.25	1.56	0.26	14.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	219.35	21.000	2.59	1.70	0.34	17.4	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	186.02	21.000	2.57	1.63	0.34	30.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	38.70	21.000	1.73	1.14	0.16	15.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	77.40	21.000	2.01	0.97	0.24	14.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	74.24	20.000	2.06	1.23	0.23	28.0	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.08	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	598.78	21.000	3.16	2.96	0.44	15.2	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	655.23	21.000	3.24	3.22	0.45	17.0	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.00	20.000	1.07	0.18	0.11	5.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	64.50	21.000	1.99	3.01	0.15	19.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	19.20	20.000	1.44	2.98	0.08	8.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	15.63	21.000	1.36	1.36	0.08	12.6	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	398.59	21.000	3.08	7.79	0.30	20.3	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	231.16	21.000	2.63	2.29	0.31	19.6	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	279.91	21.000	2.78	2.31	0.35	21.5	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	56.77	21.000	1.85	1.08	0.19	11.2	31.9

Current Time: 41.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	232.34	21.000	2.74	5.69	0.25	22.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	75.60	21.000	2.08	3.86	0.15	18.3	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	144.77	20.000	2.52	2.07	0.28	22.5	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	219.01	21.000	2.70	2.39	0.32	22.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	70.53	20.000	2.05	0.90	0.26	15.5	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	13.20	20.000	1.16	0.28	0.11	3.2	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	91.08	20.000	1.91	1.30	0.19	6.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	153.18	20.000	2.18	1.94	0.22	8.4	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	157.98	20.000	2.00	0.65	0.38	15.6	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	26.40	20.000	1.09	1.33	0.09	4.7	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	26.40	20.000	1.56	2.72	0.09	11.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	70.80	20.000	2.05	1.07	0.24	21.2	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	62.40	20.000	1.97	0.95	0.23	19.7	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	42.00	20.000	1.77	3.38	0.11	13.3	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	42.00	21.000	1.77	1.02	0.17	14.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	90.00	21.000	2.19	1.74	0.22	23.6	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	141.20	21.000	2.37	0.97	0.36	24.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	222.60	21.000	2.60	1.99	0.32	18.1	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	322.80	21.000	2.89	4.36	0.31	26.3	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 41.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	322.80	22.000	2.89	1.93	0.42	22.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	37.20	20.000	1.71	3.62	0.10	11.7	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	37.20	21.000	1.71	0.88	0.17	14.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	93.00	21.000	2.21	1.58	0.24	20.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	148.80	21.000	2.53	1.87	0.30	24.6	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	186.00	21.000	2.01	1.27	0.41	40.4	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	661.81	21.000	3.39	3.23	0.49	25.0	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	708.49	21.000	3.46	6.85	0.40	24.3	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	708.30	21.000	3.46	3.84	0.48	36.9	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	749.45	21.000	3.37	3.28	0.49	23.0	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	76.80	20.000	2.09	4.72	0.15	16.1	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	76.80	21.000	2.09	1.77	0.20	19.5	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	97.20	21.000	2.24	2.41	0.21	30.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	97.20	22.000	2.07	0.49	0.37	11.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,002.84	21.000	3.45	3.43	0.52	13.9	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,010.75	21.000	3.46	3.22	0.53	19.6	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,112.73	21.000	3.55	5.21	0.48	20.9	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	39.60	20.000	1.58	2.79	0.10	6.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	39.60	20.000	1.58	0.26	0.26	7.2	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	415.44	21.000	2.91	3.12	0.41	42.5	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	26.39	20.000	1.33	2.64	0.07	2.6	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,108.07	21.000	3.54	8.77	0.42	14.5	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	509.04	21.000	3.02	6.48	0.32	15.5	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	19.20	21.000	1.44	2.18	0.08	10.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	52.80	20.000	1.81	3.66	0.12	10.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	52.80	21.000	1.81	0.42	0.29	12.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	8.40	20.000	1.15	2.17	0.05	6.0	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	8.40	21.000	1.15	0.36	0.10	6.0	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	150.80	21.000	2.33	1.61	0.27	15.6	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	251.60	21.000	2.69	1.64	0.38	18.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	232.31	21.000	2.74	1.73	0.38	34.3	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	40.80	21.000	1.75	1.10	0.16	15.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	87.58	21.000	2.08	1.03	0.25	15.1	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	74.24	20.000	2.06	1.06	0.25	28.0	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	776.86	21.000	3.40	3.23	0.50	17.3	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	838.33	21.000	3.48	3.44	0.52	19.1	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.00	20.000	1.07	0.18	0.11	5.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	66.00	21.000	2.01	1.82	0.18	19.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	19.20	20.000	1.44	2.98	0.08	8.5	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	19.20	21.000	1.44	1.45	0.09	13.9	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	508.17	21.000	3.32	8.36	0.34	22.9	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	289.54	21.000	2.80	2.49	0.35	21.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	342.02	21.000	2.94	2.40	0.39	23.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	75.60	21.000	2.00	1.30	0.21	12.9	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 42.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	246.59	21.000	2.79	5.79	0.26	23.0	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	78.79	21.000	2.11	3.91	0.16	18.6	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	154.95	20.000	2.57	2.20	0.29	23.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	220.88	21.000	2.70	2.40	0.32	22.5	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	75.49	20.000	2.08	0.96	0.26	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,561.27	20.000	4.21	7.24	0.59	31.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,234.32	20.000	3.91	9.16	0.48	22.6	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	713.85	20.000	3.32	7.61	0.37	17.6	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	435.41	20.000	2.69	1.74	0.46	25.8	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,858.40	20.000	4.34	4.69	0.92	47.4	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	34.54	20.000	1.68	0.22	0.40	12.8	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	92.63	20.000	2.21	1.28	0.26	24.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	81.64	20.000	2.13	1.13	0.25	22.5	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	54.95	20.000	1.91	3.66	0.13	15.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	46.83	21.000	1.82	1.02	0.18	15.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	104.80	21.000	2.29	1.99	0.23	25.5	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	144.80	21.000	2.39	0.99	0.36	24.9	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	255.53	21.000	2.70	2.11	0.34	19.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	363.03	21.000	3.00	4.51	0.33	27.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	322.80	22.000	2.89	1.92	0.42	22.6	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	48.67	20.000	1.84	3.93	0.12	13.3	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	40.18	21.000	1.75	0.84	0.18	14.7	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	111.04	21.000	2.32	1.71	0.26	22.2	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	171.80	21.000	2.65	1.99	0.32	26.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	209.62	21.000	2.07	1.43	0.42	43.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	665.70	21.000	3.40	3.20	0.49	25.1	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	724.47	21.000	3.49	6.89	0.41	24.6	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	715.57	21.000	3.47	3.86	0.48	37.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	766.59	21.000	3.39	3.33	0.49	23.3	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	100.48	20.000	2.26	5.10	0.17	18.3	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	81.90	21.000	2.13	1.79	0.21	20.1	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	104.93	21.000	2.29	2.46	0.22	31.7	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	97.20	22.000	2.07	0.49	0.37	11.7	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,042.14	21.000	3.48	8.51	0.41	14.2	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,041.57	21.000	3.48	3.29	0.54	19.9	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,126.42	21.000	3.56	5.22	0.49	21.0	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,027.81	20.000	3.89	7.31	0.49	30.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	263.14	20.000	2.60	1.53	0.37	18.0	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	409.11	21.000	2.90	2.76	0.43	42.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	285.62	20.000	2.46	5.42	0.22	8.0	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,123.62	21.000	3.56	8.80	0.42	14.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	610.67	21.000	3.18	6.84	0.35	17.0	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	19.20	21.000	1.44	2.18	0.08	10.5	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.51	20.000	1.84	3.73	0.12	11.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	52.94	21.000	1.81	0.43	0.28	12.4	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.99	20.000	1.24	2.35	0.06	6.8	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 42.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	8.40	21.000	1.15	0.31	0.11	6.0	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	141.57	21.000	2.29	1.40	0.28	15.1	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	279.83	21.000	2.78	1.81	0.39	19.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	235.30	21.000	2.75	1.74	0.38	34.6	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	50.79	21.000	1.86	1.23	0.18	17.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	102.03	21.000	2.17	1.16	0.27	16.3	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	79.46	20.000	2.10	1.13	0.25	29.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	788.24	21.000	3.42	3.20	0.51	17.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	864.98	21.000	3.51	3.45	0.53	19.4	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.85	20.000	1.14	0.20	0.13	6.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	84.50	21.000	2.15	3.27	0.17	22.2	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	25.12	20.000	1.54	3.22	0.09	9.7	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	20.72	21.000	1.47	1.48	0.10	14.5	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	516.48	21.000	3.34	8.39	0.34	23.1	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	291.13	21.000	2.81	2.48	0.35	22.0	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	346.10	21.000	2.95	2.45	0.39	24.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	75.69	21.000	2.00	1.36	0.20	12.9	31.9

Current Time: 43.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	269.52	21.000	2.87	5.94	0.27	24.1	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	98.91	21.000	2.25	4.18	0.18	20.9	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	154.95	20.000	2.57	2.12	0.29	23.2	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	234.41	21.000	2.75	2.44	0.33	23.2	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	75.49	20.000	2.08	0.92	0.27	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,561.27	20.000	4.21	4.06	0.72	31.7	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,651.05	20.000	4.29	4.15	0.74	26.2	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,732.30	20.000	4.36	3.90	0.79	27.3	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,738.58	20.000	3.91	3.55	0.85	54.8	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,866.53	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	34.54	20.000	1.68	0.22	0.40	12.8	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	92.63	20.000	2.21	1.17	0.27	24.3	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	81.64	20.000	2.13	1.03	0.27	22.5	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	54.95	20.000	1.91	3.66	0.13	15.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	54.95	21.000	1.91	1.10	0.20	16.2	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	117.75	21.000	2.36	1.98	0.25	27.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	172.55	21.000	2.51	1.01	0.41	27.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	291.23	21.000	2.81	2.16	0.37	20.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	422.33	21.000	3.13	4.71	0.35	30.2	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 43.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	422.33	22.000	3.13	2.13	0.48	25.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	48.67	20.000	1.84	3.93	0.12	13.3	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	48.67	21.000	1.84	0.95	0.20	16.1	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	121.68	21.000	2.39	1.72	0.27	23.2	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	194.68	21.000	2.76	2.04	0.35	28.2	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	243.35	21.000	2.15	1.42	0.47	47.0	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	853.70	21.000	3.67	3.50	0.56	28.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	914.78	21.000	3.75	7.37	0.46	27.7	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	914.55	21.000	3.75	4.12	0.55	42.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	968.40	21.000	3.63	3.56	0.56	26.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	100.48	20.000	2.26	5.10	0.17	18.3	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	100.48	21.000	2.26	1.91	0.23	22.2	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	127.17	21.000	2.42	2.60	0.24	35.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	127.17	22.000	2.22	0.38	0.57	13.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,825.32	21.000	4.67	4.66	0.89	23.1	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,835.75	21.000	4.68	4.53	0.90	33.1	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,969.51	21.000	4.74	6.90	0.80	34.5	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,027.81	20.000	3.89	7.31	0.49	30.2	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,027.81	20.000	3.89	3.21	0.65	35.8	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	436.19	21.000	2.95	1.64	0.57	43.6	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,866.53	20.000	4.69	10.77	0.69	24.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,963.80	21.000	4.74	11.72	0.69	23.5	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,534.65	21.000	4.19	8.95	0.55	26.9	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	25.12	21.000	1.54	2.37	0.09	12.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.51	20.000	1.84	3.73	0.12	11.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.51	21.000	1.84	0.44	0.29	12.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	10.99	20.000	1.24	2.35	0.06	6.8	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.99	21.000	1.24	0.39	0.11	6.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	164.88	21.000	2.39	1.57	0.29	16.3	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	296.76	21.000	2.82	1.75	0.41	20.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	269.49	21.000	2.87	1.82	0.41	37.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	53.38	21.000	1.89	1.19	0.19	17.6	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	114.59	21.000	2.24	1.22	0.28	17.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	79.46	20.000	2.10	1.08	0.26	29.1	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	997.67	21.000	3.67	3.47	0.57	19.6	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,078.14	21.000	3.75	2.20	0.74	21.7	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	7.85	20.000	1.14	0.20	0.13	6.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	86.35	21.000	2.16	1.96	0.21	22.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	25.12	20.000	1.54	3.22	0.09	9.7	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	25.12	21.000	1.54	1.57	0.11	15.9	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	592.20	21.000	3.49	8.74	0.37	24.7	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	309.89	21.000	2.86	2.54	0.36	22.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	366.06	21.000	3.00	2.48	0.41	24.6	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	98.91	21.000	2.15	1.60	0.23	14.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 44.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	328.21	21.000	3.05	6.29	0.30	26.6	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	105.03	21.000	2.29	4.25	0.18	21.5	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	205.84	20.000	2.81	2.74	0.32	26.8	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	243.77	21.000	2.78	2.49	0.34	23.6	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	100.28	20.000	2.26	1.20	0.28	18.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,569.08	20.000	4.22	4.01	0.73	31.8	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,690.62	20.000	4.32	4.17	0.75	26.5	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,787.79	20.000	4.40	3.97	0.80	27.8	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,768.73	20.000	3.93	3.58	0.86	55.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,866.54	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	50.16	20.000	1.86	0.32	0.41	15.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	134.52	20.000	2.46	1.50	0.31	29.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	118.56	20.000	2.37	1.32	0.30	27.2	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	79.80	20.000	2.12	4.09	0.16	18.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	64.22	21.000	1.99	1.11	0.22	17.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	146.15	21.000	2.52	2.30	0.27	30.3	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	190.55	21.000	2.59	1.11	0.42	28.6	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	354.42	21.000	2.97	2.34	0.41	22.8	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	499.53	21.000	3.30	4.94	0.39	32.9	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	422.33	22.000	3.13	2.12	0.48	25.9	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	70.68	20.000	2.05	4.39	0.14	15.9	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	54.38	21.000	1.90	0.90	0.22	17.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	156.30	21.000	2.57	1.93	0.31	26.3	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	238.81	21.000	2.95	2.22	0.39	31.3	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	288.67	21.000	2.25	1.68	0.49	51.9	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	861.03	21.000	3.68	3.45	0.57	28.6	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	945.23	21.000	3.79	7.45	0.47	28.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	928.15	21.000	3.76	4.14	0.55	42.7	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,000.78	21.000	3.67	3.61	0.57	26.6	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	145.92	20.000	2.52	5.70	0.21	22.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	110.27	21.000	2.32	1.94	0.24	23.3	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	142.00	21.000	2.50	2.68	0.25	37.1	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	127.17	22.000	2.22	0.38	0.57	13.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	2,870.68	21.000	4.69	4.69	0.90	23.3	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	2,873.60	21.000	4.70	4.57	0.91	33.3	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,988.25	21.000	4.75	6.91	0.80	34.6	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	1,051.24	20.000	3.92	7.36	0.50	30.6	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	1,033.11	20.000	3.90	3.18	0.66	35.9	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	435.45	21.000	2.95	1.62	0.57	43.6	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,866.54	20.000	4.69	10.77	0.69	24.4	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,983.91	21.000	4.75	11.75	0.69	23.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,568.61	21.000	4.22	9.00	0.56	27.2	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	25.12	21.000	1.54	2.37	0.09	12.0	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	75.08	20.000	1.99	4.07	0.14	12.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	57.22	21.000	1.85	0.44	0.29	12.9	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	15.96	20.000	1.37	2.67	0.07	8.1	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 44.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	10.99	21.000	1.24	0.31	0.13	6.8	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	169.79	21.000	2.41	1.42	0.31	16.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	357.91	21.000	2.98	2.06	0.43	22.2	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	281.67	21.000	2.91	1.86	0.42	38.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	72.55	21.000	2.06	1.39	0.21	20.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	142.30	21.000	2.38	1.32	0.31	19.2	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	105.56	20.000	2.28	1.40	0.27	33.6	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.11	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,024.74	21.000	3.70	3.45	0.59	19.8	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,131.41	21.000	3.81	2.29	0.75	22.2	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	11.40	20.000	1.26	0.22	0.16	7.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	121.85	21.000	2.39	3.63	0.21	26.7	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	36.48	20.000	1.71	3.61	0.10	11.6	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	28.03	21.000	1.59	1.62	0.11	16.7	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	615.10	21.000	3.53	8.84	0.37	25.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	317.87	21.000	2.88	2.51	0.37	22.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	386.49	21.000	3.05	2.62	0.41	25.3	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	99.07	21.000	2.15	1.57	0.23	14.7	31.9

Current Time: 45.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	372.22	21.000	3.18	6.53	0.32	28.3	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	143.64	21.000	2.51	4.66	0.21	25.1	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	205.84	20.000	2.81	2.33	0.34	26.8	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	311.40	21.000	3.00	2.67	0.38	26.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	100.28	20.000	2.26	1.02	0.31	18.4	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	25.08	20.000	1.37	0.14	0.25	4.3	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	564.36	20.000	3.11	1.75	0.53	15.4	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	1,276.24	20.000	3.95	3.12	0.70	23.4	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	1,556.78	20.000	3.81	2.86	0.87	51.2	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	50.15	20.000	1.33	0.09	0.49	6.4	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	50.16	20.000	1.86	3.30	0.13	15.3	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	134.52	20.000	2.46	1.34	0.33	29.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	118.56	20.000	2.37	1.18	0.32	27.2	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	79.80	20.000	2.12	4.09	0.16	18.2	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	79.80	21.000	2.12	1.24	0.24	19.5	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	171.00	21.000	2.65	2.27	0.31	32.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	243.80	21.000	2.78	1.16	0.49	32.5	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	422.94	21.000	3.14	2.43	0.45	24.9	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	613.32	21.000	3.53	5.22	0.43	36.7	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 45.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	613.31	22.000	3.53	2.46	0.58	31.3	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	70.68	20.000	2.05	4.39	0.14	15.9	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	70.68	21.000	2.05	1.07	0.24	19.4	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	176.70	21.000	2.68	1.96	0.33	28.0	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	282.72	21.000	3.13	2.29	0.43	34.2	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	353.40	21.000	2.36	1.69	0.58	58.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	1,232.88	21.000	4.14	3.95	0.68	34.4	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	1,321.51	21.000	4.24	8.18	0.55	33.5	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	1,321.07	21.000	4.24	4.52	0.67	52.4	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,399.12	21.000	4.07	3.99	0.68	31.6	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	145.92	20.000	2.52	5.70	0.21	22.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	145.92	21.000	2.52	2.15	0.28	26.8	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	184.68	21.000	2.72	2.88	0.29	42.9	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	184.68	22.000	2.47	0.52	0.63	15.9	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	3,370.04	21.000	4.94	4.92	0.98	25.3	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	3,389.94	21.000	4.95	4.77	0.99	36.4	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	3,591.23	21.000	5.05	7.26	0.89	38.2	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	75.24	20.000	1.86	0.33	0.35	8.4	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	830.46	20.000	3.64	2.49	0.64	32.0	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	570.87	21.000	3.16	2.07	0.62	51.0	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	2,622.92	20.000	4.56	10.50	0.66	23.3	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	3,580.82	21.000	5.04	12.37	0.76	25.9	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	1,640.73	21.000	4.28	9.12	0.57	27.8	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	36.48	21.000	1.71	2.65	0.11	14.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	75.08	20.000	1.99	4.07	0.14	12.9	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	75.08	21.000	1.99	0.48	0.34	14.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	15.96	20.000	1.37	2.67	0.07	8.1	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	15.96	21.000	1.37	0.43	0.14	8.1	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	214.52	21.000	2.57	1.64	0.34	18.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	406.03	21.000	3.10	1.94	0.49	23.6	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	372.16	21.000	3.18	2.07	0.49	44.3	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	77.52	21.000	2.10	1.34	0.23	21.2	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	166.40	21.000	2.49	1.42	0.33	20.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	105.56	20.000	2.28	1.19	0.30	33.6	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.13	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,437.70	21.000	4.10	3.89	0.70	23.4	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,554.20	21.000	4.21	2.85	0.84	26.0	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	11.40	20.000	1.26	0.22	0.16	7.5	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	125.40	21.000	2.41	2.19	0.25	27.1	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	36.48	20.000	1.71	3.61	0.10	11.6	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	36.48	21.000	1.71	1.76	0.13	19.0	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	812.62	21.000	3.89	9.57	0.43	29.0	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	411.68	21.000	3.11	2.77	0.42	26.1	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	486.30	21.000	3.28	2.69	0.47	28.4	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	143.64	21.000	2.38	1.93	0.27	17.5	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 46.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	312.35	21.000	3.00	2.73	0.38	25.9	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	135.63	21.000	2.47	4.58	0.21	24.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	156.08	20.000	2.57	1.80	0.32	23.3	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	302.25	21.000	2.97	2.62	0.38	26.4	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	76.04	20.000	2.09	0.78	0.29	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	14.85	20.000	1.20	0.28	0.12	3.4	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	102.83	20.000	1.97	1.22	0.21	6.8	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	196.85	20.000	2.34	1.86	0.27	9.4	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	237.73	20.000	2.25	0.65	0.49	19.1	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	50.16	20.000	1.33	1.57	0.12	6.4	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	29.70	20.000	1.61	1.42	0.12	11.9	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	79.65	20.000	2.11	0.91	0.28	22.5	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	70.20	20.000	2.04	0.80	0.27	20.9	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	47.25	20.000	1.83	1.41	0.16	14.1	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	67.65	21.000	2.02	1.24	0.22	18.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	133.80	21.000	2.46	1.87	0.28	28.9	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	226.20	21.000	2.72	1.08	0.49	31.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	340.17	21.000	2.94	2.21	0.41	22.4	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	512.20	21.000	3.33	2.95	0.47	33.4	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	613.32	22.000	3.53	2.47	0.58	31.3	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	41.85	20.000	1.77	1.31	0.16	12.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	63.20	21.000	1.98	1.18	0.21	18.3	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	131.34	21.000	2.44	1.69	0.29	24.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	224.91	21.000	2.89	2.06	0.38	30.4	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	294.04	21.000	2.26	1.41	0.55	52.5	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	1,224.02	21.000	4.13	4.00	0.67	34.3	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	1,282.85	21.000	4.20	4.15	0.68	32.9	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	1,305.22	21.000	4.22	4.51	0.67	52.0	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	1,359.70	21.000	4.03	3.93	0.67	31.2	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	86.40	20.000	2.16	1.59	0.23	17.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	133.09	21.000	2.45	2.11	0.27	25.6	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	165.26	21.000	2.62	2.79	0.28	40.4	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	184.68	22.000	2.47	0.65	0.51	15.9	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,793.93	21.000	4.07	4.02	0.70	18.5	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,822.17	21.000	4.09	3.75	0.73	26.3	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	2,054.95	21.000	4.23	4.23	0.75	28.5	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	44.55	20.000	1.63	1.19	0.14	6.6	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	68.30	20.000	1.82	0.36	0.31	9.4	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	564.67	21.000	3.15	3.44	0.49	50.7	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	50.16	20.000	1.57	3.18	0.09	3.5	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	2,060.58	21.000	4.24	10.53	0.57	19.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	704.17	21.000	3.31	7.13	0.37	18.2	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	36.48	21.000	1.71	2.65	0.11	14.3	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.93	20.000	1.85	1.52	0.16	11.3	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	74.38	21.000	1.99	0.48	0.34	14.7	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	9.45	20.000	1.20	0.81	0.08	6.4	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 46.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	15.96	21.000	1.37	0.57	0.12	8.1	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	187.99	21.000	2.48	1.70	0.31	17.4	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	319.73	21.000	2.88	1.57	0.46	21.0	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	359.91	21.000	3.14	2.05	0.48	43.5	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	52.41	21.000	1.88	1.07	0.19	17.5	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	130.17	21.000	2.32	1.25	0.30	18.4	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	80.04	20.000	2.11	0.92	0.28	29.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.13	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	1,410.18	21.000	4.08	3.92	0.68	23.2	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	1,493.43	21.000	4.15	4.11	0.70	25.5	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.75	20.000	1.10	0.18	0.12	5.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	78.90	21.000	2.11	1.44	0.22	21.4	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	21.60	20.000	1.49	1.09	0.11	9.0	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	32.67	21.000	1.65	1.53	0.13	18.1	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	784.62	21.000	3.84	9.48	0.42	28.5	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	403.88	21.000	3.09	2.80	0.41	25.9	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	466.33	21.000	3.23	2.60	0.47	27.8	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	143.42	21.000	2.38	2.11	0.26	17.5	31.9

Current Time: 47.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	254.72	21.000	2.82	2.82	0.33	23.4	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	85.05	21.000	2.15	3.99	0.16	19.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	156.08	20.000	2.57	2.12	0.30	23.3	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	236.12	21.000	2.76	2.44	0.33	23.3	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	76.04	20.000	2.09	0.92	0.27	16.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	14.85	20.000	1.20	0.29	0.12	3.4	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	100.08	20.000	1.95	1.32	0.20	6.8	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	169.94	20.000	2.24	2.00	0.24	8.8	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	175.34	20.000	2.06	0.66	0.40	16.4	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	29.71	20.000	1.13	1.37	0.09	5.0	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	29.70	20.000	1.61	2.82	0.10	11.9	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	79.65	20.000	2.11	1.12	0.25	22.5	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	70.20	20.000	2.04	0.98	0.25	20.9	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	47.25	20.000	1.83	3.49	0.12	14.1	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	47.25	21.000	1.83	1.06	0.18	15.1	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	101.25	21.000	2.26	1.82	0.24	25.1	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	156.45	21.000	2.44	0.99	0.38	25.9	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	250.43	21.000	2.69	2.07	0.34	19.2	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	363.15	21.000	3.00	3.00	0.38	27.9	47.2

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 47.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	363.16	22.000	3.00	2.01	0.44	24.0	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	41.85	20.000	1.77	3.76	0.11	12.4	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	41.85	21.000	1.77	0.91	0.18	15.0	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	104.62	21.000	2.29	1.64	0.25	21.5	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	167.40	21.000	2.63	1.95	0.32	26.1	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	209.25	21.000	2.07	1.33	0.43	43.1	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	742.92	21.000	3.51	3.35	0.52	26.5	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	795.96	21.000	3.59	3.59	0.53	25.8	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	796.54	21.000	3.59	3.97	0.51	39.3	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	843.90	21.000	3.49	3.40	0.52	24.4	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	86.40	20.000	2.16	4.89	0.16	17.0	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	86.40	21.000	2.16	1.83	0.21	20.6	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	109.35	21.000	2.31	2.49	0.22	32.3	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	109.35	22.000	2.14	0.51	0.40	12.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,132.57	21.000	3.57	3.54	0.55	14.8	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,146.08	21.000	3.58	3.31	0.57	20.9	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,278.60	21.000	3.69	3.66	0.59	22.4	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	44.55	20.000	1.63	2.89	0.10	6.6	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	44.55	20.000	1.63	0.28	0.27	7.7	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	432.26	21.000	2.94	3.16	0.42	43.4	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	29.73	20.000	1.37	2.73	0.07	2.8	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,292.97	21.000	3.70	9.18	0.45	15.6	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	537.56	21.000	3.07	6.58	0.32	16.0	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	21.60	21.000	1.49	2.26	0.09	11.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	56.93	20.000	1.85	3.74	0.12	11.3	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.93	21.000	1.85	0.44	0.29	12.9	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	9.45	20.000	1.20	2.25	0.05	6.4	11.3
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	9.45	21.000	1.20	0.37	0.11	6.3	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	129.40	21.000	2.24	1.42	0.26	14.5	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	242.81	21.000	2.66	1.55	0.38	18.3	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	254.79	21.000	2.82	1.86	0.39	36.1	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	45.90	21.000	1.81	1.14	0.17	16.4	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	98.60	21.000	2.15	1.09	0.27	16.0	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	80.04	20.000	2.11	1.09	0.26	29.2	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	875.24	21.000	3.53	3.33	0.54	18.3	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	947.05	21.000	3.61	3.57	0.55	20.3	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	6.75	20.000	1.10	0.19	0.12	5.8	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	74.25	21.000	2.07	1.88	0.19	20.8	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	21.60	20.000	1.49	3.09	0.08	9.0	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	21.60	21.000	1.49	1.50	0.10	14.8	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	524.02	21.000	3.35	8.45	0.34	23.2	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	312.16	21.000	2.86	2.55	0.36	22.7	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	368.74	21.000	3.01	2.51	0.41	24.7	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	85.05	21.000	2.06	1.63	0.20	13.6	31.9

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 48.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
46		MH-106	598.00	MH-104	1,715.7	0.047	Circle	10.0	0.013	189.96	21.000	2.58	2.18	0.30	20.2	45.8
53		MH-124	773.00	MH-75	1,500.8	0.037	Circle	8.0	0.013	76.87	21.000	2.09	3.87	0.16	18.4	32.2
61	CO-61	MH-74	618.00	MH-72	1,648.9	0.058	Circle	8.0	0.013	101.79	20.000	2.27	1.42	0.26	18.9	51.2
63	CO-11	MH-72	522.00	MH-70	343.5	0.041	Circle	10.0	0.013	226.13	21.000	2.72	2.38	0.33	22.8	46.1
65	CO-12	MH-75	613.00	MH-70	1,663.0	0.063	Circle	8.0	0.013	49.59	20.000	1.85	0.61	0.25	13.0	46.4
84	CO-18	MH-54	428.00	MH-52	647.1	0.023	Circle	18.0	0.013	1,548.40	20.000	4.20	7.22	0.59	31.5	48.5
86	CO-19	MH-52	413.00	MH-50	1,750.2	0.054	Circle	18.0	0.013	1,180.35	20.000	3.85	9.04	0.47	22.1	50.2
88	CO-20	MH-50	318.00	MH-48	1,679.7	0.051	Circle	18.0	0.013	632.48	20.000	3.21	7.34	0.35	16.6	53.1
90	CO-21	MH-48	233.00	MH-26	1,244.7	0.004	Circle	18.0	0.013	399.19	20.000	2.62	1.55	0.46	24.7	58.1
96	CO-23	MH-2	93.00	MH-4	1,317.7	0.004	Circle	24.0	0.013	2,861.70	20.000	4.34	4.69	0.92	47.5	46.1
97	CO-24	MH-4	98.00	MH-6	2,110.2	0.033	Circle	8.0	0.013	8.80	20.000	1.17	0.06	0.36	6.7	82.7
107	CO-25	MH-84	678.00	MH-82	1,714.8	0.017	Circle	8.0	0.013	23.60	20.000	1.52	0.44	0.18	12.4	49.6
108	CO-26	MH-82	648.00	MH-86	821.4	0.018	Circle	8.0	0.013	20.80	20.000	1.47	0.39	0.17	11.6	48.4
110	CO-27	MH-46	618.00	MH-44	847.7	0.041	Circle	8.0	0.013	14.00	20.000	1.32	0.68	0.10	7.9	24.4
111	CO-28	MH-44	583.00	MH-42	1,277.1	0.031	Circle	8.0	0.013	34.84	21.000	1.69	1.09	0.15	13.0	36.0
112	CO-29	MH-42	543.00	MH-40	1,635.0	0.018	Circle	8.0	0.013	63.25	21.000	1.98	1.25	0.21	19.8	45.8
113	CO-30	MH-40	513.00	MH-38	1,693.2	0.012	Circle	10.0	0.013	137.25	21.000	2.36	0.88	0.37	24.2	59.3
114	CO-31	MH-82	648.00	MH-80	1,461.3	0.038	Circle	12.0	0.013	165.88	21.000	2.39	1.73	0.28	15.7	45.1
115	CO-32	MH-80	593.00	MH-78	1,969.3	0.018	Circle	12.0	0.013	259.85	21.000	2.72	2.14	0.35	23.6	47.2
116	CO-33	MH-78	558.00	MH-38	1,995.9	0.033	Circle	12.0	0.013	363.15	22.000	3.00	2.02	0.44	24.0	58.0
122	CO-34	MH-96	658.00	MH-94	1,071.2	0.056	Circle	8.0	0.013	12.40	20.000	1.29	0.61	0.10	7.0	23.3
123	CO-35	MH-94	598.00	MH-92	789.5	0.025	Circle	8.0	0.013	34.21	21.000	1.67	1.14	0.15	13.6	35.5
124	CO-36	MH-92	578.00	MH-90	1,105.3	0.036	Circle	8.0	0.013	58.29	21.000	1.94	1.24	0.20	16.1	49.9
125	CO-37	MH-90	538.00	MH-88	934.0	0.043	Circle	8.0	0.013	108.35	21.000	2.31	1.60	0.26	21.0	64.8
126	CO-38	MH-88	498.00	MH-38	1,645.1	0.003	Circle	10.0	0.013	148.61	21.000	1.89	0.95	0.40	35.8	69.3
139	CO-39	MH-38	493.00	MH-36	1,618.2	0.028	Circle	15.0	0.013	732.85	21.000	3.50	3.43	0.51	26.3	54.2
140	CO-40	MH-36	448.00	MH-34	1,542.4	0.036	Circle	15.0	0.013	754.76	21.000	3.53	3.46	0.52	25.1	54.6
141	CO-41	MH-34	393.00	MH-32	703.2	0.007	Circle	15.0	0.013	777.62	21.000	3.56	3.94	0.50	38.8	53.8
142	CO-42	MH-32	388.00	MH-30	1,070.5	0.019	Circle	18.0	0.013	799.49	21.000	3.44	3.32	0.51	23.8	45.1
144	CO-44	MH-22	293.00	MH-20	1,483.8	0.064	Circle	8.0	0.013	25.60	20.000	1.55	0.72	0.15	9.5	34.0
145	CO-45	MH-20	198.00	MH-18	1,028.0	0.029	Circle	8.0	0.013	73.29	21.000	2.07	1.79	0.20	19.0	42.2
148	CO-47	MH-18	168.00	MH-14	1,261.8	0.008	Circle	8.0	0.013	89.51	21.000	2.18	2.35	0.20	29.2	43.8
149	CO-48	MH-14	158.00	MH-12	788.7	0.044	Circle	12.0	0.013	109.35	22.000	2.14	0.52	0.39	12.3	63.6
150	CO-49	MH-26	228.00	MH-24	1,336.6	0.056	Circle	24.0	0.013	1,085.50	21.000	3.52	3.49	0.54	14.5	48.8
151	CO-50	MH-24	153.00	MH-12	2,151.0	0.014	Circle	24.0	0.013	1,101.71	21.000	3.54	3.25	0.56	20.5	49.6
154	CO-51	MH-12	123.00	MH-10	1,143.5	0.013	Circle	24.0	0.013	1,243.56	21.000	3.66	3.65	0.58	22.1	44.3
161	CO-54	MH-102	493.00	MH-65	1,889.0	0.032	Circle	15.0	0.013	989.20	20.000	3.84	7.23	0.48	29.7	48.1
162	CO-55	MH-65	433.00	MH-64	1,200.8	0.017	Circle	15.0	0.013	258.24	20.000	2.59	1.57	0.36	17.8	52.8
164	CO-57	MH-66	418.00	MH-64	1,048.3	0.005	Circle	12.0	0.013	425.77	21.000	2.93	2.99	0.43	43.1	62.0
166	CO-58	MH-2	93.00	O-4	1,814.5	0.047	Circle	24.0	0.013	288.92	20.000	2.47	5.44	0.22	8.0	34.6
168	CO-59	MH-10	108.00	O-3	432.4	0.058	Circle	24.0	0.013	1,248.75	21.000	3.67	9.08	0.44	15.4	38.1
171	CO-60	MH-64	413.00	O-2	1,645.0	0.043	Circle	18.0	0.013	576.04	21.000	3.13	6.72	0.34	16.5	38.2
172	CO-61	MH-58	388.00	O-2	1,953.4	0.023	Circle	8.0	0.013	21.60	21.000	1.49	2.26	0.09	11.2	16.9
174	CO-62	MH-100	503.00	MH-98	1,291.8	0.046	Circle	10.0	0.013	37.13	20.000	1.65	1.22	0.14	9.2	19.7
175	CO-63	MH-98	443.00	MH-66	942.8	0.027	Circle	10.0	0.013	56.17	21.000	1.84	0.44	0.29	12.8	41.2
181	CO-65	MH-114	788.00	MH-112	946.0	0.048	Circle	8.0	0.013	2.80	20.000	0.87	0.35	0.05	3.6	11.3

FlexTable: Conduit Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 48.000 hours

ID	Label	Start Node	Invert (Start) (ft)	Stop Node	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (gpm)	Time (Maximum Flow) (hours)	Velocity (In) (ft/s)	Velocity (Out) (ft/s)	Depth (Middle) (ft)	Depth (Normal) / Rise (%)	Depth (Average End) / Rise (Maximum) (%)
182	CO-66	MH-112	743.00	MH-110	1,444.4	0.048	Circle	8.0	0.013	9.45	21.000	1.20	0.68	0.08	6.3	20.7
184	CO-67	MH-120	613.00	MH-118	1,090.9	0.032	Circle	12.0	0.013	102.45	21.000	2.10	1.56	0.22	12.9	34.2
185	CO-68	MH-118	578.00	MH-116	1,631.6	0.043	Circle	12.0	0.013	154.68	21.000	2.35	1.03	0.34	14.7	48.6
186	CO-69	MH-104	518.00	MH-116	1,150.8	0.009	Circle	10.0	0.013	241.27	21.000	2.77	1.83	0.38	35.0	58.5
188	CO-70	MH-110	673.00	MH-108	1,900.4	0.021	Circle	8.0	0.013	20.25	21.000	1.46	0.71	0.13	11.1	34.2
189	CO-71	MH-108	633.00	MH-106	1,081.0	0.032	Circle	10.0	0.013	61.50	21.000	1.89	0.84	0.22	12.7	40.1
191	CO-72	MH-76	528.00	MH-72	943.2	0.006	Circle	8.0	0.013	52.20	20.000	1.87	0.73	0.23	23.4	44.3
194	CO-74	MH-16	198.00	MH-14	1,428.6	0.028	Circle	8.0	0.013	0.00	0.000	0.00	0.00	0.10	(N/A)	19.9
197	CO-75	MH-30	368.00	MH-28	1,485.0	0.064	Circle	18.0	0.013	839.98	21.000	3.48	3.39	0.52	18.0	46.4
198	CO-76	MH-28	273.00	MH-26	912.1	0.049	Circle	18.0	0.013	874.64	21.000	3.53	3.39	0.53	19.5	56.1
201	CO-77	MH-128	833.00	MH-126	995.2	0.035	Circle	8.0	0.013	2.00	20.000	0.79	0.12	0.07	3.3	23.7
202	CO-78	MH-126	798.00	MH-124	1,200.6	0.021	Circle	8.0	0.013	26.75	21.000	1.57	0.73	0.15	12.6	38.0
204	CO-79	MH-62	443.00	MH-60	887.1	0.056	Circle	8.0	0.013	6.40	20.000	1.08	0.51	0.07	5.1	16.6
205	CO-80	MH-60	393.00	MH-58	697.8	0.007	Circle	8.0	0.013	17.70	21.000	1.40	1.22	0.09	13.4	19.2
239	CO-83	MH-116	508.00	O-1	691.2	0.077	Circle	12.0	0.013	494.17	21.000	3.29	8.29	0.33	22.6	43.2
253	CO-84	MH-70	508.00	MH-68	1,398.6	0.030	Circle	12.0	0.013	303.65	21.000	2.84	2.59	0.36	22.4	42.0
254	CO-85	MH-68	466.55	MH-66	1,637.9	0.030	Circle	12.0	0.013	346.95	21.000	2.96	2.39	0.40	24.0	47.4
261	CO-87	MH-75	718.00	MH-120	2,217.6	0.047	Circle	10.0	0.013	84.83	21.000	2.06	1.93	0.19	13.6	31.9

Manhole Tables - Pumping @ 200% of Average Inflow

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.07	0.07	21.000	673.07	Absolute	673.07	False	
43	MH-106	605.00	48.0	605.00	598.00	0.21	0.21	21.000	598.21	Absolute	598.21	False	
45	MH-104	525.00	48.0	525.00	518.00	0.09	0.09	21.000	518.09	Absolute	518.09	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.04	0.04	21.000	773.04	Absolute	773.04	False	
54	MH-120	620.00	48.0	620.00	613.00	0.08	0.08	21.000	613.08	Absolute	613.08	False	
56	MH-116	515.00	48.0	515.00	508.00	0.10	0.10	21.000	508.10	Absolute	508.10	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.09	0.09	21.000	522.09	Absolute	522.09	False	
62	MH-70	515.00	48.0	515.00	508.00	0.08	0.08	21.000	508.08	Absolute	508.08	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.07	0.07	21.000	418.07	Absolute	418.07	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.00	0.00	21.000	388.00	Absolute	388.00	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.61	0.61	20.000	413.61	Absolute	413.61	False	
85	MH-50	325.00	48.0	325.00	318.00	0.42	0.42	20.000	318.42	Absolute	318.42	False	
87	MH-48	240.00	48.0	240.00	233.00	0.31	0.31	20.000	233.31	Absolute	233.31	False	
89	MH-26	235.00	48.0	235.00	228.00	0.11	0.11	21.000	228.11	Absolute	228.11	False	
92	MH-2	100.00	48.0	100.00	93.00	0.26	0.26	20.000	93.26	Absolute	93.26	False	
93	MH-4	105.00	48.0	105.00	98.00	0.94	0.94	20.000	98.94	Absolute	98.94	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.11	0.11	21.000	648.11	Absolute	648.11	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.13	0.13	21.000	593.13	Absolute	593.13	False	
102	MH-78	565.00	48.0	565.00	558.00	0.00	0.00	22.000	558.00	Absolute	558.00	False	
103	MH-44	590.00	48.0	590.00	583.00	0.05	0.05	21.000	583.05	Absolute	583.05	False	
104	MH-42	550.00	48.0	550.00	543.00	0.09	0.09	21.000	543.09	Absolute	543.09	False	
105	MH-40	520.00	48.0	520.00	513.00	0.12	0.12	21.000	513.12	Absolute	513.12	False	
106	MH-38	500.00	48.0	500.00	493.00	0.04	0.04	21.000	493.04	Absolute	493.04	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.12	0.12	21.000	498.12	Absolute	498.12	False	
118	MH-90	545.00	48.0	545.00	538.00	0.11	0.11	21.000	538.11	Absolute	538.11	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.04	0.04	21.000	598.04	Absolute	598.04	False	
128	MH-36	455.00	48.0	455.00	448.00	0.07	0.07	21.000	448.07	Absolute	448.07	False	
129	MH-34	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
130	MH-32	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
131	MH-30	375.00	48.0	375.00	368.00	0.09	0.09	21.000	368.09	Absolute	368.09	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.05	0.05	21.000	198.05	Absolute	198.05	False	
134	MH-18	175.00	48.0	175.00	168.00	0.06	0.06	21.000	168.06	Absolute	168.06	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.00	0.00	22.000	158.00	Absolute	158.00	False	
136	MH-12	130.00	48.0	130.00	123.00	0.04	0.04	21.000	123.04	Absolute	123.04	False	
137	MH-24	160.00	48.0	160.00	153.00	0.09	0.09	21.000	153.09	Absolute	153.09	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.03	0.03	21.000	108.03	Absolute	108.03	False	
157	MH-102	500.00	48.0	500.00	493.00	0.59	0.59	20.000	493.59	Absolute	493.59	False	
158	MH-65	440.00	48.0	440.00	433.00	0.27	0.27	20.000	433.27	Absolute	433.27	False	
159	MH-64	420.00	48.0	420.00	413.00	0.18	0.18	21.000	413.18	Absolute	413.18	False	
173	MH-98	450.00	48.0	450.00	443.00	0.02	0.02	21.000	443.02	Absolute	443.02	False	
180	MH-112	750.00	48.0	750.00	743.00	0.00	0.00	21.000	743.00	Absolute	743.00	False	
183	MH-118	585.00	48.0	585.00	578.00	0.12	0.12	21.000	578.12	Absolute	578.12	False	
187	MH-108	640.00	48.0	640.00	633.00	0.08	0.08	21.000	633.08	Absolute	633.08	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.10	0.10	21.000	273.10	Absolute	273.10	False	
200	MH-126	805.00	48.0	805.00	798.00	0.10	0.10	21.000	798.10	Absolute	798.10	False	
203	MH-60	400.00	48.0	400.00	393.00	0.03	0.03	21.000	393.03	Absolute	393.03	False	
252	MH-68	473.55	48.0	473.55	466.55	0.12	0.12	21.000	466.67	Absolute	466.67	False	
260	MH-75	725.00	48.0	725.00	718.00	0.01	0.01	21.000	718.01	Absolute	718.01	False	

Current Time: 1.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.08	0.08	21.000	673.08	Absolute	673.08	False	
43	MH-106	605.00	48.0	605.00	598.00	0.23	0.23	21.000	598.23	Absolute	598.23	False	
45	MH-104	525.00	48.0	525.00	518.00	0.23	0.23	21.000	518.23	Absolute	518.23	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.11	0.11	21.000	773.11	Absolute	773.11	False	
54	MH-120	620.00	48.0	620.00	613.00	0.13	0.13	21.000	613.13	Absolute	613.13	False	
56	MH-116	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.28	0.28	21.000	508.28	Absolute	508.28	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.72	0.72	20.000	413.72	Absolute	413.72	False	
85	MH-50	325.00	48.0	325.00	318.00	0.72	0.72	20.000	318.72	Absolute	318.72	False	
87	MH-48	240.00	48.0	240.00	233.00	0.79	0.79	20.000	233.79	Absolute	233.79	False	
89	MH-26	235.00	48.0	235.00	228.00	0.73	0.73	21.000	228.73	Absolute	228.73	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 1.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.17	0.17	21.000	648.17	Absolute	648.17	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.20	0.20	21.000	593.20	Absolute	593.20	False	
102	MH-78	565.00	48.0	565.00	558.00	0.20	0.20	22.000	558.20	Absolute	558.20	False	
103	MH-44	590.00	48.0	590.00	583.00	0.08	0.08	21.000	583.08	Absolute	583.08	False	
104	MH-42	550.00	48.0	550.00	543.00	0.12	0.12	21.000	543.12	Absolute	543.12	False	
105	MH-40	520.00	48.0	520.00	513.00	0.16	0.16	21.000	513.16	Absolute	513.16	False	
106	MH-38	500.00	48.0	500.00	493.00	0.28	0.28	21.000	493.28	Absolute	493.28	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.19	0.19	21.000	498.19	Absolute	498.19	False	
118	MH-90	545.00	48.0	545.00	538.00	0.15	0.15	21.000	538.15	Absolute	538.15	False	
119	MH-92	585.00	48.0	585.00	578.00	0.12	0.12	21.000	578.12	Absolute	578.12	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.07	0.07	21.000	598.07	Absolute	598.07	False	
128	MH-36	455.00	48.0	455.00	448.00	0.29	0.29	21.000	448.29	Absolute	448.29	False	
129	MH-34	400.00	48.0	400.00	393.00	0.29	0.29	21.000	393.29	Absolute	393.29	False	
130	MH-32	395.00	48.0	395.00	388.00	0.29	0.29	21.000	388.29	Absolute	388.29	False	
131	MH-30	375.00	48.0	375.00	368.00	0.30	0.30	21.000	368.30	Absolute	368.30	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.11	0.11	21.000	198.11	Absolute	198.11	False	
134	MH-18	175.00	48.0	175.00	168.00	0.12	0.12	21.000	168.12	Absolute	168.12	False	
135	MH-14	165.00	48.0	165.00	158.00	0.11	0.11	22.000	158.11	Absolute	158.11	False	
136	MH-12	130.00	48.0	130.00	123.00	0.73	0.73	21.000	123.73	Absolute	123.73	False	
137	MH-24	160.00	48.0	160.00	153.00	0.73	0.73	21.000	153.73	Absolute	153.73	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.73	0.73	21.000	108.73	Absolute	108.73	False	
157	MH-102	500.00	48.0	500.00	493.00	0.59	0.59	20.000	493.59	Absolute	493.59	False	
158	MH-65	440.00	48.0	440.00	433.00	0.59	0.59	20.000	433.59	Absolute	433.59	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.04	0.04	21.000	743.04	Absolute	743.04	False	
183	MH-118	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
187	MH-108	640.00	48.0	640.00	633.00	0.11	0.11	21.000	633.11	Absolute	633.11	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.31	0.31	21.000	273.31	Absolute	273.31	False	
200	MH-126	805.00	48.0	805.00	798.00	0.10	0.10	21.000	798.10	Absolute	798.10	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.85	Absolute	466.85	False	
260	MH-75	725.00	48.0	725.00	718.00	0.10	0.10	21.000	718.10	Absolute	718.10	False	

Current Time: 2.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 2.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.02	0.02	20.000	788.02	Absolute	788.02	False	
41	MH-110	680.00	48.0	680.00	673.00	0.06	0.06	21.000	673.06	Absolute	673.06	False	
43	MH-106	605.00	48.0	605.00	598.00	0.16	0.16	21.000	598.16	Absolute	598.16	False	
45	MH-104	525.00	48.0	525.00	518.00	0.22	0.22	21.000	518.22	Absolute	518.22	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.02	0.02	20.000	833.02	Absolute	833.02	False	
50	MH-124	780.00	48.0	780.00	773.00	0.10	0.10	21.000	773.10	Absolute	773.10	False	
54	MH-120	620.00	48.0	620.00	613.00	0.11	0.11	21.000	613.11	Absolute	613.11	False	
56	MH-116	515.00	48.0	515.00	508.00	0.28	0.28	21.000	508.28	Absolute	508.28	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.24	0.24	21.000	522.24	Absolute	522.24	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.03	0.03	20.000	443.03	Absolute	443.03	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.71	0.71	20.000	413.71	Absolute	413.71	False	
85	MH-50	325.00	48.0	325.00	318.00	0.72	0.72	20.000	318.72	Absolute	318.72	False	
87	MH-48	240.00	48.0	240.00	233.00	0.78	0.78	20.000	233.78	Absolute	233.78	False	
89	MH-26	235.00	48.0	235.00	228.00	0.72	0.72	21.000	228.72	Absolute	228.72	False	
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.04	0.04	20.000	168.04	Absolute	168.04	False	
98	MH-84	685.00	48.0	685.00	678.00	0.06	0.06	20.000	678.06	Absolute	678.06	False	
99	MH-82	655.00	48.0	655.00	648.00	0.14	0.14	21.000	648.14	Absolute	648.14	False	
100	MH-86	670.00	48.0	670.00	663.00	0.06	0.06	20.000	663.06	Absolute	663.06	False	
101	MH-80	600.00	48.0	600.00	593.00	0.17	0.17	21.000	593.17	Absolute	593.17	False	
102	MH-78	565.00	48.0	565.00	558.00	0.20	0.20	22.000	558.20	Absolute	558.20	False	
103	MH-44	590.00	48.0	590.00	583.00	0.07	0.07	21.000	583.07	Absolute	583.07	False	
104	MH-42	550.00	48.0	550.00	543.00	0.10	0.10	21.000	543.10	Absolute	543.10	False	
105	MH-40	520.00	48.0	520.00	513.00	0.13	0.13	21.000	513.13	Absolute	513.13	False	
106	MH-38	500.00	48.0	500.00	493.00	0.28	0.28	21.000	493.28	Absolute	493.28	False	
109	MH-46	625.00	48.0	625.00	618.00	0.05	0.05	20.000	618.05	Absolute	618.05	False	
117	MH-88	505.00	48.0	505.00	498.00	0.16	0.16	21.000	498.16	Absolute	498.16	False	
118	MH-90	545.00	48.0	545.00	538.00	0.13	0.13	21.000	538.13	Absolute	538.13	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.05	0.05	20.000	658.05	Absolute	658.05	False	
121	MH-94	605.00	48.0	605.00	598.00	0.07	0.07	21.000	598.07	Absolute	598.07	False	
128	MH-36	455.00	48.0	455.00	448.00	0.29	0.29	21.000	448.29	Absolute	448.29	False	
129	MH-34	400.00	48.0	400.00	393.00	0.29	0.29	21.000	393.29	Absolute	393.29	False	
130	MH-32	395.00	48.0	395.00	388.00	0.28	0.28	21.000	388.28	Absolute	388.28	False	
131	MH-30	375.00	48.0	375.00	368.00	0.29	0.29	21.000	368.29	Absolute	368.29	False	
132	MH-22	300.00	48.0	300.00	293.00	0.07	0.07	20.000	293.07	Absolute	293.07	False	
133	MH-20	205.00	48.0	205.00	198.00	0.10	0.10	21.000	198.10	Absolute	198.10	False	
134	MH-18	175.00	48.0	175.00	168.00	0.11	0.11	21.000	168.11	Absolute	168.11	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 2.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.11	0.11	22.000	158.11	Absolute	158.11	False	
136	MH-12	130.00	48.0	130.00	123.00	0.73	0.73	21.000	123.73	Absolute	123.73	False	
137	MH-24	160.00	48.0	160.00	153.00	0.73	0.73	21.000	153.73	Absolute	153.73	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.73	0.73	21.000	108.73	Absolute	108.73	False	
157	MH-102	500.00	48.0	500.00	493.00	0.59	0.59	20.000	493.59	Absolute	493.59	False	
158	MH-65	440.00	48.0	440.00	433.00	0.59	0.59	20.000	433.59	Absolute	433.59	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.04	0.04	21.000	743.04	Absolute	743.04	False	
183	MH-118	585.00	48.0	585.00	578.00	0.14	0.14	21.000	578.14	Absolute	578.14	False	
187	MH-108	640.00	48.0	640.00	633.00	0.09	0.09	21.000	633.09	Absolute	633.09	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.30	0.30	21.000	273.30	Absolute	273.30	False	
200	MH-126	805.00	48.0	805.00	798.00	0.07	0.07	21.000	798.07	Absolute	798.07	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.29	0.29	21.000	466.83	Absolute	466.83	False	
260	MH-75	725.00	48.0	725.00	718.00	0.10	0.10	21.000	718.10	Absolute	718.10	False	

Current Time: 3.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.02	0.02	20.000	788.02	Absolute	788.02	False	
41	MH-110	680.00	48.0	680.00	673.00	0.05	0.05	21.000	673.05	Absolute	673.05	False	
43	MH-106	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
45	MH-104	525.00	48.0	525.00	518.00	0.14	0.14	21.000	518.14	Absolute	518.14	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.02	0.02	20.000	833.02	Absolute	833.02	False	
50	MH-124	780.00	48.0	780.00	773.00	0.07	0.07	21.000	773.07	Absolute	773.07	False	
54	MH-120	620.00	48.0	620.00	613.00	0.08	0.08	21.000	613.08	Absolute	613.08	False	
56	MH-116	515.00	48.0	515.00	508.00	0.18	0.18	21.000	508.18	Absolute	508.18	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.03	0.03	20.000	443.03	Absolute	443.03	False	
76	MH-58	395.00	48.0	395.00	388.00	0.03	0.03	21.000	388.03	Absolute	388.03	False	
80	MH-54	435.00	48.0	435.00	428.00	0.02	0.02	20.000	428.02	Absolute	428.02	False	
83	MH-52	420.00	48.0	420.00	413.00	0.37	0.37	20.000	413.37	Absolute	413.37	False	
85	MH-50	325.00	48.0	325.00	318.00	0.57	0.57	20.000	318.57	Absolute	318.57	False	
87	MH-48	240.00	48.0	240.00	233.00	0.69	0.69	20.000	233.69	Absolute	233.69	False	
89	MH-26	235.00	48.0	235.00	228.00	0.68	0.68	21.000	228.68	Absolute	228.68	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 3.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.85	0.85	20.000	93.85	Absolute	93.85	False	
93	MH-4	105.00	48.0	105.00	98.00	0.04	0.04	20.000	98.04	Absolute	98.04	False	
94	MH-6	175.00	48.0	175.00	168.00	0.04	0.04	20.000	168.04	Absolute	168.04	False	
98	MH-84	685.00	48.0	685.00	678.00	0.06	0.06	20.000	678.06	Absolute	678.06	False	
99	MH-82	655.00	48.0	655.00	648.00	0.10	0.10	21.000	648.10	Absolute	648.10	False	
100	MH-86	670.00	48.0	670.00	663.00	0.06	0.06	20.000	663.06	Absolute	663.06	False	
101	MH-80	600.00	48.0	600.00	593.00	0.12	0.12	21.000	593.12	Absolute	593.12	False	
102	MH-78	565.00	48.0	565.00	558.00	0.12	0.12	22.000	558.12	Absolute	558.12	False	
103	MH-44	590.00	48.0	590.00	583.00	0.05	0.05	21.000	583.05	Absolute	583.05	False	
104	MH-42	550.00	48.0	550.00	543.00	0.07	0.07	21.000	543.07	Absolute	543.07	False	
105	MH-40	520.00	48.0	520.00	513.00	0.10	0.10	21.000	513.10	Absolute	513.10	False	
106	MH-38	500.00	48.0	500.00	493.00	0.17	0.17	21.000	493.17	Absolute	493.17	False	
109	MH-46	625.00	48.0	625.00	618.00	0.05	0.05	20.000	618.05	Absolute	618.05	False	
117	MH-88	505.00	48.0	505.00	498.00	0.12	0.12	21.000	498.12	Absolute	498.12	False	
118	MH-90	545.00	48.0	545.00	538.00	0.09	0.09	21.000	538.09	Absolute	538.09	False	
119	MH-92	585.00	48.0	585.00	578.00	0.07	0.07	21.000	578.07	Absolute	578.07	False	
120	MH-96	665.00	48.0	665.00	658.00	0.05	0.05	20.000	658.05	Absolute	658.05	False	
121	MH-94	605.00	48.0	605.00	598.00	0.05	0.05	21.000	598.05	Absolute	598.05	False	
128	MH-36	455.00	48.0	455.00	448.00	0.18	0.18	21.000	448.18	Absolute	448.18	False	
129	MH-34	400.00	48.0	400.00	393.00	0.18	0.18	21.000	393.18	Absolute	393.18	False	
130	MH-32	395.00	48.0	395.00	388.00	0.17	0.17	21.000	388.17	Absolute	388.17	False	
131	MH-30	375.00	48.0	375.00	368.00	0.18	0.18	21.000	368.18	Absolute	368.18	False	
132	MH-22	300.00	48.0	300.00	293.00	0.07	0.07	20.000	293.07	Absolute	293.07	False	
133	MH-20	205.00	48.0	205.00	198.00	0.07	0.07	21.000	198.07	Absolute	198.07	False	
134	MH-18	175.00	48.0	175.00	168.00	0.07	0.07	21.000	168.07	Absolute	168.07	False	
135	MH-14	165.00	48.0	165.00	158.00	0.07	0.07	22.000	158.07	Absolute	158.07	False	
136	MH-12	130.00	48.0	130.00	123.00	0.68	0.68	21.000	123.68	Absolute	123.68	False	
137	MH-24	160.00	48.0	160.00	153.00	0.68	0.68	21.000	153.68	Absolute	153.68	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.68	0.68	21.000	108.68	Absolute	108.68	False	
157	MH-102	500.00	48.0	500.00	493.00	0.04	0.04	20.000	493.04	Absolute	493.04	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.56	0.56	21.000	413.56	Absolute	413.56	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.02	0.02	21.000	743.02	Absolute	743.02	False	
183	MH-118	585.00	48.0	585.00	578.00	0.11	0.11	21.000	578.11	Absolute	578.11	False	
187	MH-108	640.00	48.0	640.00	633.00	0.07	0.07	21.000	633.07	Absolute	633.07	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.19	0.19	21.000	273.19	Absolute	273.19	False	
200	MH-126	805.00	48.0	805.00	798.00	0.06	0.06	21.000	798.06	Absolute	798.06	False	
203	MH-60	400.00	48.0	400.00	393.00	0.03	0.03	21.000	393.03	Absolute	393.03	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.06	0.06	21.000	718.06	Absolute	718.06	False	

Current Time: 4.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 4.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.03	0.03	20.000	788.03	Absolute	788.03	False	
41	MH-110	680.00	48.0	680.00	673.00	0.06	0.06	21.000	673.06	Absolute	673.06	False	
43	MH-106	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
45	MH-104	525.00	48.0	525.00	518.00	0.14	0.14	21.000	518.14	Absolute	518.14	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.07	0.07	21.000	773.07	Absolute	773.07	False	
54	MH-120	620.00	48.0	620.00	613.00	0.09	0.09	21.000	613.09	Absolute	613.09	False	
56	MH-116	515.00	48.0	515.00	508.00	0.18	0.18	21.000	508.18	Absolute	508.18	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.03	0.03	21.000	388.03	Absolute	388.03	False	
80	MH-54	435.00	48.0	435.00	428.00	0.03	0.03	20.000	428.03	Absolute	428.03	False	
83	MH-52	420.00	48.0	420.00	413.00	0.08	0.08	20.000	413.08	Absolute	413.08	False	
85	MH-50	325.00	48.0	325.00	318.00	0.10	0.10	20.000	318.10	Absolute	318.10	False	
87	MH-48	240.00	48.0	240.00	233.00	0.11	0.11	20.000	233.11	Absolute	233.11	False	
89	MH-26	235.00	48.0	235.00	228.00	0.20	0.20	21.000	228.20	Absolute	228.20	False	
92	MH-2	100.00	48.0	100.00	93.00	0.03	0.03	20.000	93.03	Absolute	93.03	False	
93	MH-4	105.00	48.0	105.00	98.00	0.04	0.04	20.000	98.04	Absolute	98.04	False	
94	MH-6	175.00	48.0	175.00	168.00	0.05	0.05	20.000	168.05	Absolute	168.05	False	
98	MH-84	685.00	48.0	685.00	678.00	0.09	0.09	20.000	678.09	Absolute	678.09	False	
99	MH-82	655.00	48.0	655.00	648.00	0.12	0.12	21.000	648.12	Absolute	648.12	False	
100	MH-86	670.00	48.0	670.00	663.00	0.08	0.08	20.000	663.08	Absolute	663.08	False	
101	MH-80	600.00	48.0	600.00	593.00	0.14	0.14	21.000	593.14	Absolute	593.14	False	
102	MH-78	565.00	48.0	565.00	558.00	0.12	0.12	22.000	558.12	Absolute	558.12	False	
103	MH-44	590.00	48.0	590.00	583.00	0.06	0.06	21.000	583.06	Absolute	583.06	False	
104	MH-42	550.00	48.0	550.00	543.00	0.09	0.09	21.000	543.09	Absolute	543.09	False	
105	MH-40	520.00	48.0	520.00	513.00	0.10	0.10	21.000	513.10	Absolute	513.10	False	
106	MH-38	500.00	48.0	500.00	493.00	0.17	0.17	21.000	493.17	Absolute	493.17	False	
109	MH-46	625.00	48.0	625.00	618.00	0.07	0.07	20.000	618.07	Absolute	618.07	False	
117	MH-88	505.00	48.0	505.00	498.00	0.14	0.14	21.000	498.14	Absolute	498.14	False	
118	MH-90	545.00	48.0	545.00	538.00	0.11	0.11	21.000	538.11	Absolute	538.11	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.06	0.06	20.000	658.06	Absolute	658.06	False	
121	MH-94	605.00	48.0	605.00	598.00	0.05	0.05	21.000	598.05	Absolute	598.05	False	
128	MH-36	455.00	48.0	455.00	448.00	0.18	0.18	21.000	448.18	Absolute	448.18	False	
129	MH-34	400.00	48.0	400.00	393.00	0.18	0.18	21.000	393.18	Absolute	393.18	False	
130	MH-32	395.00	48.0	395.00	388.00	0.18	0.18	21.000	388.18	Absolute	388.18	False	
131	MH-30	375.00	48.0	375.00	368.00	0.18	0.18	21.000	368.18	Absolute	368.18	False	
132	MH-22	300.00	48.0	300.00	293.00	0.09	0.09	20.000	293.09	Absolute	293.09	False	
133	MH-20	205.00	48.0	205.00	198.00	0.07	0.07	21.000	198.07	Absolute	198.07	False	
134	MH-18	175.00	48.0	175.00	168.00	0.08	0.08	21.000	168.08	Absolute	168.08	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 4.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.07	0.07	22.000	158.07	Absolute	158.07	False	
136	MH-12	130.00	48.0	130.00	123.00	0.20	0.20	21.000	123.20	Absolute	123.20	False	
137	MH-24	160.00	48.0	160.00	153.00	0.20	0.20	21.000	153.20	Absolute	153.20	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.20	0.20	21.000	108.20	Absolute	108.20	False	
157	MH-102	500.00	48.0	500.00	493.00	0.06	0.06	20.000	493.06	Absolute	493.06	False	
158	MH-65	440.00	48.0	440.00	433.00	0.04	0.04	20.000	433.04	Absolute	433.04	False	
159	MH-64	420.00	48.0	420.00	413.00	0.19	0.19	21.000	413.19	Absolute	413.19	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.02	0.02	21.000	743.02	Absolute	743.02	False	
183	MH-118	585.00	48.0	585.00	578.00	0.13	0.13	21.000	578.13	Absolute	578.13	False	
187	MH-108	640.00	48.0	640.00	633.00	0.08	0.08	21.000	633.08	Absolute	633.08	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.19	0.19	21.000	273.19	Absolute	273.19	False	
200	MH-126	805.00	48.0	805.00	798.00	0.08	0.08	21.000	798.08	Absolute	798.08	False	
203	MH-60	400.00	48.0	400.00	393.00	0.04	0.04	21.000	393.04	Absolute	393.04	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.06	0.06	21.000	718.06	Absolute	718.06	False	

Current Time: 5.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.03	0.03	20.000	788.03	Absolute	788.03	False	
41	MH-110	680.00	48.0	680.00	673.00	0.07	0.07	21.000	673.07	Absolute	673.07	False	
43	MH-106	605.00	48.0	605.00	598.00	0.15	0.15	21.000	598.15	Absolute	598.15	False	
45	MH-104	525.00	48.0	525.00	518.00	0.15	0.15	21.000	518.15	Absolute	518.15	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.09	0.09	21.000	773.09	Absolute	773.09	False	
54	MH-120	620.00	48.0	620.00	613.00	0.11	0.11	21.000	613.11	Absolute	613.11	False	
56	MH-116	515.00	48.0	515.00	508.00	0.21	0.21	21.000	508.21	Absolute	508.21	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.03	0.03	20.000	428.03	Absolute	428.03	False	
83	MH-52	420.00	48.0	420.00	413.00	0.08	0.08	20.000	413.08	Absolute	413.08	False	
85	MH-50	325.00	48.0	325.00	318.00	0.11	0.11	20.000	318.11	Absolute	318.11	False	
87	MH-48	240.00	48.0	240.00	233.00	0.12	0.12	20.000	233.12	Absolute	233.12	False	
89	MH-26	235.00	48.0	235.00	228.00	0.25	0.25	21.000	228.25	Absolute	228.25	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 5.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.04	0.04	20.000	93.04	Absolute	93.04	False	
93	MH-4	105.00	48.0	105.00	98.00	0.05	0.05	20.000	98.05	Absolute	98.05	False	
94	MH-6	175.00	48.0	175.00	168.00	0.05	0.05	20.000	168.05	Absolute	168.05	False	
98	MH-84	685.00	48.0	685.00	678.00	0.09	0.09	20.000	678.09	Absolute	678.09	False	
99	MH-82	655.00	48.0	655.00	648.00	0.14	0.14	21.000	648.14	Absolute	648.14	False	
100	MH-86	670.00	48.0	670.00	663.00	0.08	0.08	20.000	663.08	Absolute	663.08	False	
101	MH-80	600.00	48.0	600.00	593.00	0.17	0.17	21.000	593.17	Absolute	593.17	False	
102	MH-78	565.00	48.0	565.00	558.00	0.17	0.17	22.000	558.17	Absolute	558.17	False	
103	MH-44	590.00	48.0	590.00	583.00	0.07	0.07	21.000	583.07	Absolute	583.07	False	
104	MH-42	550.00	48.0	550.00	543.00	0.10	0.10	21.000	543.10	Absolute	543.10	False	
105	MH-40	520.00	48.0	520.00	513.00	0.12	0.12	21.000	513.12	Absolute	513.12	False	
106	MH-38	500.00	48.0	500.00	493.00	0.23	0.23	21.000	493.23	Absolute	493.23	False	
109	MH-46	625.00	48.0	625.00	618.00	0.07	0.07	20.000	618.07	Absolute	618.07	False	
117	MH-88	505.00	48.0	505.00	498.00	0.16	0.16	21.000	498.16	Absolute	498.16	False	
118	MH-90	545.00	48.0	545.00	538.00	0.13	0.13	21.000	538.13	Absolute	538.13	False	
119	MH-92	585.00	48.0	585.00	578.00	0.10	0.10	21.000	578.10	Absolute	578.10	False	
120	MH-96	665.00	48.0	665.00	658.00	0.06	0.06	20.000	658.06	Absolute	658.06	False	
121	MH-94	605.00	48.0	605.00	598.00	0.06	0.06	21.000	598.06	Absolute	598.06	False	
128	MH-36	455.00	48.0	455.00	448.00	0.24	0.24	21.000	448.24	Absolute	448.24	False	
129	MH-34	400.00	48.0	400.00	393.00	0.24	0.24	21.000	393.24	Absolute	393.24	False	
130	MH-32	395.00	48.0	395.00	388.00	0.24	0.24	21.000	388.24	Absolute	388.24	False	
131	MH-30	375.00	48.0	375.00	368.00	0.24	0.24	21.000	368.24	Absolute	368.24	False	
132	MH-22	300.00	48.0	300.00	293.00	0.09	0.09	20.000	293.09	Absolute	293.09	False	
133	MH-20	205.00	48.0	205.00	198.00	0.09	0.09	21.000	198.09	Absolute	198.09	False	
134	MH-18	175.00	48.0	175.00	168.00	0.11	0.11	21.000	168.11	Absolute	168.11	False	
135	MH-14	165.00	48.0	165.00	158.00	0.09	0.09	22.000	158.09	Absolute	158.09	False	
136	MH-12	130.00	48.0	130.00	123.00	0.27	0.27	21.000	123.27	Absolute	123.27	False	
137	MH-24	160.00	48.0	160.00	153.00	0.26	0.26	21.000	153.26	Absolute	153.26	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.27	0.27	21.000	108.27	Absolute	108.27	False	
157	MH-102	500.00	48.0	500.00	493.00	0.06	0.06	20.000	493.06	Absolute	493.06	False	
158	MH-65	440.00	48.0	440.00	433.00	0.06	0.06	20.000	433.06	Absolute	433.06	False	
159	MH-64	420.00	48.0	420.00	413.00	0.19	0.19	21.000	413.19	Absolute	413.19	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.03	0.03	21.000	743.03	Absolute	743.03	False	
183	MH-118	585.00	48.0	585.00	578.00	0.14	0.14	21.000	578.14	Absolute	578.14	False	
187	MH-108	640.00	48.0	640.00	633.00	0.09	0.09	21.000	633.09	Absolute	633.09	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.25	0.25	21.000	273.25	Absolute	273.25	False	
200	MH-126	805.00	48.0	805.00	798.00	0.09	0.09	21.000	798.09	Absolute	798.09	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.09	0.09	21.000	718.09	Absolute	718.09	False	

Current Time: 6.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 6.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.14	0.14	21.000	673.14	Absolute	673.14	False	
43	MH-106	605.00	48.0	605.00	598.00	0.21	0.21	21.000	598.21	Absolute	598.21	False	
45	MH-104	525.00	48.0	525.00	518.00	0.16	0.16	21.000	518.16	Absolute	518.16	False	
47	MH-100	510.00	48.0	510.00	503.00	0.10	0.10	20.000	503.10	Absolute	503.10	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.11	0.11	21.000	773.11	Absolute	773.11	False	
54	MH-120	620.00	48.0	620.00	613.00	0.15	0.15	21.000	613.15	Absolute	613.15	False	
56	MH-116	515.00	48.0	515.00	508.00	0.24	0.24	21.000	508.24	Absolute	508.24	False	
59	MH-74	625.00	48.0	625.00	618.00	0.18	0.18	20.000	618.18	Absolute	618.18	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.17	0.17	21.000	508.17	Absolute	508.17	False	
64	MH-75	620.00	48.0	620.00	613.00	0.12	0.12	20.000	613.12	Absolute	613.12	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.62	0.62	20.000	413.62	Absolute	413.62	False	
85	MH-50	325.00	48.0	325.00	318.00	0.45	0.45	20.000	318.45	Absolute	318.45	False	
87	MH-48	240.00	48.0	240.00	233.00	0.34	0.34	20.000	233.34	Absolute	233.34	False	
89	MH-26	235.00	48.0	235.00	228.00	0.29	0.29	21.000	228.29	Absolute	228.29	False	
92	MH-2	100.00	48.0	100.00	93.00	0.26	0.26	20.000	93.26	Absolute	93.26	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.20	0.20	20.000	678.20	Absolute	678.20	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.19	0.19	20.000	663.19	Absolute	663.19	False	
101	MH-80	600.00	48.0	600.00	593.00	0.28	0.28	21.000	593.28	Absolute	593.28	False	
102	MH-78	565.00	48.0	565.00	558.00	0.17	0.17	22.000	558.17	Absolute	558.17	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.18	0.18	21.000	543.18	Absolute	543.18	False	
105	MH-40	520.00	48.0	520.00	513.00	0.14	0.14	21.000	513.14	Absolute	513.14	False	
106	MH-38	500.00	48.0	500.00	493.00	0.24	0.24	21.000	493.24	Absolute	493.24	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.27	0.27	21.000	498.27	Absolute	498.27	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.19	0.19	21.000	578.19	Absolute	578.19	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.09	0.09	21.000	598.09	Absolute	598.09	False	
128	MH-36	455.00	48.0	455.00	448.00	0.28	0.28	21.000	448.28	Absolute	448.28	False	
129	MH-34	400.00	48.0	400.00	393.00	0.26	0.26	21.000	393.26	Absolute	393.26	False	
130	MH-32	395.00	48.0	395.00	388.00	0.27	0.27	21.000	388.27	Absolute	388.27	False	
131	MH-30	375.00	48.0	375.00	368.00	0.26	0.26	21.000	368.26	Absolute	368.26	False	
132	MH-22	300.00	48.0	300.00	293.00	0.21	0.21	20.000	293.21	Absolute	293.21	False	
133	MH-20	205.00	48.0	205.00	198.00	0.13	0.13	21.000	198.13	Absolute	198.13	False	
134	MH-18	175.00	48.0	175.00	168.00	0.15	0.15	21.000	168.15	Absolute	168.15	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 6.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.09	0.09	22.000	158.09	Absolute	158.09	False	
136	MH-12	130.00	48.0	130.00	123.00	0.28	0.28	21.000	123.28	Absolute	123.28	False	
137	MH-24	160.00	48.0	160.00	153.00	0.29	0.29	21.000	153.29	Absolute	153.29	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.27	0.27	21.000	108.27	Absolute	108.27	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.28	0.28	20.000	433.28	Absolute	433.28	False	
159	MH-64	420.00	48.0	420.00	413.00	0.28	0.28	21.000	413.28	Absolute	413.28	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.03	0.03	21.000	743.03	Absolute	743.03	False	
183	MH-118	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
187	MH-108	640.00	48.0	640.00	633.00	0.17	0.17	21.000	633.17	Absolute	633.17	False	
190	MH-76	535.00	48.0	535.00	528.00	0.13	0.13	20.000	528.13	Absolute	528.13	False	
196	MH-28	280.00	48.0	280.00	273.00	0.30	0.30	21.000	273.30	Absolute	273.30	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.19	0.19	21.000	466.73	Absolute	466.73	False	
260	MH-75	725.00	48.0	725.00	718.00	0.09	0.09	21.000	718.09	Absolute	718.09	False	

Current Time: 7.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.27	0.27	21.000	518.27	Absolute	518.27	False	
47	MH-100	510.00	48.0	510.00	503.00	0.10	0.10	20.000	503.10	Absolute	503.10	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.21	0.21	21.000	773.21	Absolute	773.21	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.41	0.41	21.000	508.41	Absolute	508.41	False	
59	MH-74	625.00	48.0	625.00	618.00	0.18	0.18	20.000	618.18	Absolute	618.18	False	
60	MH-72	529.00	48.0	529.00	522.00	0.21	0.21	21.000	522.21	Absolute	522.21	False	
62	MH-70	515.00	48.0	515.00	508.00	0.23	0.23	21.000	508.23	Absolute	508.23	False	
64	MH-75	620.00	48.0	620.00	613.00	0.12	0.12	20.000	613.12	Absolute	613.12	False	
67	MH-66	425.00	48.0	425.00	418.00	0.28	0.28	21.000	418.28	Absolute	418.28	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.72	0.72	20.000	413.72	Absolute	413.72	False	
85	MH-50	325.00	48.0	325.00	318.00	0.74	0.74	20.000	318.74	Absolute	318.74	False	
87	MH-48	240.00	48.0	240.00	233.00	0.81	0.81	20.000	233.81	Absolute	233.81	False	
89	MH-26	235.00	48.0	235.00	228.00	0.86	0.86	21.000	228.86	Absolute	228.86	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 7.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.20	0.20	20.000	678.20	Absolute	678.20	False	
99	MH-82	655.00	48.0	655.00	648.00	0.32	0.32	21.000	648.32	Absolute	648.32	False	
100	MH-86	670.00	48.0	670.00	663.00	0.19	0.19	20.000	663.19	Absolute	663.19	False	
101	MH-80	600.00	48.0	600.00	593.00	0.39	0.39	21.000	593.39	Absolute	593.39	False	
102	MH-78	565.00	48.0	565.00	558.00	0.39	0.39	22.000	558.39	Absolute	558.39	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.23	0.23	21.000	543.23	Absolute	543.23	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.52	0.52	21.000	493.52	Absolute	493.52	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.37	0.37	21.000	498.37	Absolute	498.37	False	
118	MH-90	545.00	48.0	545.00	538.00	0.29	0.29	21.000	538.29	Absolute	538.29	False	
119	MH-92	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.54	0.54	21.000	448.54	Absolute	448.54	False	
129	MH-34	400.00	48.0	400.00	393.00	0.54	0.54	21.000	393.54	Absolute	393.54	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.21	0.21	20.000	293.21	Absolute	293.21	False	
133	MH-20	205.00	48.0	205.00	198.00	0.21	0.21	21.000	198.21	Absolute	198.21	False	
134	MH-18	175.00	48.0	175.00	168.00	0.24	0.24	21.000	168.24	Absolute	168.24	False	
135	MH-14	165.00	48.0	165.00	158.00	0.21	0.21	22.000	158.21	Absolute	158.21	False	
136	MH-12	130.00	48.0	130.00	123.00	0.88	0.88	21.000	123.88	Absolute	123.88	False	
137	MH-24	160.00	48.0	160.00	153.00	0.86	0.86	21.000	153.86	Absolute	153.86	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.88	0.88	21.000	108.88	Absolute	108.88	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.10	0.10	21.000	443.10	Absolute	443.10	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.21	0.21	21.000	633.21	Absolute	633.21	False	
190	MH-76	535.00	48.0	535.00	528.00	0.13	0.13	20.000	528.13	Absolute	528.13	False	
196	MH-28	280.00	48.0	280.00	273.00	0.55	0.55	21.000	273.55	Absolute	273.55	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.25	0.25	21.000	466.79	Absolute	466.79	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 8.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 8.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.32	0.32	21.000	598.32	Absolute	598.32	False	
45	MH-104	525.00	48.0	525.00	518.00	0.28	0.28	21.000	518.28	Absolute	518.28	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.20	0.20	21.000	773.20	Absolute	773.20	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.42	0.42	21.000	508.42	Absolute	508.42	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.22	0.22	21.000	522.22	Absolute	522.22	False	
62	MH-70	515.00	48.0	515.00	508.00	0.24	0.24	21.000	508.24	Absolute	508.24	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.28	0.28	21.000	418.28	Absolute	418.28	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.73	0.73	20.000	413.73	Absolute	413.73	False	
85	MH-50	325.00	48.0	325.00	318.00	0.74	0.74	20.000	318.74	Absolute	318.74	False	
87	MH-48	240.00	48.0	240.00	233.00	0.81	0.81	20.000	233.81	Absolute	233.81	False	
89	MH-26	235.00	48.0	235.00	228.00	0.86	0.86	21.000	228.86	Absolute	228.86	False	
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.17	0.17	20.000	678.17	Absolute	678.17	False	
99	MH-82	655.00	48.0	655.00	648.00	0.30	0.30	21.000	648.30	Absolute	648.30	False	
100	MH-86	670.00	48.0	670.00	663.00	0.16	0.16	20.000	663.16	Absolute	663.16	False	
101	MH-80	600.00	48.0	600.00	593.00	0.36	0.36	21.000	593.36	Absolute	593.36	False	
102	MH-78	565.00	48.0	565.00	558.00	0.39	0.39	22.000	558.39	Absolute	558.39	False	
103	MH-44	590.00	48.0	590.00	583.00	0.14	0.14	21.000	583.14	Absolute	583.14	False	
104	MH-42	550.00	48.0	550.00	543.00	0.21	0.21	21.000	543.21	Absolute	543.21	False	
105	MH-40	520.00	48.0	520.00	513.00	0.26	0.26	21.000	513.26	Absolute	513.26	False	
106	MH-38	500.00	48.0	500.00	493.00	0.52	0.52	21.000	493.52	Absolute	493.52	False	
109	MH-46	625.00	48.0	625.00	618.00	0.13	0.13	20.000	618.13	Absolute	618.13	False	
117	MH-88	505.00	48.0	505.00	498.00	0.35	0.35	21.000	498.35	Absolute	498.35	False	
118	MH-90	545.00	48.0	545.00	538.00	0.27	0.27	21.000	538.27	Absolute	538.27	False	
119	MH-92	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
120	MH-96	665.00	48.0	665.00	658.00	0.12	0.12	20.000	658.12	Absolute	658.12	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.53	0.53	21.000	448.53	Absolute	448.53	False	
129	MH-34	400.00	48.0	400.00	393.00	0.53	0.53	21.000	393.53	Absolute	393.53	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.17	0.17	20.000	293.17	Absolute	293.17	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.23	0.23	21.000	168.23	Absolute	168.23	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 8.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.21	0.21	22.000	158.21	Absolute	158.21	False	
136	MH-12	130.00	48.0	130.00	123.00	0.88	0.88	21.000	123.88	Absolute	123.88	False	
137	MH-24	160.00	48.0	160.00	153.00	0.86	0.86	21.000	153.86	Absolute	153.86	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.88	0.88	21.000	108.88	Absolute	108.88	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.63	0.63	21.000	413.63	Absolute	413.63	False	
173	MH-98	450.00	48.0	450.00	443.00	0.10	0.10	21.000	443.10	Absolute	443.10	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.28	0.28	21.000	578.28	Absolute	578.28	False	
187	MH-108	640.00	48.0	640.00	633.00	0.19	0.19	21.000	633.19	Absolute	633.19	False	
190	MH-76	535.00	48.0	535.00	528.00	0.18	0.18	20.000	528.18	Absolute	528.18	False	
196	MH-28	280.00	48.0	280.00	273.00	0.54	0.54	21.000	273.54	Absolute	273.54	False	
200	MH-126	805.00	48.0	805.00	798.00	0.16	0.16	21.000	798.16	Absolute	798.16	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.27	0.27	21.000	466.82	Absolute	466.82	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 9.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.30	0.30	21.000	598.30	Absolute	598.30	False	
45	MH-104	525.00	48.0	525.00	518.00	0.30	0.30	21.000	518.30	Absolute	518.30	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.19	0.19	21.000	613.19	Absolute	613.19	False	
56	MH-116	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.30	0.30	21.000	522.30	Absolute	522.30	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.41	0.41	21.000	418.41	Absolute	418.41	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.39	0.39	20.000	413.39	Absolute	413.39	False	
85	MH-50	325.00	48.0	325.00	318.00	0.61	0.61	20.000	318.61	Absolute	318.61	False	
87	MH-48	240.00	48.0	240.00	233.00	0.73	0.73	20.000	233.73	Absolute	233.73	False	
89	MH-26	235.00	48.0	235.00	228.00	0.81	0.81	21.000	228.81	Absolute	228.81	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 9.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.85	0.85	20.000	93.85	Absolute	93.85	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.17	0.17	20.000	678.17	Absolute	678.17	False	
99	MH-82	655.00	48.0	655.00	648.00	0.27	0.27	21.000	648.27	Absolute	648.27	False	
100	MH-86	670.00	48.0	670.00	663.00	0.16	0.16	20.000	663.16	Absolute	663.16	False	
101	MH-80	600.00	48.0	600.00	593.00	0.32	0.32	21.000	593.32	Absolute	593.32	False	
102	MH-78	565.00	48.0	565.00	558.00	0.32	0.32	22.000	558.32	Absolute	558.32	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.19	0.19	21.000	543.19	Absolute	543.19	False	
105	MH-40	520.00	48.0	520.00	513.00	0.23	0.23	21.000	513.23	Absolute	513.23	False	
106	MH-38	500.00	48.0	500.00	493.00	0.44	0.44	21.000	493.44	Absolute	493.44	False	
109	MH-46	625.00	48.0	625.00	618.00	0.13	0.13	20.000	618.13	Absolute	618.13	False	
117	MH-88	505.00	48.0	505.00	498.00	0.31	0.31	21.000	498.31	Absolute	498.31	False	
118	MH-90	545.00	48.0	545.00	538.00	0.24	0.24	21.000	538.24	Absolute	538.24	False	
119	MH-92	585.00	48.0	585.00	578.00	0.19	0.19	21.000	578.19	Absolute	578.19	False	
120	MH-96	665.00	48.0	665.00	658.00	0.12	0.12	20.000	658.12	Absolute	658.12	False	
121	MH-94	605.00	48.0	605.00	598.00	0.12	0.12	21.000	598.12	Absolute	598.12	False	
128	MH-36	455.00	48.0	455.00	448.00	0.46	0.46	21.000	448.46	Absolute	448.46	False	
129	MH-34	400.00	48.0	400.00	393.00	0.46	0.46	21.000	393.46	Absolute	393.46	False	
130	MH-32	395.00	48.0	395.00	388.00	0.45	0.45	21.000	388.45	Absolute	388.45	False	
131	MH-30	375.00	48.0	375.00	368.00	0.46	0.46	21.000	368.46	Absolute	368.46	False	
132	MH-22	300.00	48.0	300.00	293.00	0.17	0.17	20.000	293.17	Absolute	293.17	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	
135	MH-14	165.00	48.0	165.00	158.00	0.17	0.17	22.000	158.17	Absolute	158.17	False	
136	MH-12	130.00	48.0	130.00	123.00	0.83	0.83	21.000	123.83	Absolute	123.83	False	
137	MH-24	160.00	48.0	160.00	153.00	0.82	0.82	21.000	153.82	Absolute	153.82	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.84	0.84	21.000	108.84	Absolute	108.84	False	
157	MH-102	500.00	48.0	500.00	493.00	0.10	0.10	20.000	493.10	Absolute	493.10	False	
158	MH-65	440.00	48.0	440.00	433.00	0.53	0.53	20.000	433.53	Absolute	433.53	False	
159	MH-64	420.00	48.0	420.00	413.00	0.66	0.66	21.000	413.66	Absolute	413.66	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.26	0.26	21.000	578.26	Absolute	578.26	False	
187	MH-108	640.00	48.0	640.00	633.00	0.17	0.17	21.000	633.17	Absolute	633.17	False	
190	MH-76	535.00	48.0	535.00	528.00	0.18	0.18	20.000	528.18	Absolute	528.18	False	
196	MH-28	280.00	48.0	280.00	273.00	0.47	0.47	21.000	273.47	Absolute	273.47	False	
200	MH-126	805.00	48.0	805.00	798.00	0.16	0.16	21.000	798.16	Absolute	798.16	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.36	0.36	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.16	0.16	21.000	718.16	Absolute	718.16	False	

Current Time: 10.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.29	0.29	21.000	518.29	Absolute	518.29	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
59	MH-74	625.00	48.0	625.00	618.00	0.21	0.21	20.000	618.21	Absolute	618.21	False	
60	MH-72	529.00	48.0	529.00	522.00	0.30	0.30	21.000	522.30	Absolute	522.30	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.41	0.41	21.000	418.41	Absolute	418.41	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.13	0.13	20.000	413.13	Absolute	413.13	False	
85	MH-50	325.00	48.0	325.00	318.00	0.18	0.18	20.000	318.18	Absolute	318.18	False	
87	MH-48	240.00	48.0	240.00	233.00	0.21	0.21	20.000	233.21	Absolute	233.21	False	
89	MH-26	235.00	48.0	235.00	228.00	0.47	0.47	21.000	228.47	Absolute	228.47	False	
92	MH-2	100.00	48.0	100.00	93.00	0.08	0.08	20.000	93.08	Absolute	93.08	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.08	0.08	20.000	168.08	Absolute	168.08	False	
98	MH-84	685.00	48.0	685.00	678.00	0.13	0.13	20.000	678.13	Absolute	678.13	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.12	0.12	20.000	663.12	Absolute	663.12	False	
101	MH-80	600.00	48.0	600.00	593.00	0.30	0.30	21.000	593.30	Absolute	593.30	False	
102	MH-78	565.00	48.0	565.00	558.00	0.32	0.32	22.000	558.32	Absolute	558.32	False	
103	MH-44	590.00	48.0	590.00	583.00	0.12	0.12	21.000	583.12	Absolute	583.12	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.21	0.21	21.000	513.21	Absolute	513.21	False	
106	MH-38	500.00	48.0	500.00	493.00	0.44	0.44	21.000	493.44	Absolute	493.44	False	
109	MH-46	625.00	48.0	625.00	618.00	0.10	0.10	20.000	618.10	Absolute	618.10	False	
117	MH-88	505.00	48.0	505.00	498.00	0.28	0.28	21.000	498.28	Absolute	498.28	False	
118	MH-90	545.00	48.0	545.00	538.00	0.22	0.22	21.000	538.22	Absolute	538.22	False	
119	MH-92	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.45	0.45	21.000	448.45	Absolute	448.45	False	
129	MH-34	400.00	48.0	400.00	393.00	0.45	0.45	21.000	393.45	Absolute	393.45	False	
130	MH-32	395.00	48.0	395.00	388.00	0.44	0.44	21.000	388.44	Absolute	388.44	False	
131	MH-30	375.00	48.0	375.00	368.00	0.45	0.45	21.000	368.45	Absolute	368.45	False	
132	MH-22	300.00	48.0	300.00	293.00	0.14	0.14	20.000	293.14	Absolute	293.14	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.17	0.17	22.000	158.17	Absolute	158.17	False	
136	MH-12	130.00	48.0	130.00	123.00	0.50	0.50	21.000	123.50	Absolute	123.50	False	
137	MH-24	160.00	48.0	160.00	153.00	0.48	0.48	21.000	153.48	Absolute	153.48	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.51	0.51	21.000	108.51	Absolute	108.51	False	
157	MH-102	500.00	48.0	500.00	493.00	0.08	0.08	20.000	493.08	Absolute	493.08	False	
158	MH-65	440.00	48.0	440.00	433.00	0.10	0.10	20.000	433.10	Absolute	433.10	False	
159	MH-64	420.00	48.0	420.00	413.00	0.37	0.37	21.000	413.37	Absolute	413.37	False	
173	MH-98	450.00	48.0	450.00	443.00	0.14	0.14	21.000	443.14	Absolute	443.14	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.15	0.15	20.000	528.15	Absolute	528.15	False	
196	MH-28	280.00	48.0	280.00	273.00	0.46	0.46	21.000	273.46	Absolute	273.46	False	
200	MH-126	805.00	48.0	805.00	798.00	0.13	0.13	21.000	798.13	Absolute	798.13	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.35	0.35	21.000	466.90	Absolute	466.90	False	
260	MH-75	725.00	48.0	725.00	718.00	0.16	0.16	21.000	718.16	Absolute	718.16	False	

Current Time: 11.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.10	0.10	21.000	673.10	Absolute	673.10	False	
43	MH-106	605.00	48.0	605.00	598.00	0.25	0.25	21.000	598.25	Absolute	598.25	False	
45	MH-104	525.00	48.0	525.00	518.00	0.25	0.25	21.000	518.25	Absolute	518.25	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.14	0.14	21.000	773.14	Absolute	773.14	False	
54	MH-120	620.00	48.0	620.00	613.00	0.16	0.16	21.000	613.16	Absolute	613.16	False	
56	MH-116	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
59	MH-74	625.00	48.0	625.00	618.00	0.21	0.21	20.000	618.21	Absolute	618.21	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.13	0.13	20.000	413.13	Absolute	413.13	False	
85	MH-50	325.00	48.0	325.00	318.00	0.16	0.16	20.000	318.16	Absolute	318.16	False	
87	MH-48	240.00	48.0	240.00	233.00	0.18	0.18	20.000	233.18	Absolute	233.18	False	
89	MH-26	235.00	48.0	235.00	228.00	0.39	0.39	21.000	228.39	Absolute	228.39	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 11.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.06	0.06	20.000	93.06	Absolute	93.06	False	
93	MH-4	105.00	48.0	105.00	98.00	0.07	0.07	20.000	98.07	Absolute	98.07	False	
94	MH-6	175.00	48.0	175.00	168.00	0.08	0.08	20.000	168.08	Absolute	168.08	False	
98	MH-84	685.00	48.0	685.00	678.00	0.13	0.13	20.000	678.13	Absolute	678.13	False	
99	MH-82	655.00	48.0	655.00	648.00	0.21	0.21	21.000	648.21	Absolute	648.21	False	
100	MH-86	670.00	48.0	670.00	663.00	0.12	0.12	20.000	663.12	Absolute	663.12	False	
101	MH-80	600.00	48.0	600.00	593.00	0.26	0.26	21.000	593.26	Absolute	593.26	False	
102	MH-78	565.00	48.0	565.00	558.00	0.26	0.26	22.000	558.26	Absolute	558.26	False	
103	MH-44	590.00	48.0	590.00	583.00	0.10	0.10	21.000	583.10	Absolute	583.10	False	
104	MH-42	550.00	48.0	550.00	543.00	0.15	0.15	21.000	543.15	Absolute	543.15	False	
105	MH-40	520.00	48.0	520.00	513.00	0.19	0.19	21.000	513.19	Absolute	513.19	False	
106	MH-38	500.00	48.0	500.00	493.00	0.35	0.35	21.000	493.35	Absolute	493.35	False	
109	MH-46	625.00	48.0	625.00	618.00	0.10	0.10	20.000	618.10	Absolute	618.10	False	
117	MH-88	505.00	48.0	505.00	498.00	0.24	0.24	21.000	498.24	Absolute	498.24	False	
118	MH-90	545.00	48.0	545.00	538.00	0.19	0.19	21.000	538.19	Absolute	538.19	False	
119	MH-92	585.00	48.0	585.00	578.00	0.15	0.15	21.000	578.15	Absolute	578.15	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.37	0.37	21.000	448.37	Absolute	448.37	False	
129	MH-34	400.00	48.0	400.00	393.00	0.37	0.37	21.000	393.37	Absolute	393.37	False	
130	MH-32	395.00	48.0	395.00	388.00	0.36	0.36	21.000	388.36	Absolute	388.36	False	
131	MH-30	375.00	48.0	375.00	368.00	0.37	0.37	21.000	368.37	Absolute	368.37	False	
132	MH-22	300.00	48.0	300.00	293.00	0.14	0.14	20.000	293.14	Absolute	293.14	False	
133	MH-20	205.00	48.0	205.00	198.00	0.14	0.14	21.000	198.14	Absolute	198.14	False	
134	MH-18	175.00	48.0	175.00	168.00	0.16	0.16	21.000	168.16	Absolute	168.16	False	
135	MH-14	165.00	48.0	165.00	158.00	0.14	0.14	22.000	158.14	Absolute	158.14	False	
136	MH-12	130.00	48.0	130.00	123.00	0.41	0.41	21.000	123.41	Absolute	123.41	False	
137	MH-24	160.00	48.0	160.00	153.00	0.39	0.39	21.000	153.39	Absolute	153.39	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.41	0.41	21.000	108.41	Absolute	108.41	False	
157	MH-102	500.00	48.0	500.00	493.00	0.08	0.08	20.000	493.08	Absolute	493.08	False	
158	MH-65	440.00	48.0	440.00	433.00	0.08	0.08	20.000	433.08	Absolute	433.08	False	
159	MH-64	420.00	48.0	420.00	413.00	0.31	0.31	21.000	413.31	Absolute	413.31	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
187	MH-108	640.00	48.0	640.00	633.00	0.14	0.14	21.000	633.14	Absolute	633.14	False	
190	MH-76	535.00	48.0	535.00	528.00	0.15	0.15	20.000	528.15	Absolute	528.15	False	
196	MH-28	280.00	48.0	280.00	273.00	0.38	0.38	21.000	273.38	Absolute	273.38	False	
200	MH-126	805.00	48.0	805.00	798.00	0.13	0.13	21.000	798.13	Absolute	798.13	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.84	Absolute	466.84	False	
260	MH-75	725.00	48.0	725.00	718.00	0.13	0.13	21.000	718.13	Absolute	718.13	False	

Current Time: 12.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 12.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.25	0.25	21.000	518.25	Absolute	518.25	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.14	0.14	21.000	773.14	Absolute	773.14	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.62	0.62	20.000	413.62	Absolute	413.62	False	
85	MH-50	325.00	48.0	325.00	318.00	0.44	0.44	20.000	318.44	Absolute	318.44	False	
87	MH-48	240.00	48.0	240.00	233.00	0.35	0.35	20.000	233.35	Absolute	233.35	False	
89	MH-26	235.00	48.0	235.00	228.00	0.39	0.39	21.000	228.39	Absolute	228.39	False	
92	MH-2	100.00	48.0	100.00	93.00	0.27	0.27	20.000	93.27	Absolute	93.27	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.09	0.09	20.000	168.09	Absolute	168.09	False	
98	MH-84	685.00	48.0	685.00	678.00	0.14	0.14	20.000	678.14	Absolute	678.14	False	
99	MH-82	655.00	48.0	655.00	648.00	0.22	0.22	21.000	648.22	Absolute	648.22	False	
100	MH-86	670.00	48.0	670.00	663.00	0.13	0.13	20.000	663.13	Absolute	663.13	False	
101	MH-80	600.00	48.0	600.00	593.00	0.27	0.27	21.000	593.27	Absolute	593.27	False	
102	MH-78	565.00	48.0	565.00	558.00	0.26	0.26	22.000	558.26	Absolute	558.26	False	
103	MH-44	590.00	48.0	590.00	583.00	0.10	0.10	21.000	583.10	Absolute	583.10	False	
104	MH-42	550.00	48.0	550.00	543.00	0.16	0.16	21.000	543.16	Absolute	543.16	False	
105	MH-40	520.00	48.0	520.00	513.00	0.19	0.19	21.000	513.19	Absolute	513.19	False	
106	MH-38	500.00	48.0	500.00	493.00	0.35	0.35	21.000	493.35	Absolute	493.35	False	
109	MH-46	625.00	48.0	625.00	618.00	0.11	0.11	20.000	618.11	Absolute	618.11	False	
117	MH-88	505.00	48.0	505.00	498.00	0.25	0.25	21.000	498.25	Absolute	498.25	False	
118	MH-90	545.00	48.0	545.00	538.00	0.20	0.20	21.000	538.20	Absolute	538.20	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.37	0.37	21.000	448.37	Absolute	448.37	False	
129	MH-34	400.00	48.0	400.00	393.00	0.37	0.37	21.000	393.37	Absolute	393.37	False	
130	MH-32	395.00	48.0	395.00	388.00	0.36	0.36	21.000	388.36	Absolute	388.36	False	
131	MH-30	375.00	48.0	375.00	368.00	0.37	0.37	21.000	368.37	Absolute	368.37	False	
132	MH-22	300.00	48.0	300.00	293.00	0.15	0.15	20.000	293.15	Absolute	293.15	False	
133	MH-20	205.00	48.0	205.00	198.00	0.14	0.14	21.000	198.14	Absolute	198.14	False	
134	MH-18	175.00	48.0	175.00	168.00	0.16	0.16	21.000	168.16	Absolute	168.16	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 12.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.14	0.14	22.000	158.14	Absolute	158.14	False	
136	MH-12	130.00	48.0	130.00	123.00	0.41	0.41	21.000	123.41	Absolute	123.41	False	
137	MH-24	160.00	48.0	160.00	153.00	0.39	0.39	21.000	153.39	Absolute	153.39	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.41	0.41	21.000	108.41	Absolute	108.41	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.29	0.29	20.000	433.29	Absolute	433.29	False	
159	MH-64	420.00	48.0	420.00	413.00	0.35	0.35	21.000	413.35	Absolute	413.35	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
187	MH-108	640.00	48.0	640.00	633.00	0.15	0.15	21.000	633.15	Absolute	633.15	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.38	0.38	21.000	273.38	Absolute	273.38	False	
200	MH-126	805.00	48.0	805.00	798.00	0.14	0.14	21.000	798.14	Absolute	798.14	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.84	Absolute	466.84	False	
260	MH-75	725.00	48.0	725.00	718.00	0.13	0.13	21.000	718.13	Absolute	718.13	False	

Current Time: 13.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.26	0.26	21.000	518.26	Absolute	518.26	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.15	0.15	21.000	773.15	Absolute	773.15	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.36	0.36	21.000	508.36	Absolute	508.36	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.26	0.26	21.000	522.26	Absolute	522.26	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.36	0.36	21.000	418.36	Absolute	418.36	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.72	0.72	20.000	413.72	Absolute	413.72	False	
85	MH-50	325.00	48.0	325.00	318.00	0.73	0.73	20.000	318.73	Absolute	318.73	False	
87	MH-48	240.00	48.0	240.00	233.00	0.80	0.80	20.000	233.80	Absolute	233.80	False	
89	MH-26	235.00	48.0	235.00	228.00	0.78	0.78	21.000	228.78	Absolute	228.78	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 13.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.09	0.09	20.000	168.09	Absolute	168.09	False	
98	MH-84	685.00	48.0	685.00	678.00	0.14	0.14	20.000	678.14	Absolute	678.14	False	
99	MH-82	655.00	48.0	655.00	648.00	0.23	0.23	21.000	648.23	Absolute	648.23	False	
100	MH-86	670.00	48.0	670.00	663.00	0.13	0.13	20.000	663.13	Absolute	663.13	False	
101	MH-80	600.00	48.0	600.00	593.00	0.28	0.28	21.000	593.28	Absolute	593.28	False	
102	MH-78	565.00	48.0	565.00	558.00	0.28	0.28	22.000	558.28	Absolute	558.28	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.16	0.16	21.000	543.16	Absolute	543.16	False	
105	MH-40	520.00	48.0	520.00	513.00	0.20	0.20	21.000	513.20	Absolute	513.20	False	
106	MH-38	500.00	48.0	500.00	493.00	0.38	0.38	21.000	493.38	Absolute	493.38	False	
109	MH-46	625.00	48.0	625.00	618.00	0.11	0.11	20.000	618.11	Absolute	618.11	False	
117	MH-88	505.00	48.0	505.00	498.00	0.26	0.26	21.000	498.26	Absolute	498.26	False	
118	MH-90	545.00	48.0	545.00	538.00	0.21	0.21	21.000	538.21	Absolute	538.21	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.39	0.39	21.000	448.39	Absolute	448.39	False	
129	MH-34	400.00	48.0	400.00	393.00	0.39	0.39	21.000	393.39	Absolute	393.39	False	
130	MH-32	395.00	48.0	395.00	388.00	0.38	0.38	21.000	388.38	Absolute	388.38	False	
131	MH-30	375.00	48.0	375.00	368.00	0.39	0.39	21.000	368.39	Absolute	368.39	False	
132	MH-22	300.00	48.0	300.00	293.00	0.15	0.15	20.000	293.15	Absolute	293.15	False	
133	MH-20	205.00	48.0	205.00	198.00	0.15	0.15	21.000	198.15	Absolute	198.15	False	
134	MH-18	175.00	48.0	175.00	168.00	0.17	0.17	21.000	168.17	Absolute	168.17	False	
135	MH-14	165.00	48.0	165.00	158.00	0.15	0.15	22.000	158.15	Absolute	158.15	False	
136	MH-12	130.00	48.0	130.00	123.00	0.79	0.79	21.000	123.79	Absolute	123.79	False	
137	MH-24	160.00	48.0	160.00	153.00	0.78	0.78	21.000	153.78	Absolute	153.78	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.79	0.79	21.000	108.79	Absolute	108.79	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.66	0.66	21.000	413.66	Absolute	413.66	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.15	0.15	21.000	633.15	Absolute	633.15	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.41	0.41	21.000	273.41	Absolute	273.41	False	
200	MH-126	805.00	48.0	805.00	798.00	0.14	0.14	21.000	798.14	Absolute	798.14	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.31	0.31	21.000	466.86	Absolute	466.86	False	
260	MH-75	725.00	48.0	725.00	718.00	0.14	0.14	21.000	718.14	Absolute	718.14	False	

Current Time: 14.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 14.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.12	0.12	21.000	673.12	Absolute	673.12	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.26	0.26	21.000	518.26	Absolute	518.26	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.15	0.15	21.000	773.15	Absolute	773.15	False	
54	MH-120	620.00	48.0	620.00	613.00	0.20	0.20	21.000	613.20	Absolute	613.20	False	
56	MH-116	515.00	48.0	515.00	508.00	0.36	0.36	21.000	508.36	Absolute	508.36	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.26	0.26	21.000	522.26	Absolute	522.26	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.36	0.36	21.000	418.36	Absolute	418.36	False	
75	MH-62	450.00	48.0	450.00	443.00	0.08	0.08	20.000	443.08	Absolute	443.08	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.72	0.72	20.000	413.72	Absolute	413.72	False	
85	MH-50	325.00	48.0	325.00	318.00	0.73	0.73	20.000	318.73	Absolute	318.73	False	
87	MH-48	240.00	48.0	240.00	233.00	0.80	0.80	20.000	233.80	Absolute	233.80	False	
89	MH-26	235.00	48.0	235.00	228.00	0.78	0.78	21.000	228.78	Absolute	228.78	False	
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.16	0.16	20.000	678.16	Absolute	678.16	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.15	0.15	20.000	663.15	Absolute	663.15	False	
101	MH-80	600.00	48.0	600.00	593.00	0.29	0.29	21.000	593.29	Absolute	593.29	False	
102	MH-78	565.00	48.0	565.00	558.00	0.28	0.28	22.000	558.28	Absolute	558.28	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.20	0.20	21.000	513.20	Absolute	513.20	False	
106	MH-38	500.00	48.0	500.00	493.00	0.38	0.38	21.000	493.38	Absolute	493.38	False	
109	MH-46	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
117	MH-88	505.00	48.0	505.00	498.00	0.27	0.27	21.000	498.27	Absolute	498.27	False	
118	MH-90	545.00	48.0	545.00	538.00	0.22	0.22	21.000	538.22	Absolute	538.22	False	
119	MH-92	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
120	MH-96	665.00	48.0	665.00	658.00	0.11	0.11	20.000	658.11	Absolute	658.11	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.40	0.40	21.000	448.40	Absolute	448.40	False	
129	MH-34	400.00	48.0	400.00	393.00	0.39	0.39	21.000	393.39	Absolute	393.39	False	
130	MH-32	395.00	48.0	395.00	388.00	0.39	0.39	21.000	388.39	Absolute	388.39	False	
131	MH-30	375.00	48.0	375.00	368.00	0.39	0.39	21.000	368.39	Absolute	368.39	False	
132	MH-22	300.00	48.0	300.00	293.00	0.16	0.16	20.000	293.16	Absolute	293.16	False	
133	MH-20	205.00	48.0	205.00	198.00	0.15	0.15	21.000	198.15	Absolute	198.15	False	
134	MH-18	175.00	48.0	175.00	168.00	0.17	0.17	21.000	168.17	Absolute	168.17	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 14.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.15	0.15	22.000	158.15	Absolute	158.15	False	
136	MH-12	130.00	48.0	130.00	123.00	0.79	0.79	21.000	123.79	Absolute	123.79	False	
137	MH-24	160.00	48.0	160.00	153.00	0.78	0.78	21.000	153.78	Absolute	153.78	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.79	0.79	21.000	108.79	Absolute	108.79	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.66	0.66	21.000	413.66	Absolute	413.66	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.41	0.41	21.000	273.41	Absolute	273.41	False	
200	MH-126	805.00	48.0	805.00	798.00	0.15	0.15	21.000	798.15	Absolute	798.15	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.31	0.31	21.000	466.86	Absolute	466.86	False	
260	MH-75	725.00	48.0	725.00	718.00	0.14	0.14	21.000	718.14	Absolute	718.14	False	

Current Time: 15.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.12	0.12	21.000	673.12	Absolute	673.12	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.27	0.27	21.000	518.27	Absolute	518.27	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.16	0.16	21.000	773.16	Absolute	773.16	False	
54	MH-120	620.00	48.0	620.00	613.00	0.21	0.21	21.000	613.21	Absolute	613.21	False	
56	MH-116	515.00	48.0	515.00	508.00	0.39	0.39	21.000	508.39	Absolute	508.39	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.27	0.27	21.000	522.27	Absolute	522.27	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.37	0.37	21.000	418.37	Absolute	418.37	False	
75	MH-62	450.00	48.0	450.00	443.00	0.08	0.08	20.000	443.08	Absolute	443.08	False	
76	MH-58	395.00	48.0	395.00	388.00	0.08	0.08	21.000	388.08	Absolute	388.08	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.39	0.39	20.000	413.39	Absolute	413.39	False	
85	MH-50	325.00	48.0	325.00	318.00	0.60	0.60	20.000	318.60	Absolute	318.60	False	
87	MH-48	240.00	48.0	240.00	233.00	0.72	0.72	20.000	233.72	Absolute	233.72	False	
89	MH-26	235.00	48.0	235.00	228.00	0.80	0.80	21.000	228.80	Absolute	228.80	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 15.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.85	0.85	20.000	93.85	Absolute	93.85	False	
93	MH-4	105.00	48.0	105.00	98.00	0.08	0.08	20.000	98.08	Absolute	98.08	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.16	0.16	20.000	678.16	Absolute	678.16	False	
99	MH-82	655.00	48.0	655.00	648.00	0.25	0.25	21.000	648.25	Absolute	648.25	False	
100	MH-86	670.00	48.0	670.00	663.00	0.15	0.15	20.000	663.15	Absolute	663.15	False	
101	MH-80	600.00	48.0	600.00	593.00	0.30	0.30	21.000	593.30	Absolute	593.30	False	
102	MH-78	565.00	48.0	565.00	558.00	0.30	0.30	22.000	558.30	Absolute	558.30	False	
103	MH-44	590.00	48.0	590.00	583.00	0.12	0.12	21.000	583.12	Absolute	583.12	False	
104	MH-42	550.00	48.0	550.00	543.00	0.18	0.18	21.000	543.18	Absolute	543.18	False	
105	MH-40	520.00	48.0	520.00	513.00	0.21	0.21	21.000	513.21	Absolute	513.21	False	
106	MH-38	500.00	48.0	500.00	493.00	0.41	0.41	21.000	493.41	Absolute	493.41	False	
109	MH-46	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
117	MH-88	505.00	48.0	505.00	498.00	0.29	0.29	21.000	498.29	Absolute	498.29	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.18	0.18	21.000	578.18	Absolute	578.18	False	
120	MH-96	665.00	48.0	665.00	658.00	0.11	0.11	20.000	658.11	Absolute	658.11	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.43	0.43	21.000	448.43	Absolute	448.43	False	
129	MH-34	400.00	48.0	400.00	393.00	0.43	0.43	21.000	393.43	Absolute	393.43	False	
130	MH-32	395.00	48.0	395.00	388.00	0.42	0.42	21.000	388.42	Absolute	388.42	False	
131	MH-30	375.00	48.0	375.00	368.00	0.43	0.43	21.000	368.43	Absolute	368.43	False	
132	MH-22	300.00	48.0	300.00	293.00	0.16	0.16	20.000	293.16	Absolute	293.16	False	
133	MH-20	205.00	48.0	205.00	198.00	0.16	0.16	21.000	198.16	Absolute	198.16	False	
134	MH-18	175.00	48.0	175.00	168.00	0.18	0.18	21.000	168.18	Absolute	168.18	False	
135	MH-14	165.00	48.0	165.00	158.00	0.16	0.16	22.000	158.16	Absolute	158.16	False	
136	MH-12	130.00	48.0	130.00	123.00	0.81	0.81	21.000	123.81	Absolute	123.81	False	
137	MH-24	160.00	48.0	160.00	153.00	0.80	0.80	21.000	153.80	Absolute	153.80	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.81	0.81	21.000	108.81	Absolute	108.81	False	
157	MH-102	500.00	48.0	500.00	493.00	0.10	0.10	20.000	493.10	Absolute	493.10	False	
158	MH-65	440.00	48.0	440.00	433.00	0.53	0.53	20.000	433.53	Absolute	433.53	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.27	0.27	21.000	578.27	Absolute	578.27	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.44	0.44	21.000	273.44	Absolute	273.44	False	
200	MH-126	805.00	48.0	805.00	798.00	0.15	0.15	21.000	798.15	Absolute	798.15	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.32	0.32	21.000	466.87	Absolute	466.87	False	
260	MH-75	725.00	48.0	725.00	718.00	0.15	0.15	21.000	718.15	Absolute	718.15	False	

Current Time: 16.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 16.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.30	0.30	21.000	598.30	Absolute	598.30	False	
45	MH-104	525.00	48.0	525.00	518.00	0.28	0.28	21.000	518.28	Absolute	518.28	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.39	0.39	21.000	508.39	Absolute	508.39	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.27	0.27	21.000	522.27	Absolute	522.27	False	
62	MH-70	515.00	48.0	515.00	508.00	0.30	0.30	21.000	508.30	Absolute	508.30	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.38	0.38	21.000	418.38	Absolute	418.38	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.08	0.08	21.000	388.08	Absolute	388.08	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.16	0.16	20.000	413.16	Absolute	413.16	False	
85	MH-50	325.00	48.0	325.00	318.00	0.21	0.21	20.000	318.21	Absolute	318.21	False	
87	MH-48	240.00	48.0	240.00	233.00	0.22	0.22	20.000	233.22	Absolute	233.22	False	
89	MH-26	235.00	48.0	235.00	228.00	0.46	0.46	21.000	228.46	Absolute	228.46	False	
92	MH-2	100.00	48.0	100.00	93.00	0.07	0.07	20.000	93.07	Absolute	93.07	False	
93	MH-4	105.00	48.0	105.00	98.00	0.08	0.08	20.000	98.08	Absolute	98.08	False	
94	MH-6	175.00	48.0	175.00	168.00	0.11	0.11	20.000	168.11	Absolute	168.11	False	
98	MH-84	685.00	48.0	685.00	678.00	0.18	0.18	20.000	678.18	Absolute	678.18	False	
99	MH-82	655.00	48.0	655.00	648.00	0.27	0.27	21.000	648.27	Absolute	648.27	False	
100	MH-86	670.00	48.0	670.00	663.00	0.17	0.17	20.000	663.17	Absolute	663.17	False	
101	MH-80	600.00	48.0	600.00	593.00	0.33	0.33	21.000	593.33	Absolute	593.33	False	
102	MH-78	565.00	48.0	565.00	558.00	0.30	0.30	22.000	558.30	Absolute	558.30	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.19	0.19	21.000	543.19	Absolute	543.19	False	
105	MH-40	520.00	48.0	520.00	513.00	0.22	0.22	21.000	513.22	Absolute	513.22	False	
106	MH-38	500.00	48.0	500.00	493.00	0.42	0.42	21.000	493.42	Absolute	493.42	False	
109	MH-46	625.00	48.0	625.00	618.00	0.14	0.14	20.000	618.14	Absolute	618.14	False	
117	MH-88	505.00	48.0	505.00	498.00	0.31	0.31	21.000	498.31	Absolute	498.31	False	
118	MH-90	545.00	48.0	545.00	538.00	0.25	0.25	21.000	538.25	Absolute	538.25	False	
119	MH-92	585.00	48.0	585.00	578.00	0.20	0.20	21.000	578.20	Absolute	578.20	False	
120	MH-96	665.00	48.0	665.00	658.00	0.13	0.13	20.000	658.13	Absolute	658.13	False	
121	MH-94	605.00	48.0	605.00	598.00	0.12	0.12	21.000	598.12	Absolute	598.12	False	
128	MH-36	455.00	48.0	455.00	448.00	0.43	0.43	21.000	448.43	Absolute	448.43	False	
129	MH-34	400.00	48.0	400.00	393.00	0.43	0.43	21.000	393.43	Absolute	393.43	False	
130	MH-32	395.00	48.0	395.00	388.00	0.42	0.42	21.000	388.42	Absolute	388.42	False	
131	MH-30	375.00	48.0	375.00	368.00	0.43	0.43	21.000	368.43	Absolute	368.43	False	
132	MH-22	300.00	48.0	300.00	293.00	0.19	0.19	20.000	293.19	Absolute	293.19	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 16.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.16	0.16	22.000	158.16	Absolute	158.16	False	
136	MH-12	130.00	48.0	130.00	123.00	0.48	0.48	21.000	123.48	Absolute	123.48	False	
137	MH-24	160.00	48.0	160.00	153.00	0.46	0.46	21.000	153.46	Absolute	153.46	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.48	0.48	21.000	108.48	Absolute	108.48	False	
157	MH-102	500.00	48.0	500.00	493.00	0.11	0.11	20.000	493.11	Absolute	493.11	False	
158	MH-65	440.00	48.0	440.00	433.00	0.10	0.10	20.000	433.10	Absolute	433.10	False	
159	MH-64	420.00	48.0	420.00	413.00	0.36	0.36	21.000	413.36	Absolute	413.36	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.29	0.29	21.000	578.29	Absolute	578.29	False	
187	MH-108	640.00	48.0	640.00	633.00	0.18	0.18	21.000	633.18	Absolute	633.18	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.45	0.45	21.000	273.45	Absolute	273.45	False	
200	MH-126	805.00	48.0	805.00	798.00	0.17	0.17	21.000	798.17	Absolute	798.17	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.33	0.33	21.000	466.87	Absolute	466.87	False	
260	MH-75	725.00	48.0	725.00	718.00	0.15	0.15	21.000	718.15	Absolute	718.15	False	

Current Time: 17.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.14	0.14	21.000	673.14	Absolute	673.14	False	
43	MH-106	605.00	48.0	605.00	598.00	0.31	0.31	21.000	598.31	Absolute	598.31	False	
45	MH-104	525.00	48.0	525.00	518.00	0.31	0.31	21.000	518.31	Absolute	518.31	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.24	0.24	21.000	613.24	Absolute	613.24	False	
56	MH-116	515.00	48.0	515.00	508.00	0.45	0.45	21.000	508.45	Absolute	508.45	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.42	0.42	21.000	418.42	Absolute	418.42	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.17	0.17	20.000	413.17	Absolute	413.17	False	
85	MH-50	325.00	48.0	325.00	318.00	0.22	0.22	20.000	318.22	Absolute	318.22	False	
87	MH-48	240.00	48.0	240.00	233.00	0.23	0.23	20.000	233.23	Absolute	233.23	False	
89	MH-26	235.00	48.0	235.00	228.00	0.52	0.52	21.000	228.52	Absolute	228.52	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 17.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.08	0.08	20.000	93.08	Absolute	93.08	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.11	0.11	20.000	168.11	Absolute	168.11	False	
98	MH-84	685.00	48.0	685.00	678.00	0.18	0.18	20.000	678.18	Absolute	678.18	False	
99	MH-82	655.00	48.0	655.00	648.00	0.29	0.29	21.000	648.29	Absolute	648.29	False	
100	MH-86	670.00	48.0	670.00	663.00	0.17	0.17	20.000	663.17	Absolute	663.17	False	
101	MH-80	600.00	48.0	600.00	593.00	0.35	0.35	21.000	593.35	Absolute	593.35	False	
102	MH-78	565.00	48.0	565.00	558.00	0.35	0.35	22.000	558.35	Absolute	558.35	False	
103	MH-44	590.00	48.0	590.00	583.00	0.14	0.14	21.000	583.14	Absolute	583.14	False	
104	MH-42	550.00	48.0	550.00	543.00	0.21	0.21	21.000	543.21	Absolute	543.21	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.48	0.48	21.000	493.48	Absolute	493.48	False	
109	MH-46	625.00	48.0	625.00	618.00	0.14	0.14	20.000	618.14	Absolute	618.14	False	
117	MH-88	505.00	48.0	505.00	498.00	0.34	0.34	21.000	498.34	Absolute	498.34	False	
118	MH-90	545.00	48.0	545.00	538.00	0.27	0.27	21.000	538.27	Absolute	538.27	False	
119	MH-92	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
120	MH-96	665.00	48.0	665.00	658.00	0.13	0.13	20.000	658.13	Absolute	658.13	False	
121	MH-94	605.00	48.0	605.00	598.00	0.13	0.13	21.000	598.13	Absolute	598.13	False	
128	MH-36	455.00	48.0	455.00	448.00	0.50	0.50	21.000	448.50	Absolute	448.50	False	
129	MH-34	400.00	48.0	400.00	393.00	0.50	0.50	21.000	393.50	Absolute	393.50	False	
130	MH-32	395.00	48.0	395.00	388.00	0.49	0.49	21.000	388.49	Absolute	388.49	False	
131	MH-30	375.00	48.0	375.00	368.00	0.50	0.50	21.000	368.50	Absolute	368.50	False	
132	MH-22	300.00	48.0	300.00	293.00	0.19	0.19	20.000	293.19	Absolute	293.19	False	
133	MH-20	205.00	48.0	205.00	198.00	0.19	0.19	21.000	198.19	Absolute	198.19	False	
134	MH-18	175.00	48.0	175.00	168.00	0.21	0.21	21.000	168.21	Absolute	168.21	False	
135	MH-14	165.00	48.0	165.00	158.00	0.19	0.19	22.000	158.19	Absolute	158.19	False	
136	MH-12	130.00	48.0	130.00	123.00	0.55	0.55	21.000	123.55	Absolute	123.55	False	
137	MH-24	160.00	48.0	160.00	153.00	0.52	0.52	21.000	153.52	Absolute	153.52	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.55	0.55	21.000	108.55	Absolute	108.55	False	
157	MH-102	500.00	48.0	500.00	493.00	0.11	0.11	20.000	493.11	Absolute	493.11	False	
158	MH-65	440.00	48.0	440.00	433.00	0.11	0.11	20.000	433.11	Absolute	433.11	False	
159	MH-64	420.00	48.0	420.00	413.00	0.40	0.40	21.000	413.40	Absolute	413.40	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.19	0.19	21.000	633.19	Absolute	633.19	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.51	0.51	21.000	273.51	Absolute	273.51	False	
200	MH-126	805.00	48.0	805.00	798.00	0.18	0.18	21.000	798.18	Absolute	798.18	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.36	0.36	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.18	0.18	21.000	718.18	Absolute	718.18	False	

Current Time: 18.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 18.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.32	0.32	21.000	598.32	Absolute	598.32	False	
45	MH-104	525.00	48.0	525.00	518.00	0.32	0.32	21.000	518.32	Absolute	518.32	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.23	0.23	21.000	613.23	Absolute	613.23	False	
56	MH-116	515.00	48.0	515.00	508.00	0.45	0.45	21.000	508.45	Absolute	508.45	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.34	0.34	21.000	508.34	Absolute	508.34	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.42	0.42	21.000	418.42	Absolute	418.42	False	
75	MH-62	450.00	48.0	450.00	443.00	0.11	0.11	20.000	443.11	Absolute	443.11	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.47	0.47	20.000	318.47	Absolute	318.47	False	
87	MH-48	240.00	48.0	240.00	233.00	0.39	0.39	20.000	233.39	Absolute	233.39	False	
89	MH-26	235.00	48.0	235.00	228.00	0.53	0.53	21.000	228.53	Absolute	228.53	False	
92	MH-2	100.00	48.0	100.00	93.00	0.27	0.27	20.000	93.27	Absolute	93.27	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.13	0.13	20.000	168.13	Absolute	168.13	False	
98	MH-84	685.00	48.0	685.00	678.00	0.21	0.21	20.000	678.21	Absolute	678.21	False	
99	MH-82	655.00	48.0	655.00	648.00	0.31	0.31	21.000	648.31	Absolute	648.31	False	
100	MH-86	670.00	48.0	670.00	663.00	0.20	0.20	20.000	663.20	Absolute	663.20	False	
101	MH-80	600.00	48.0	600.00	593.00	0.38	0.38	21.000	593.38	Absolute	593.38	False	
102	MH-78	565.00	48.0	565.00	558.00	0.35	0.35	22.000	558.35	Absolute	558.35	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.22	0.22	21.000	543.22	Absolute	543.22	False	
105	MH-40	520.00	48.0	520.00	513.00	0.25	0.25	21.000	513.25	Absolute	513.25	False	
106	MH-38	500.00	48.0	500.00	493.00	0.48	0.48	21.000	493.48	Absolute	493.48	False	
109	MH-46	625.00	48.0	625.00	618.00	0.16	0.16	20.000	618.16	Absolute	618.16	False	
117	MH-88	505.00	48.0	505.00	498.00	0.36	0.36	21.000	498.36	Absolute	498.36	False	
118	MH-90	545.00	48.0	545.00	538.00	0.29	0.29	21.000	538.29	Absolute	538.29	False	
119	MH-92	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
120	MH-96	665.00	48.0	665.00	658.00	0.15	0.15	20.000	658.15	Absolute	658.15	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.50	0.50	21.000	448.50	Absolute	448.50	False	
129	MH-34	400.00	48.0	400.00	393.00	0.50	0.50	21.000	393.50	Absolute	393.50	False	
130	MH-32	395.00	48.0	395.00	388.00	0.49	0.49	21.000	388.49	Absolute	388.49	False	
131	MH-30	375.00	48.0	375.00	368.00	0.50	0.50	21.000	368.50	Absolute	368.50	False	
132	MH-22	300.00	48.0	300.00	293.00	0.22	0.22	20.000	293.22	Absolute	293.22	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.22	0.22	21.000	168.22	Absolute	168.22	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 18.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.19	0.19	22.000	158.19	Absolute	158.19	False	
136	MH-12	130.00	48.0	130.00	123.00	0.55	0.55	21.000	123.55	Absolute	123.55	False	
137	MH-24	160.00	48.0	160.00	153.00	0.53	0.53	21.000	153.53	Absolute	153.53	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.55	0.55	21.000	108.55	Absolute	108.55	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.30	0.30	20.000	433.30	Absolute	433.30	False	
159	MH-64	420.00	48.0	420.00	413.00	0.44	0.44	21.000	413.44	Absolute	413.44	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.33	0.33	21.000	578.33	Absolute	578.33	False	
187	MH-108	640.00	48.0	640.00	633.00	0.21	0.21	21.000	633.21	Absolute	633.21	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.52	0.52	21.000	273.52	Absolute	273.52	False	
200	MH-126	805.00	48.0	805.00	798.00	0.20	0.20	21.000	798.20	Absolute	798.20	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.37	0.37	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.18	0.18	21.000	718.18	Absolute	718.18	False	

Current Time: 19.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.16	0.16	21.000	673.16	Absolute	673.16	False	
43	MH-106	605.00	48.0	605.00	598.00	0.34	0.34	21.000	598.34	Absolute	598.34	False	
45	MH-104	525.00	48.0	525.00	518.00	0.34	0.34	21.000	518.34	Absolute	518.34	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.22	0.22	21.000	773.22	Absolute	773.22	False	
54	MH-120	620.00	48.0	620.00	613.00	0.25	0.25	21.000	613.25	Absolute	613.25	False	
56	MH-116	515.00	48.0	515.00	508.00	0.49	0.49	21.000	508.49	Absolute	508.49	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.44	0.44	21.000	418.44	Absolute	418.44	False	
75	MH-62	450.00	48.0	450.00	443.00	0.11	0.11	20.000	443.11	Absolute	443.11	False	
76	MH-58	395.00	48.0	395.00	388.00	0.11	0.11	21.000	388.11	Absolute	388.11	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.73	0.73	20.000	413.73	Absolute	413.73	False	
85	MH-50	325.00	48.0	325.00	318.00	0.75	0.75	20.000	318.75	Absolute	318.75	False	
87	MH-48	240.00	48.0	240.00	233.00	0.82	0.82	20.000	233.82	Absolute	233.82	False	
89	MH-26	235.00	48.0	235.00	228.00	0.89	0.89	21.000	228.89	Absolute	228.89	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 19.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.13	0.13	20.000	168.13	Absolute	168.13	False	
98	MH-84	685.00	48.0	685.00	678.00	0.21	0.21	20.000	678.21	Absolute	678.21	False	
99	MH-82	655.00	48.0	655.00	648.00	0.34	0.34	21.000	648.34	Absolute	648.34	False	
100	MH-86	670.00	48.0	670.00	663.00	0.20	0.20	20.000	663.20	Absolute	663.20	False	
101	MH-80	600.00	48.0	600.00	593.00	0.41	0.41	21.000	593.41	Absolute	593.41	False	
102	MH-78	565.00	48.0	565.00	558.00	0.41	0.41	22.000	558.41	Absolute	558.41	False	
103	MH-44	590.00	48.0	590.00	583.00	0.16	0.16	21.000	583.16	Absolute	583.16	False	
104	MH-42	550.00	48.0	550.00	543.00	0.24	0.24	21.000	543.24	Absolute	543.24	False	
105	MH-40	520.00	48.0	520.00	513.00	0.27	0.27	21.000	513.27	Absolute	513.27	False	
106	MH-38	500.00	48.0	500.00	493.00	0.55	0.55	21.000	493.55	Absolute	493.55	False	
109	MH-46	625.00	48.0	625.00	618.00	0.16	0.16	20.000	618.16	Absolute	618.16	False	
117	MH-88	505.00	48.0	505.00	498.00	0.39	0.39	21.000	498.39	Absolute	498.39	False	
118	MH-90	545.00	48.0	545.00	538.00	0.31	0.31	21.000	538.31	Absolute	538.31	False	
119	MH-92	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
120	MH-96	665.00	48.0	665.00	658.00	0.15	0.15	20.000	658.15	Absolute	658.15	False	
121	MH-94	605.00	48.0	605.00	598.00	0.15	0.15	21.000	598.15	Absolute	598.15	False	
128	MH-36	455.00	48.0	455.00	448.00	0.57	0.57	21.000	448.57	Absolute	448.57	False	
129	MH-34	400.00	48.0	400.00	393.00	0.57	0.57	21.000	393.57	Absolute	393.57	False	
130	MH-32	395.00	48.0	395.00	388.00	0.55	0.55	21.000	388.55	Absolute	388.55	False	
131	MH-30	375.00	48.0	375.00	368.00	0.56	0.56	21.000	368.56	Absolute	368.56	False	
132	MH-22	300.00	48.0	300.00	293.00	0.22	0.22	20.000	293.22	Absolute	293.22	False	
133	MH-20	205.00	48.0	205.00	198.00	0.22	0.22	21.000	198.22	Absolute	198.22	False	
134	MH-18	175.00	48.0	175.00	168.00	0.25	0.25	21.000	168.25	Absolute	168.25	False	
135	MH-14	165.00	48.0	165.00	158.00	0.22	0.22	22.000	158.22	Absolute	158.22	False	
136	MH-12	130.00	48.0	130.00	123.00	0.91	0.91	21.000	123.91	Absolute	123.91	False	
137	MH-24	160.00	48.0	160.00	153.00	0.89	0.89	21.000	153.89	Absolute	153.89	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.91	0.91	21.000	108.91	Absolute	108.91	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.71	0.71	21.000	413.71	Absolute	413.71	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.34	0.34	21.000	578.34	Absolute	578.34	False	
187	MH-108	640.00	48.0	640.00	633.00	0.22	0.22	21.000	633.22	Absolute	633.22	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.59	0.59	21.000	273.59	Absolute	273.59	False	
200	MH-126	805.00	48.0	805.00	798.00	0.20	0.20	21.000	798.20	Absolute	798.20	False	
203	MH-60	400.00	48.0	400.00	393.00	0.11	0.11	21.000	393.11	Absolute	393.11	False	
252	MH-68	473.55	48.0	473.55	466.55	0.38	0.38	21.000	466.92	Absolute	466.92	False	
260	MH-75	725.00	48.0	725.00	718.00	0.20	0.20	21.000	718.20	Absolute	718.20	False	

Current Time: 20.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.09	0.09	20.000	788.09	Absolute	788.09	False	
41	MH-110	680.00	48.0	680.00	673.00	0.18	0.18	21.000	673.18	Absolute	673.18	False	
43	MH-106	605.00	48.0	605.00	598.00	0.38	0.38	21.000	598.38	Absolute	598.38	False	
45	MH-104	525.00	48.0	525.00	518.00	0.35	0.35	21.000	518.35	Absolute	518.35	False	
47	MH-100	510.00	48.0	510.00	503.00	0.18	0.18	20.000	503.18	Absolute	503.18	False	
49	MH-128	840.00	48.0	840.00	833.00	0.07	0.07	20.000	833.07	Absolute	833.07	False	
50	MH-124	780.00	48.0	780.00	773.00	0.22	0.22	21.000	773.22	Absolute	773.22	False	
54	MH-120	620.00	48.0	620.00	613.00	0.25	0.25	21.000	613.25	Absolute	613.25	False	
56	MH-116	515.00	48.0	515.00	508.00	0.50	0.50	21.000	508.50	Absolute	508.50	False	
59	MH-74	625.00	48.0	625.00	618.00	0.32	0.32	20.000	618.32	Absolute	618.32	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.22	0.22	20.000	613.22	Absolute	613.22	False	
67	MH-66	425.00	48.0	425.00	418.00	0.44	0.44	21.000	418.44	Absolute	418.44	False	
75	MH-62	450.00	48.0	450.00	443.00	0.13	0.13	20.000	443.13	Absolute	443.13	False	
76	MH-58	395.00	48.0	395.00	388.00	0.11	0.11	21.000	388.11	Absolute	388.11	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.74	0.74	20.000	413.74	Absolute	413.74	False	
85	MH-50	325.00	48.0	325.00	318.00	0.76	0.76	20.000	318.76	Absolute	318.76	False	
87	MH-48	240.00	48.0	240.00	233.00	0.83	0.83	20.000	233.83	Absolute	233.83	False	
89	MH-26	235.00	48.0	235.00	228.00	0.90	0.90	21.000	228.90	Absolute	228.90	False	
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.15	0.15	20.000	168.15	Absolute	168.15	False	
98	MH-84	685.00	48.0	685.00	678.00	0.25	0.25	20.000	678.25	Absolute	678.25	False	
99	MH-82	655.00	48.0	655.00	648.00	0.37	0.37	21.000	648.37	Absolute	648.37	False	
100	MH-86	670.00	48.0	670.00	663.00	0.24	0.24	20.000	663.24	Absolute	663.24	False	
101	MH-80	600.00	48.0	600.00	593.00	0.44	0.44	21.000	593.44	Absolute	593.44	False	
102	MH-78	565.00	48.0	565.00	558.00	0.41	0.41	22.000	558.41	Absolute	558.41	False	
103	MH-44	590.00	48.0	590.00	583.00	0.17	0.17	21.000	583.17	Absolute	583.17	False	
104	MH-42	550.00	48.0	550.00	543.00	0.26	0.26	21.000	543.26	Absolute	543.26	False	
105	MH-40	520.00	48.0	520.00	513.00	0.28	0.28	21.000	513.28	Absolute	513.28	False	
106	MH-38	500.00	48.0	500.00	493.00	0.55	0.55	21.000	493.55	Absolute	493.55	False	
109	MH-46	625.00	48.0	625.00	618.00	0.19	0.19	20.000	618.19	Absolute	618.19	False	
117	MH-88	505.00	48.0	505.00	498.00	0.43	0.43	21.000	498.43	Absolute	498.43	False	
118	MH-90	545.00	48.0	545.00	538.00	0.34	0.34	21.000	538.34	Absolute	538.34	False	
119	MH-92	585.00	48.0	585.00	578.00	0.27	0.27	21.000	578.27	Absolute	578.27	False	
120	MH-96	665.00	48.0	665.00	658.00	0.18	0.18	20.000	658.18	Absolute	658.18	False	
121	MH-94	605.00	48.0	605.00	598.00	0.16	0.16	21.000	598.16	Absolute	598.16	False	
128	MH-36	455.00	48.0	455.00	448.00	0.58	0.58	21.000	448.58	Absolute	448.58	False	
129	MH-34	400.00	48.0	400.00	393.00	0.57	0.57	21.000	393.57	Absolute	393.57	False	
130	MH-32	395.00	48.0	395.00	388.00	0.56	0.56	21.000	388.56	Absolute	388.56	False	
131	MH-30	375.00	48.0	375.00	368.00	0.57	0.57	21.000	368.57	Absolute	368.57	False	
132	MH-22	300.00	48.0	300.00	293.00	0.26	0.26	20.000	293.26	Absolute	293.26	False	
133	MH-20	205.00	48.0	205.00	198.00	0.23	0.23	21.000	198.23	Absolute	198.23	False	
134	MH-18	175.00	48.0	175.00	168.00	0.26	0.26	21.000	168.26	Absolute	168.26	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.22	0.22	22.000	158.22	Absolute	158.22	False	
136	MH-12	130.00	48.0	130.00	123.00	0.91	0.91	21.000	123.91	Absolute	123.91	False	
137	MH-24	160.00	48.0	160.00	153.00	0.90	0.90	21.000	153.90	Absolute	153.90	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.91	0.91	21.000	108.91	Absolute	108.91	False	
157	MH-102	500.00	48.0	500.00	493.00	0.61	0.61	20.000	493.61	Absolute	493.61	False	
158	MH-65	440.00	48.0	440.00	433.00	0.61	0.61	20.000	433.61	Absolute	433.61	False	
159	MH-64	420.00	48.0	420.00	413.00	0.71	0.71	21.000	413.71	Absolute	413.71	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.37	0.37	21.000	578.37	Absolute	578.37	False	
187	MH-108	640.00	48.0	640.00	633.00	0.24	0.24	21.000	633.24	Absolute	633.24	False	
190	MH-76	535.00	48.0	535.00	528.00	0.22	0.22	20.000	528.22	Absolute	528.22	False	
196	MH-28	280.00	48.0	280.00	273.00	0.60	0.60	21.000	273.60	Absolute	273.60	False	
200	MH-126	805.00	48.0	805.00	798.00	0.24	0.24	21.000	798.24	Absolute	798.24	False	
203	MH-60	400.00	48.0	400.00	393.00	0.11	0.11	21.000	393.11	Absolute	393.11	False	
252	MH-68	473.55	48.0	473.55	466.55	0.39	0.39	21.000	466.93	Absolute	466.93	False	
260	MH-75	725.00	48.0	725.00	718.00	0.20	0.20	21.000	718.20	Absolute	718.20	False	

Current Time: 21.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.09	0.09	20.000	788.09	Absolute	788.09	False	
41	MH-110	680.00	48.0	680.00	673.00	0.19	0.19	21.000	673.19	Absolute	673.19	False	
43	MH-106	605.00	48.0	605.00	598.00	0.40	0.40	21.000	598.40	Absolute	598.40	False	
45	MH-104	525.00	48.0	525.00	518.00	0.40	0.40	21.000	518.40	Absolute	518.40	False	
47	MH-100	510.00	48.0	510.00	503.00	0.18	0.18	20.000	503.18	Absolute	503.18	False	
49	MH-128	840.00	48.0	840.00	833.00	0.07	0.07	20.000	833.07	Absolute	833.07	False	
50	MH-124	780.00	48.0	780.00	773.00	0.26	0.26	21.000	773.26	Absolute	773.26	False	
54	MH-120	620.00	48.0	620.00	613.00	0.29	0.29	21.000	613.29	Absolute	613.29	False	
56	MH-116	515.00	48.0	515.00	508.00	0.57	0.57	21.000	508.57	Absolute	508.57	False	
59	MH-74	625.00	48.0	625.00	618.00	0.32	0.32	20.000	618.32	Absolute	618.32	False	
60	MH-72	529.00	48.0	529.00	522.00	0.37	0.37	21.000	522.37	Absolute	522.37	False	
62	MH-70	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
64	MH-75	620.00	48.0	620.00	613.00	0.22	0.22	20.000	613.22	Absolute	613.22	False	
67	MH-66	425.00	48.0	425.00	418.00	0.51	0.51	21.000	418.51	Absolute	418.51	False	
75	MH-62	450.00	48.0	450.00	443.00	0.13	0.13	20.000	443.13	Absolute	443.13	False	
76	MH-58	395.00	48.0	395.00	388.00	0.13	0.13	21.000	388.13	Absolute	388.13	False	
80	MH-54	435.00	48.0	435.00	428.00	0.09	0.09	20.000	428.09	Absolute	428.09	False	
83	MH-52	420.00	48.0	420.00	413.00	0.42	0.42	20.000	413.42	Absolute	413.42	False	
85	MH-50	325.00	48.0	325.00	318.00	0.64	0.64	20.000	318.64	Absolute	318.64	False	
87	MH-48	240.00	48.0	240.00	233.00	0.77	0.77	20.000	233.77	Absolute	233.77	False	
89	MH-26	235.00	48.0	235.00	228.00	0.97	0.97	21.000	228.97	Absolute	228.97	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 21.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.85	0.85	20.000	93.85	Absolute	93.85	False	
93	MH-4	105.00	48.0	105.00	98.00	0.13	0.13	20.000	98.13	Absolute	98.13	False	
94	MH-6	175.00	48.0	175.00	168.00	0.15	0.15	20.000	168.15	Absolute	168.15	False	
98	MH-84	685.00	48.0	685.00	678.00	0.25	0.25	20.000	678.25	Absolute	678.25	False	
99	MH-82	655.00	48.0	655.00	648.00	0.41	0.41	21.000	648.41	Absolute	648.41	False	
100	MH-86	670.00	48.0	670.00	663.00	0.24	0.24	20.000	663.24	Absolute	663.24	False	
101	MH-80	600.00	48.0	600.00	593.00	0.49	0.49	21.000	593.49	Absolute	593.49	False	
102	MH-78	565.00	48.0	565.00	558.00	0.49	0.49	22.000	558.49	Absolute	558.49	False	
103	MH-44	590.00	48.0	590.00	583.00	0.19	0.19	21.000	583.19	Absolute	583.19	False	
104	MH-42	550.00	48.0	550.00	543.00	0.29	0.29	21.000	543.29	Absolute	543.29	False	
105	MH-40	520.00	48.0	520.00	513.00	0.32	0.32	21.000	513.32	Absolute	513.32	False	
106	MH-38	500.00	48.0	500.00	493.00	0.67	0.67	21.000	493.67	Absolute	493.67	False	
109	MH-46	625.00	48.0	625.00	618.00	0.19	0.19	20.000	618.19	Absolute	618.19	False	
117	MH-88	505.00	48.0	505.00	498.00	0.49	0.49	21.000	498.49	Absolute	498.49	False	
118	MH-90	545.00	48.0	545.00	538.00	0.37	0.37	21.000	538.37	Absolute	538.37	False	
119	MH-92	585.00	48.0	585.00	578.00	0.29	0.29	21.000	578.29	Absolute	578.29	False	
120	MH-96	665.00	48.0	665.00	658.00	0.18	0.18	20.000	658.18	Absolute	658.18	False	
121	MH-94	605.00	48.0	605.00	598.00	0.18	0.18	21.000	598.18	Absolute	598.18	False	
128	MH-36	455.00	48.0	455.00	448.00	0.69	0.69	21.000	448.69	Absolute	448.69	False	
129	MH-34	400.00	48.0	400.00	393.00	0.69	0.69	21.000	393.69	Absolute	393.69	False	
130	MH-32	395.00	48.0	395.00	388.00	0.67	0.67	21.000	388.67	Absolute	388.67	False	
131	MH-30	375.00	48.0	375.00	368.00	0.68	0.68	21.000	368.68	Absolute	368.68	False	
132	MH-22	300.00	48.0	300.00	293.00	0.26	0.26	20.000	293.26	Absolute	293.26	False	
133	MH-20	205.00	48.0	205.00	198.00	0.26	0.26	21.000	198.26	Absolute	198.26	False	
134	MH-18	175.00	48.0	175.00	168.00	0.30	0.30	21.000	168.30	Absolute	168.30	False	
135	MH-14	165.00	48.0	165.00	158.00	0.27	0.27	22.000	158.27	Absolute	158.27	False	
136	MH-12	130.00	48.0	130.00	123.00	1.01	1.01	21.000	124.01	Absolute	124.01	False	
137	MH-24	160.00	48.0	160.00	153.00	0.98	0.98	21.000	153.98	Absolute	153.98	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	1.01	1.01	21.000	109.01	Absolute	109.01	False	
157	MH-102	500.00	48.0	500.00	493.00	0.16	0.16	20.000	493.16	Absolute	493.16	False	
158	MH-65	440.00	48.0	440.00	433.00	0.54	0.54	20.000	433.54	Absolute	433.54	False	
159	MH-64	420.00	48.0	420.00	413.00	0.73	0.73	21.000	413.73	Absolute	413.73	False	
173	MH-98	450.00	48.0	450.00	443.00	0.18	0.18	21.000	443.18	Absolute	443.18	False	
180	MH-112	750.00	48.0	750.00	743.00	0.09	0.09	21.000	743.09	Absolute	743.09	False	
183	MH-118	585.00	48.0	585.00	578.00	0.40	0.40	21.000	578.40	Absolute	578.40	False	
187	MH-108	640.00	48.0	640.00	633.00	0.26	0.26	21.000	633.26	Absolute	633.26	False	
190	MH-76	535.00	48.0	535.00	528.00	0.22	0.22	20.000	528.22	Absolute	528.22	False	
196	MH-28	280.00	48.0	280.00	273.00	0.71	0.71	21.000	273.71	Absolute	273.71	False	
200	MH-126	805.00	48.0	805.00	798.00	0.24	0.24	21.000	798.24	Absolute	798.24	False	
203	MH-60	400.00	48.0	400.00	393.00	0.13	0.13	21.000	393.13	Absolute	393.13	False	
252	MH-68	473.55	48.0	473.55	466.55	0.44	0.44	21.000	466.98	Absolute	466.98	False	
260	MH-75	725.00	48.0	725.00	718.00	0.25	0.25	21.000	718.25	Absolute	718.25	False	

Current Time: 22.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 22.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.16	0.16	21.000	673.16	Absolute	673.16	False	
43	MH-106	605.00	48.0	605.00	598.00	0.37	0.37	21.000	598.37	Absolute	598.37	False	
45	MH-104	525.00	48.0	525.00	518.00	0.40	0.40	21.000	518.40	Absolute	518.40	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.25	0.25	21.000	773.25	Absolute	773.25	False	
54	MH-120	620.00	48.0	620.00	613.00	0.27	0.27	21.000	613.27	Absolute	613.27	False	
56	MH-116	515.00	48.0	515.00	508.00	0.56	0.56	21.000	508.56	Absolute	508.56	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.36	0.36	21.000	522.36	Absolute	522.36	False	
62	MH-70	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.51	0.51	21.000	418.51	Absolute	418.51	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.13	0.13	21.000	388.13	Absolute	388.13	False	
80	MH-54	435.00	48.0	435.00	428.00	0.07	0.07	20.000	428.07	Absolute	428.07	False	
83	MH-52	420.00	48.0	420.00	413.00	0.18	0.18	20.000	413.18	Absolute	413.18	False	
85	MH-50	325.00	48.0	325.00	318.00	0.24	0.24	20.000	318.24	Absolute	318.24	False	
87	MH-48	240.00	48.0	240.00	233.00	0.29	0.29	20.000	233.29	Absolute	233.29	False	
89	MH-26	235.00	48.0	235.00	228.00	0.70	0.70	21.000	228.70	Absolute	228.70	False	
92	MH-2	100.00	48.0	100.00	93.00	0.11	0.11	20.000	93.11	Absolute	93.11	False	
93	MH-4	105.00	48.0	105.00	98.00	0.13	0.13	20.000	98.13	Absolute	98.13	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.19	0.19	20.000	678.19	Absolute	678.19	False	
99	MH-82	655.00	48.0	655.00	648.00	0.36	0.36	21.000	648.36	Absolute	648.36	False	
100	MH-86	670.00	48.0	670.00	663.00	0.18	0.18	20.000	663.18	Absolute	663.18	False	
101	MH-80	600.00	48.0	600.00	593.00	0.45	0.45	21.000	593.45	Absolute	593.45	False	
102	MH-78	565.00	48.0	565.00	558.00	0.49	0.49	22.000	558.49	Absolute	558.49	False	
103	MH-44	590.00	48.0	590.00	583.00	0.18	0.18	21.000	583.18	Absolute	583.18	False	
104	MH-42	550.00	48.0	550.00	543.00	0.25	0.25	21.000	543.25	Absolute	543.25	False	
105	MH-40	520.00	48.0	520.00	513.00	0.31	0.31	21.000	513.31	Absolute	513.31	False	
106	MH-38	500.00	48.0	500.00	493.00	0.66	0.66	21.000	493.66	Absolute	493.66	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.44	0.44	21.000	498.44	Absolute	498.44	False	
118	MH-90	545.00	48.0	545.00	538.00	0.33	0.33	21.000	538.33	Absolute	538.33	False	
119	MH-92	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.17	0.17	21.000	598.17	Absolute	598.17	False	
128	MH-36	455.00	48.0	455.00	448.00	0.68	0.68	21.000	448.68	Absolute	448.68	False	
129	MH-34	400.00	48.0	400.00	393.00	0.69	0.69	21.000	393.69	Absolute	393.69	False	
130	MH-32	395.00	48.0	395.00	388.00	0.66	0.66	21.000	388.66	Absolute	388.66	False	
131	MH-30	375.00	48.0	375.00	368.00	0.67	0.67	21.000	368.67	Absolute	368.67	False	
132	MH-22	300.00	48.0	300.00	293.00	0.20	0.20	20.000	293.20	Absolute	293.20	False	
133	MH-20	205.00	48.0	205.00	198.00	0.25	0.25	21.000	198.25	Absolute	198.25	False	
134	MH-18	175.00	48.0	175.00	168.00	0.28	0.28	21.000	168.28	Absolute	168.28	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 22.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.27	0.27	22.000	158.27	Absolute	158.27	False	
136	MH-12	130.00	48.0	130.00	123.00	0.75	0.75	21.000	123.75	Absolute	123.75	False	
137	MH-24	160.00	48.0	160.00	153.00	0.71	0.71	21.000	153.71	Absolute	153.71	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.75	0.75	21.000	108.75	Absolute	108.75	False	
157	MH-102	500.00	48.0	500.00	493.00	0.12	0.12	20.000	493.12	Absolute	493.12	False	
158	MH-65	440.00	48.0	440.00	433.00	0.15	0.15	20.000	433.15	Absolute	433.15	False	
159	MH-64	420.00	48.0	420.00	413.00	0.47	0.47	21.000	413.47	Absolute	413.47	False	
173	MH-98	450.00	48.0	450.00	443.00	0.18	0.18	21.000	443.18	Absolute	443.18	False	
180	MH-112	750.00	48.0	750.00	743.00	0.09	0.09	21.000	743.09	Absolute	743.09	False	
183	MH-118	585.00	48.0	585.00	578.00	0.35	0.35	21.000	578.35	Absolute	578.35	False	
187	MH-108	640.00	48.0	640.00	633.00	0.23	0.23	21.000	633.23	Absolute	633.23	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.69	0.69	21.000	273.69	Absolute	273.69	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.12	0.12	21.000	393.12	Absolute	393.12	False	
252	MH-68	473.55	48.0	473.55	466.55	0.43	0.43	21.000	466.97	Absolute	466.97	False	
260	MH-75	725.00	48.0	725.00	718.00	0.25	0.25	21.000	718.25	Absolute	718.25	False	

Current Time: 23.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.33	0.33	21.000	598.33	Absolute	598.33	False	
45	MH-104	525.00	48.0	525.00	518.00	0.33	0.33	21.000	518.33	Absolute	518.33	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.20	0.20	21.000	773.20	Absolute	773.20	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.46	0.46	21.000	508.46	Absolute	508.46	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.43	0.43	21.000	418.43	Absolute	418.43	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.07	0.07	20.000	428.07	Absolute	428.07	False	
83	MH-52	420.00	48.0	420.00	413.00	0.17	0.17	20.000	413.17	Absolute	413.17	False	
85	MH-50	325.00	48.0	325.00	318.00	0.23	0.23	20.000	318.23	Absolute	318.23	False	
87	MH-48	240.00	48.0	240.00	233.00	0.25	0.25	20.000	233.25	Absolute	233.25	False	
89	MH-26	235.00	48.0	235.00	228.00	0.55	0.55	21.000	228.55	Absolute	228.55	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 23.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.09	0.09	20.000	93.09	Absolute	93.09	False	
93	MH-4	105.00	48.0	105.00	98.00	0.10	0.10	20.000	98.10	Absolute	98.10	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.19	0.19	20.000	678.19	Absolute	678.19	False	
99	MH-82	655.00	48.0	655.00	648.00	0.31	0.31	21.000	648.31	Absolute	648.31	False	
100	MH-86	670.00	48.0	670.00	663.00	0.18	0.18	20.000	663.18	Absolute	663.18	False	
101	MH-80	600.00	48.0	600.00	593.00	0.38	0.38	21.000	593.38	Absolute	593.38	False	
102	MH-78	565.00	48.0	565.00	558.00	0.38	0.38	22.000	558.38	Absolute	558.38	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.22	0.22	21.000	543.22	Absolute	543.22	False	
105	MH-40	520.00	48.0	520.00	513.00	0.26	0.26	21.000	513.26	Absolute	513.26	False	
106	MH-38	500.00	48.0	500.00	493.00	0.51	0.51	21.000	493.51	Absolute	493.51	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.36	0.36	21.000	498.36	Absolute	498.36	False	
118	MH-90	545.00	48.0	545.00	538.00	0.28	0.28	21.000	538.28	Absolute	538.28	False	
119	MH-92	585.00	48.0	585.00	578.00	0.22	0.22	21.000	578.22	Absolute	578.22	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.53	0.53	21.000	448.53	Absolute	448.53	False	
129	MH-34	400.00	48.0	400.00	393.00	0.53	0.53	21.000	393.53	Absolute	393.53	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.20	0.20	20.000	293.20	Absolute	293.20	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.23	0.23	21.000	168.23	Absolute	168.23	False	
135	MH-14	165.00	48.0	165.00	158.00	0.20	0.20	22.000	158.20	Absolute	158.20	False	
136	MH-12	130.00	48.0	130.00	123.00	0.59	0.59	21.000	123.59	Absolute	123.59	False	
137	MH-24	160.00	48.0	160.00	153.00	0.56	0.56	21.000	153.56	Absolute	153.56	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.59	0.59	21.000	108.59	Absolute	108.59	False	
157	MH-102	500.00	48.0	500.00	493.00	0.12	0.12	20.000	493.12	Absolute	493.12	False	
158	MH-65	440.00	48.0	440.00	433.00	0.12	0.12	20.000	433.12	Absolute	433.12	False	
159	MH-64	420.00	48.0	420.00	413.00	0.41	0.41	21.000	413.41	Absolute	413.41	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.20	0.20	21.000	633.20	Absolute	633.20	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.55	0.55	21.000	273.55	Absolute	273.55	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.38	0.38	21.000	466.93	Absolute	466.93	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 24.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 24.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.10	0.10	21.000	673.10	Absolute	673.10	False	
43	MH-106	605.00	48.0	605.00	598.00	0.28	0.28	21.000	598.28	Absolute	598.28	False	
45	MH-104	525.00	48.0	525.00	518.00	0.32	0.32	21.000	518.32	Absolute	518.32	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.20	0.20	21.000	613.20	Absolute	613.20	False	
56	MH-116	515.00	48.0	515.00	508.00	0.44	0.44	21.000	508.44	Absolute	508.44	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.34	0.34	21.000	508.34	Absolute	508.34	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.43	0.43	21.000	418.43	Absolute	418.43	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.62	0.62	20.000	413.62	Absolute	413.62	False	
85	MH-50	325.00	48.0	325.00	318.00	0.44	0.44	20.000	318.44	Absolute	318.44	False	
87	MH-48	240.00	48.0	240.00	233.00	0.37	0.37	20.000	233.37	Absolute	233.37	False	
89	MH-26	235.00	48.0	235.00	228.00	0.54	0.54	21.000	228.54	Absolute	228.54	False	
92	MH-2	100.00	48.0	100.00	93.00	0.28	0.28	20.000	93.28	Absolute	93.28	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.25	0.25	21.000	648.25	Absolute	648.25	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.32	0.32	21.000	593.32	Absolute	593.32	False	
102	MH-78	565.00	48.0	565.00	558.00	0.38	0.38	22.000	558.38	Absolute	558.38	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.51	0.51	21.000	493.51	Absolute	493.51	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.30	0.30	21.000	498.30	Absolute	498.30	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.13	0.13	21.000	598.13	Absolute	598.13	False	
128	MH-36	455.00	48.0	455.00	448.00	0.51	0.51	21.000	448.51	Absolute	448.51	False	
129	MH-34	400.00	48.0	400.00	393.00	0.52	0.52	21.000	393.52	Absolute	393.52	False	
130	MH-32	395.00	48.0	395.00	388.00	0.50	0.50	21.000	388.50	Absolute	388.50	False	
131	MH-30	375.00	48.0	375.00	368.00	0.52	0.52	21.000	368.52	Absolute	368.52	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.18	0.18	21.000	198.18	Absolute	198.18	False	
134	MH-18	175.00	48.0	175.00	168.00	0.21	0.21	21.000	168.21	Absolute	168.21	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 24.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.20	0.20	22.000	158.20	Absolute	158.20	False	
136	MH-12	130.00	48.0	130.00	123.00	0.58	0.58	21.000	123.58	Absolute	123.58	False	
137	MH-24	160.00	48.0	160.00	153.00	0.55	0.55	21.000	153.55	Absolute	153.55	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.58	0.58	21.000	108.58	Absolute	108.58	False	
157	MH-102	500.00	48.0	500.00	493.00	0.59	0.59	20.000	493.59	Absolute	493.59	False	
158	MH-65	440.00	48.0	440.00	433.00	0.30	0.30	20.000	433.30	Absolute	433.30	False	
159	MH-64	420.00	48.0	420.00	413.00	0.42	0.42	21.000	413.42	Absolute	413.42	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.53	0.53	21.000	273.53	Absolute	273.53	False	
200	MH-126	805.00	48.0	805.00	798.00	0.11	0.11	21.000	798.11	Absolute	798.11	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.37	0.37	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 25.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.08	0.08	21.000	673.08	Absolute	673.08	False	
43	MH-106	605.00	48.0	605.00	598.00	0.23	0.23	21.000	598.23	Absolute	598.23	False	
45	MH-104	525.00	48.0	525.00	518.00	0.23	0.23	21.000	518.23	Absolute	518.23	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.11	0.11	21.000	773.11	Absolute	773.11	False	
54	MH-120	620.00	48.0	620.00	613.00	0.13	0.13	21.000	613.13	Absolute	613.13	False	
56	MH-116	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.28	0.28	21.000	508.28	Absolute	508.28	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.72	0.72	20.000	413.72	Absolute	413.72	False	
85	MH-50	325.00	48.0	325.00	318.00	0.72	0.72	20.000	318.72	Absolute	318.72	False	
87	MH-48	240.00	48.0	240.00	233.00	0.79	0.79	20.000	233.79	Absolute	233.79	False	
89	MH-26	235.00	48.0	235.00	228.00	0.73	0.73	21.000	228.73	Absolute	228.73	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 25.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.17	0.17	21.000	648.17	Absolute	648.17	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.20	0.20	21.000	593.20	Absolute	593.20	False	
102	MH-78	565.00	48.0	565.00	558.00	0.20	0.20	22.000	558.20	Absolute	558.20	False	
103	MH-44	590.00	48.0	590.00	583.00	0.08	0.08	21.000	583.08	Absolute	583.08	False	
104	MH-42	550.00	48.0	550.00	543.00	0.12	0.12	21.000	543.12	Absolute	543.12	False	
105	MH-40	520.00	48.0	520.00	513.00	0.16	0.16	21.000	513.16	Absolute	513.16	False	
106	MH-38	500.00	48.0	500.00	493.00	0.29	0.29	21.000	493.29	Absolute	493.29	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.19	0.19	21.000	498.19	Absolute	498.19	False	
118	MH-90	545.00	48.0	545.00	538.00	0.15	0.15	21.000	538.15	Absolute	538.15	False	
119	MH-92	585.00	48.0	585.00	578.00	0.12	0.12	21.000	578.12	Absolute	578.12	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.07	0.07	21.000	598.07	Absolute	598.07	False	
128	MH-36	455.00	48.0	455.00	448.00	0.29	0.29	21.000	448.29	Absolute	448.29	False	
129	MH-34	400.00	48.0	400.00	393.00	0.29	0.29	21.000	393.29	Absolute	393.29	False	
130	MH-32	395.00	48.0	395.00	388.00	0.29	0.29	21.000	388.29	Absolute	388.29	False	
131	MH-30	375.00	48.0	375.00	368.00	0.30	0.30	21.000	368.30	Absolute	368.30	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.11	0.11	21.000	198.11	Absolute	198.11	False	
134	MH-18	175.00	48.0	175.00	168.00	0.12	0.12	21.000	168.12	Absolute	168.12	False	
135	MH-14	165.00	48.0	165.00	158.00	0.11	0.11	22.000	158.11	Absolute	158.11	False	
136	MH-12	130.00	48.0	130.00	123.00	0.74	0.74	21.000	123.74	Absolute	123.74	False	
137	MH-24	160.00	48.0	160.00	153.00	0.73	0.73	21.000	153.73	Absolute	153.73	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.74	0.74	21.000	108.74	Absolute	108.74	False	
157	MH-102	500.00	48.0	500.00	493.00	0.59	0.59	20.000	493.59	Absolute	493.59	False	
158	MH-65	440.00	48.0	440.00	433.00	0.59	0.59	20.000	433.59	Absolute	433.59	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.04	0.04	21.000	743.04	Absolute	743.04	False	
183	MH-118	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
187	MH-108	640.00	48.0	640.00	633.00	0.11	0.11	21.000	633.11	Absolute	633.11	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.31	0.31	21.000	273.31	Absolute	273.31	False	
200	MH-126	805.00	48.0	805.00	798.00	0.10	0.10	21.000	798.10	Absolute	798.10	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.85	Absolute	466.85	False	
260	MH-75	725.00	48.0	725.00	718.00	0.10	0.10	21.000	718.10	Absolute	718.10	False	

Current Time: 26.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 26.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.02	0.02	20.000	788.02	Absolute	788.02	False	
41	MH-110	680.00	48.0	680.00	673.00	0.06	0.06	21.000	673.06	Absolute	673.06	False	
43	MH-106	605.00	48.0	605.00	598.00	0.16	0.16	21.000	598.16	Absolute	598.16	False	
45	MH-104	525.00	48.0	525.00	518.00	0.22	0.22	21.000	518.22	Absolute	518.22	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.02	0.02	20.000	833.02	Absolute	833.02	False	
50	MH-124	780.00	48.0	780.00	773.00	0.10	0.10	21.000	773.10	Absolute	773.10	False	
54	MH-120	620.00	48.0	620.00	613.00	0.11	0.11	21.000	613.11	Absolute	613.11	False	
56	MH-116	515.00	48.0	515.00	508.00	0.28	0.28	21.000	508.28	Absolute	508.28	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.24	0.24	21.000	522.24	Absolute	522.24	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.03	0.03	20.000	443.03	Absolute	443.03	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.71	0.71	20.000	413.71	Absolute	413.71	False	
85	MH-50	325.00	48.0	325.00	318.00	0.72	0.72	20.000	318.72	Absolute	318.72	False	
87	MH-48	240.00	48.0	240.00	233.00	0.78	0.78	20.000	233.78	Absolute	233.78	False	
89	MH-26	235.00	48.0	235.00	228.00	0.72	0.72	21.000	228.72	Absolute	228.72	False	
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.04	0.04	20.000	168.04	Absolute	168.04	False	
98	MH-84	685.00	48.0	685.00	678.00	0.06	0.06	20.000	678.06	Absolute	678.06	False	
99	MH-82	655.00	48.0	655.00	648.00	0.14	0.14	21.000	648.14	Absolute	648.14	False	
100	MH-86	670.00	48.0	670.00	663.00	0.06	0.06	20.000	663.06	Absolute	663.06	False	
101	MH-80	600.00	48.0	600.00	593.00	0.17	0.17	21.000	593.17	Absolute	593.17	False	
102	MH-78	565.00	48.0	565.00	558.00	0.20	0.20	22.000	558.20	Absolute	558.20	False	
103	MH-44	590.00	48.0	590.00	583.00	0.07	0.07	21.000	583.07	Absolute	583.07	False	
104	MH-42	550.00	48.0	550.00	543.00	0.10	0.10	21.000	543.10	Absolute	543.10	False	
105	MH-40	520.00	48.0	520.00	513.00	0.13	0.13	21.000	513.13	Absolute	513.13	False	
106	MH-38	500.00	48.0	500.00	493.00	0.28	0.28	21.000	493.28	Absolute	493.28	False	
109	MH-46	625.00	48.0	625.00	618.00	0.05	0.05	20.000	618.05	Absolute	618.05	False	
117	MH-88	505.00	48.0	505.00	498.00	0.16	0.16	21.000	498.16	Absolute	498.16	False	
118	MH-90	545.00	48.0	545.00	538.00	0.13	0.13	21.000	538.13	Absolute	538.13	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.05	0.05	20.000	658.05	Absolute	658.05	False	
121	MH-94	605.00	48.0	605.00	598.00	0.07	0.07	21.000	598.07	Absolute	598.07	False	
128	MH-36	455.00	48.0	455.00	448.00	0.29	0.29	21.000	448.29	Absolute	448.29	False	
129	MH-34	400.00	48.0	400.00	393.00	0.29	0.29	21.000	393.29	Absolute	393.29	False	
130	MH-32	395.00	48.0	395.00	388.00	0.28	0.28	21.000	388.28	Absolute	388.28	False	
131	MH-30	375.00	48.0	375.00	368.00	0.29	0.29	21.000	368.29	Absolute	368.29	False	
132	MH-22	300.00	48.0	300.00	293.00	0.07	0.07	20.000	293.07	Absolute	293.07	False	
133	MH-20	205.00	48.0	205.00	198.00	0.10	0.10	21.000	198.10	Absolute	198.10	False	
134	MH-18	175.00	48.0	175.00	168.00	0.11	0.11	21.000	168.11	Absolute	168.11	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 26.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.11	0.11	22.000	158.11	Absolute	158.11	False	
136	MH-12	130.00	48.0	130.00	123.00	0.73	0.73	21.000	123.73	Absolute	123.73	False	
137	MH-24	160.00	48.0	160.00	153.00	0.73	0.73	21.000	153.73	Absolute	153.73	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.73	0.73	21.000	108.73	Absolute	108.73	False	
157	MH-102	500.00	48.0	500.00	493.00	0.59	0.59	20.000	493.59	Absolute	493.59	False	
158	MH-65	440.00	48.0	440.00	433.00	0.59	0.59	20.000	433.59	Absolute	433.59	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.04	0.04	21.000	743.04	Absolute	743.04	False	
183	MH-118	585.00	48.0	585.00	578.00	0.14	0.14	21.000	578.14	Absolute	578.14	False	
187	MH-108	640.00	48.0	640.00	633.00	0.09	0.09	21.000	633.09	Absolute	633.09	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.30	0.30	21.000	273.30	Absolute	273.30	False	
200	MH-126	805.00	48.0	805.00	798.00	0.07	0.07	21.000	798.07	Absolute	798.07	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.29	0.29	21.000	466.83	Absolute	466.83	False	
260	MH-75	725.00	48.0	725.00	718.00	0.10	0.10	21.000	718.10	Absolute	718.10	False	

Current Time: 27.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.02	0.02	20.000	788.02	Absolute	788.02	False	
41	MH-110	680.00	48.0	680.00	673.00	0.05	0.05	21.000	673.05	Absolute	673.05	False	
43	MH-106	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
45	MH-104	525.00	48.0	525.00	518.00	0.14	0.14	21.000	518.14	Absolute	518.14	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.02	0.02	20.000	833.02	Absolute	833.02	False	
50	MH-124	780.00	48.0	780.00	773.00	0.07	0.07	21.000	773.07	Absolute	773.07	False	
54	MH-120	620.00	48.0	620.00	613.00	0.08	0.08	21.000	613.08	Absolute	613.08	False	
56	MH-116	515.00	48.0	515.00	508.00	0.18	0.18	21.000	508.18	Absolute	508.18	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.03	0.03	20.000	443.03	Absolute	443.03	False	
76	MH-58	395.00	48.0	395.00	388.00	0.03	0.03	21.000	388.03	Absolute	388.03	False	
80	MH-54	435.00	48.0	435.00	428.00	0.02	0.02	20.000	428.02	Absolute	428.02	False	
83	MH-52	420.00	48.0	420.00	413.00	0.37	0.37	20.000	413.37	Absolute	413.37	False	
85	MH-50	325.00	48.0	325.00	318.00	0.57	0.57	20.000	318.57	Absolute	318.57	False	
87	MH-48	240.00	48.0	240.00	233.00	0.69	0.69	20.000	233.69	Absolute	233.69	False	
89	MH-26	235.00	48.0	235.00	228.00	0.68	0.68	21.000	228.68	Absolute	228.68	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 27.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.85	0.85	20.000	93.85	Absolute	93.85	False	
93	MH-4	105.00	48.0	105.00	98.00	0.04	0.04	20.000	98.04	Absolute	98.04	False	
94	MH-6	175.00	48.0	175.00	168.00	0.04	0.04	20.000	168.04	Absolute	168.04	False	
98	MH-84	685.00	48.0	685.00	678.00	0.06	0.06	20.000	678.06	Absolute	678.06	False	
99	MH-82	655.00	48.0	655.00	648.00	0.10	0.10	21.000	648.10	Absolute	648.10	False	
100	MH-86	670.00	48.0	670.00	663.00	0.06	0.06	20.000	663.06	Absolute	663.06	False	
101	MH-80	600.00	48.0	600.00	593.00	0.12	0.12	21.000	593.12	Absolute	593.12	False	
102	MH-78	565.00	48.0	565.00	558.00	0.12	0.12	22.000	558.12	Absolute	558.12	False	
103	MH-44	590.00	48.0	590.00	583.00	0.05	0.05	21.000	583.05	Absolute	583.05	False	
104	MH-42	550.00	48.0	550.00	543.00	0.07	0.07	21.000	543.07	Absolute	543.07	False	
105	MH-40	520.00	48.0	520.00	513.00	0.10	0.10	21.000	513.10	Absolute	513.10	False	
106	MH-38	500.00	48.0	500.00	493.00	0.17	0.17	21.000	493.17	Absolute	493.17	False	
109	MH-46	625.00	48.0	625.00	618.00	0.05	0.05	20.000	618.05	Absolute	618.05	False	
117	MH-88	505.00	48.0	505.00	498.00	0.12	0.12	21.000	498.12	Absolute	498.12	False	
118	MH-90	545.00	48.0	545.00	538.00	0.09	0.09	21.000	538.09	Absolute	538.09	False	
119	MH-92	585.00	48.0	585.00	578.00	0.07	0.07	21.000	578.07	Absolute	578.07	False	
120	MH-96	665.00	48.0	665.00	658.00	0.05	0.05	20.000	658.05	Absolute	658.05	False	
121	MH-94	605.00	48.0	605.00	598.00	0.05	0.05	21.000	598.05	Absolute	598.05	False	
128	MH-36	455.00	48.0	455.00	448.00	0.18	0.18	21.000	448.18	Absolute	448.18	False	
129	MH-34	400.00	48.0	400.00	393.00	0.18	0.18	21.000	393.18	Absolute	393.18	False	
130	MH-32	395.00	48.0	395.00	388.00	0.17	0.17	21.000	388.17	Absolute	388.17	False	
131	MH-30	375.00	48.0	375.00	368.00	0.18	0.18	21.000	368.18	Absolute	368.18	False	
132	MH-22	300.00	48.0	300.00	293.00	0.07	0.07	20.000	293.07	Absolute	293.07	False	
133	MH-20	205.00	48.0	205.00	198.00	0.07	0.07	21.000	198.07	Absolute	198.07	False	
134	MH-18	175.00	48.0	175.00	168.00	0.07	0.07	21.000	168.07	Absolute	168.07	False	
135	MH-14	165.00	48.0	165.00	158.00	0.07	0.07	22.000	158.07	Absolute	158.07	False	
136	MH-12	130.00	48.0	130.00	123.00	0.68	0.68	21.000	123.68	Absolute	123.68	False	
137	MH-24	160.00	48.0	160.00	153.00	0.68	0.68	21.000	153.68	Absolute	153.68	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.68	0.68	21.000	108.68	Absolute	108.68	False	
157	MH-102	500.00	48.0	500.00	493.00	0.04	0.04	20.000	493.04	Absolute	493.04	False	
158	MH-65	440.00	48.0	440.00	433.00	0.52	0.52	20.000	433.52	Absolute	433.52	False	
159	MH-64	420.00	48.0	420.00	413.00	0.56	0.56	21.000	413.56	Absolute	413.56	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.02	0.02	21.000	743.02	Absolute	743.02	False	
183	MH-118	585.00	48.0	585.00	578.00	0.11	0.11	21.000	578.11	Absolute	578.11	False	
187	MH-108	640.00	48.0	640.00	633.00	0.07	0.07	21.000	633.07	Absolute	633.07	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.19	0.19	21.000	273.19	Absolute	273.19	False	
200	MH-126	805.00	48.0	805.00	798.00	0.06	0.06	21.000	798.06	Absolute	798.06	False	
203	MH-60	400.00	48.0	400.00	393.00	0.03	0.03	21.000	393.03	Absolute	393.03	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.06	0.06	21.000	718.06	Absolute	718.06	False	

Current Time: 28.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 28.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.03	0.03	20.000	788.03	Absolute	788.03	False	
41	MH-110	680.00	48.0	680.00	673.00	0.06	0.06	21.000	673.06	Absolute	673.06	False	
43	MH-106	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
45	MH-104	525.00	48.0	525.00	518.00	0.14	0.14	21.000	518.14	Absolute	518.14	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.07	0.07	21.000	773.07	Absolute	773.07	False	
54	MH-120	620.00	48.0	620.00	613.00	0.09	0.09	21.000	613.09	Absolute	613.09	False	
56	MH-116	515.00	48.0	515.00	508.00	0.18	0.18	21.000	508.18	Absolute	508.18	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.03	0.03	21.000	388.03	Absolute	388.03	False	
80	MH-54	435.00	48.0	435.00	428.00	0.03	0.03	20.000	428.03	Absolute	428.03	False	
83	MH-52	420.00	48.0	420.00	413.00	0.08	0.08	20.000	413.08	Absolute	413.08	False	
85	MH-50	325.00	48.0	325.00	318.00	0.10	0.10	20.000	318.10	Absolute	318.10	False	
87	MH-48	240.00	48.0	240.00	233.00	0.11	0.11	20.000	233.11	Absolute	233.11	False	
89	MH-26	235.00	48.0	235.00	228.00	0.20	0.20	21.000	228.20	Absolute	228.20	False	
92	MH-2	100.00	48.0	100.00	93.00	0.03	0.03	20.000	93.03	Absolute	93.03	False	
93	MH-4	105.00	48.0	105.00	98.00	0.04	0.04	20.000	98.04	Absolute	98.04	False	
94	MH-6	175.00	48.0	175.00	168.00	0.05	0.05	20.000	168.05	Absolute	168.05	False	
98	MH-84	685.00	48.0	685.00	678.00	0.09	0.09	20.000	678.09	Absolute	678.09	False	
99	MH-82	655.00	48.0	655.00	648.00	0.12	0.12	21.000	648.12	Absolute	648.12	False	
100	MH-86	670.00	48.0	670.00	663.00	0.08	0.08	20.000	663.08	Absolute	663.08	False	
101	MH-80	600.00	48.0	600.00	593.00	0.14	0.14	21.000	593.14	Absolute	593.14	False	
102	MH-78	565.00	48.0	565.00	558.00	0.12	0.12	22.000	558.12	Absolute	558.12	False	
103	MH-44	590.00	48.0	590.00	583.00	0.06	0.06	21.000	583.06	Absolute	583.06	False	
104	MH-42	550.00	48.0	550.00	543.00	0.09	0.09	21.000	543.09	Absolute	543.09	False	
105	MH-40	520.00	48.0	520.00	513.00	0.10	0.10	21.000	513.10	Absolute	513.10	False	
106	MH-38	500.00	48.0	500.00	493.00	0.17	0.17	21.000	493.17	Absolute	493.17	False	
109	MH-46	625.00	48.0	625.00	618.00	0.07	0.07	20.000	618.07	Absolute	618.07	False	
117	MH-88	505.00	48.0	505.00	498.00	0.14	0.14	21.000	498.14	Absolute	498.14	False	
118	MH-90	545.00	48.0	545.00	538.00	0.11	0.11	21.000	538.11	Absolute	538.11	False	
119	MH-92	585.00	48.0	585.00	578.00	0.09	0.09	21.000	578.09	Absolute	578.09	False	
120	MH-96	665.00	48.0	665.00	658.00	0.06	0.06	20.000	658.06	Absolute	658.06	False	
121	MH-94	605.00	48.0	605.00	598.00	0.05	0.05	21.000	598.05	Absolute	598.05	False	
128	MH-36	455.00	48.0	455.00	448.00	0.18	0.18	21.000	448.18	Absolute	448.18	False	
129	MH-34	400.00	48.0	400.00	393.00	0.18	0.18	21.000	393.18	Absolute	393.18	False	
130	MH-32	395.00	48.0	395.00	388.00	0.18	0.18	21.000	388.18	Absolute	388.18	False	
131	MH-30	375.00	48.0	375.00	368.00	0.18	0.18	21.000	368.18	Absolute	368.18	False	
132	MH-22	300.00	48.0	300.00	293.00	0.09	0.09	20.000	293.09	Absolute	293.09	False	
133	MH-20	205.00	48.0	205.00	198.00	0.07	0.07	21.000	198.07	Absolute	198.07	False	
134	MH-18	175.00	48.0	175.00	168.00	0.08	0.08	21.000	168.08	Absolute	168.08	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 28.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.07	0.07	22.000	158.07	Absolute	158.07	False	
136	MH-12	130.00	48.0	130.00	123.00	0.20	0.20	21.000	123.20	Absolute	123.20	False	
137	MH-24	160.00	48.0	160.00	153.00	0.20	0.20	21.000	153.20	Absolute	153.20	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.20	0.20	21.000	108.20	Absolute	108.20	False	
157	MH-102	500.00	48.0	500.00	493.00	0.06	0.06	20.000	493.06	Absolute	493.06	False	
158	MH-65	440.00	48.0	440.00	433.00	0.04	0.04	20.000	433.04	Absolute	433.04	False	
159	MH-64	420.00	48.0	420.00	413.00	0.19	0.19	21.000	413.19	Absolute	413.19	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.02	0.02	21.000	743.02	Absolute	743.02	False	
183	MH-118	585.00	48.0	585.00	578.00	0.13	0.13	21.000	578.13	Absolute	578.13	False	
187	MH-108	640.00	48.0	640.00	633.00	0.08	0.08	21.000	633.08	Absolute	633.08	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.19	0.19	21.000	273.19	Absolute	273.19	False	
200	MH-126	805.00	48.0	805.00	798.00	0.08	0.08	21.000	798.08	Absolute	798.08	False	
203	MH-60	400.00	48.0	400.00	393.00	0.04	0.04	21.000	393.04	Absolute	393.04	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.06	0.06	21.000	718.06	Absolute	718.06	False	

Current Time: 29.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.03	0.03	20.000	788.03	Absolute	788.03	False	
41	MH-110	680.00	48.0	680.00	673.00	0.07	0.07	21.000	673.07	Absolute	673.07	False	
43	MH-106	605.00	48.0	605.00	598.00	0.15	0.15	21.000	598.15	Absolute	598.15	False	
45	MH-104	525.00	48.0	525.00	518.00	0.15	0.15	21.000	518.15	Absolute	518.15	False	
47	MH-100	510.00	48.0	510.00	503.00	0.07	0.07	20.000	503.07	Absolute	503.07	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.09	0.09	21.000	773.09	Absolute	773.09	False	
54	MH-120	620.00	48.0	620.00	613.00	0.11	0.11	21.000	613.11	Absolute	613.11	False	
56	MH-116	515.00	48.0	515.00	508.00	0.21	0.21	21.000	508.21	Absolute	508.21	False	
59	MH-74	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.16	0.16	21.000	508.16	Absolute	508.16	False	
64	MH-75	620.00	48.0	620.00	613.00	0.09	0.09	20.000	613.09	Absolute	613.09	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.03	0.03	20.000	428.03	Absolute	428.03	False	
83	MH-52	420.00	48.0	420.00	413.00	0.08	0.08	20.000	413.08	Absolute	413.08	False	
85	MH-50	325.00	48.0	325.00	318.00	0.11	0.11	20.000	318.11	Absolute	318.11	False	
87	MH-48	240.00	48.0	240.00	233.00	0.12	0.12	20.000	233.12	Absolute	233.12	False	
89	MH-26	235.00	48.0	235.00	228.00	0.25	0.25	21.000	228.25	Absolute	228.25	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 29.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.04	0.04	20.000	93.04	Absolute	93.04	False	
93	MH-4	105.00	48.0	105.00	98.00	0.05	0.05	20.000	98.05	Absolute	98.05	False	
94	MH-6	175.00	48.0	175.00	168.00	0.05	0.05	20.000	168.05	Absolute	168.05	False	
98	MH-84	685.00	48.0	685.00	678.00	0.09	0.09	20.000	678.09	Absolute	678.09	False	
99	MH-82	655.00	48.0	655.00	648.00	0.14	0.14	21.000	648.14	Absolute	648.14	False	
100	MH-86	670.00	48.0	670.00	663.00	0.08	0.08	20.000	663.08	Absolute	663.08	False	
101	MH-80	600.00	48.0	600.00	593.00	0.17	0.17	21.000	593.17	Absolute	593.17	False	
102	MH-78	565.00	48.0	565.00	558.00	0.17	0.17	22.000	558.17	Absolute	558.17	False	
103	MH-44	590.00	48.0	590.00	583.00	0.07	0.07	21.000	583.07	Absolute	583.07	False	
104	MH-42	550.00	48.0	550.00	543.00	0.10	0.10	21.000	543.10	Absolute	543.10	False	
105	MH-40	520.00	48.0	520.00	513.00	0.12	0.12	21.000	513.12	Absolute	513.12	False	
106	MH-38	500.00	48.0	500.00	493.00	0.23	0.23	21.000	493.23	Absolute	493.23	False	
109	MH-46	625.00	48.0	625.00	618.00	0.07	0.07	20.000	618.07	Absolute	618.07	False	
117	MH-88	505.00	48.0	505.00	498.00	0.16	0.16	21.000	498.16	Absolute	498.16	False	
118	MH-90	545.00	48.0	545.00	538.00	0.13	0.13	21.000	538.13	Absolute	538.13	False	
119	MH-92	585.00	48.0	585.00	578.00	0.10	0.10	21.000	578.10	Absolute	578.10	False	
120	MH-96	665.00	48.0	665.00	658.00	0.06	0.06	20.000	658.06	Absolute	658.06	False	
121	MH-94	605.00	48.0	605.00	598.00	0.06	0.06	21.000	598.06	Absolute	598.06	False	
128	MH-36	455.00	48.0	455.00	448.00	0.24	0.24	21.000	448.24	Absolute	448.24	False	
129	MH-34	400.00	48.0	400.00	393.00	0.24	0.24	21.000	393.24	Absolute	393.24	False	
130	MH-32	395.00	48.0	395.00	388.00	0.24	0.24	21.000	388.24	Absolute	388.24	False	
131	MH-30	375.00	48.0	375.00	368.00	0.24	0.24	21.000	368.24	Absolute	368.24	False	
132	MH-22	300.00	48.0	300.00	293.00	0.09	0.09	20.000	293.09	Absolute	293.09	False	
133	MH-20	205.00	48.0	205.00	198.00	0.09	0.09	21.000	198.09	Absolute	198.09	False	
134	MH-18	175.00	48.0	175.00	168.00	0.11	0.11	21.000	168.11	Absolute	168.11	False	
135	MH-14	165.00	48.0	165.00	158.00	0.09	0.09	22.000	158.09	Absolute	158.09	False	
136	MH-12	130.00	48.0	130.00	123.00	0.27	0.27	21.000	123.27	Absolute	123.27	False	
137	MH-24	160.00	48.0	160.00	153.00	0.26	0.26	21.000	153.26	Absolute	153.26	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.27	0.27	21.000	108.27	Absolute	108.27	False	
157	MH-102	500.00	48.0	500.00	493.00	0.06	0.06	20.000	493.06	Absolute	493.06	False	
158	MH-65	440.00	48.0	440.00	433.00	0.06	0.06	20.000	433.06	Absolute	433.06	False	
159	MH-64	420.00	48.0	420.00	413.00	0.19	0.19	21.000	413.19	Absolute	413.19	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.03	0.03	21.000	743.03	Absolute	743.03	False	
183	MH-118	585.00	48.0	585.00	578.00	0.14	0.14	21.000	578.14	Absolute	578.14	False	
187	MH-108	640.00	48.0	640.00	633.00	0.09	0.09	21.000	633.09	Absolute	633.09	False	
190	MH-76	535.00	48.0	535.00	528.00	0.09	0.09	20.000	528.09	Absolute	528.09	False	
196	MH-28	280.00	48.0	280.00	273.00	0.25	0.25	21.000	273.25	Absolute	273.25	False	
200	MH-126	805.00	48.0	805.00	798.00	0.09	0.09	21.000	798.09	Absolute	798.09	False	
203	MH-60	400.00	48.0	400.00	393.00	0.05	0.05	21.000	393.05	Absolute	393.05	False	
252	MH-68	473.55	48.0	473.55	466.55	0.17	0.17	21.000	466.72	Absolute	466.72	False	
260	MH-75	725.00	48.0	725.00	718.00	0.09	0.09	21.000	718.09	Absolute	718.09	False	

Current Time: 30.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.14	0.14	21.000	673.14	Absolute	673.14	False	
43	MH-106	605.00	48.0	605.00	598.00	0.21	0.21	21.000	598.21	Absolute	598.21	False	
45	MH-104	525.00	48.0	525.00	518.00	0.16	0.16	21.000	518.16	Absolute	518.16	False	
47	MH-100	510.00	48.0	510.00	503.00	0.10	0.10	20.000	503.10	Absolute	503.10	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.11	0.11	21.000	773.11	Absolute	773.11	False	
54	MH-120	620.00	48.0	620.00	613.00	0.15	0.15	21.000	613.15	Absolute	613.15	False	
56	MH-116	515.00	48.0	515.00	508.00	0.24	0.24	21.000	508.24	Absolute	508.24	False	
59	MH-74	625.00	48.0	625.00	618.00	0.18	0.18	20.000	618.18	Absolute	618.18	False	
60	MH-72	529.00	48.0	529.00	522.00	0.15	0.15	21.000	522.15	Absolute	522.15	False	
62	MH-70	515.00	48.0	515.00	508.00	0.17	0.17	21.000	508.17	Absolute	508.17	False	
64	MH-75	620.00	48.0	620.00	613.00	0.12	0.12	20.000	613.12	Absolute	613.12	False	
67	MH-66	425.00	48.0	425.00	418.00	0.20	0.20	21.000	418.20	Absolute	418.20	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.05	0.05	21.000	388.05	Absolute	388.05	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.62	0.62	20.000	413.62	Absolute	413.62	False	
85	MH-50	325.00	48.0	325.00	318.00	0.45	0.45	20.000	318.45	Absolute	318.45	False	
87	MH-48	240.00	48.0	240.00	233.00	0.34	0.34	20.000	233.34	Absolute	233.34	False	
89	MH-26	235.00	48.0	235.00	228.00	0.29	0.29	21.000	228.29	Absolute	228.29	False	
92	MH-2	100.00	48.0	100.00	93.00	0.26	0.26	20.000	93.26	Absolute	93.26	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.20	0.20	20.000	678.20	Absolute	678.20	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.19	0.19	20.000	663.19	Absolute	663.19	False	
101	MH-80	600.00	48.0	600.00	593.00	0.28	0.28	21.000	593.28	Absolute	593.28	False	
102	MH-78	565.00	48.0	565.00	558.00	0.17	0.17	22.000	558.17	Absolute	558.17	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.18	0.18	21.000	543.18	Absolute	543.18	False	
105	MH-40	520.00	48.0	520.00	513.00	0.14	0.14	21.000	513.14	Absolute	513.14	False	
106	MH-38	500.00	48.0	500.00	493.00	0.24	0.24	21.000	493.24	Absolute	493.24	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.27	0.27	21.000	498.27	Absolute	498.27	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.19	0.19	21.000	578.19	Absolute	578.19	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.09	0.09	21.000	598.09	Absolute	598.09	False	
128	MH-36	455.00	48.0	455.00	448.00	0.28	0.28	21.000	448.28	Absolute	448.28	False	
129	MH-34	400.00	48.0	400.00	393.00	0.26	0.26	21.000	393.26	Absolute	393.26	False	
130	MH-32	395.00	48.0	395.00	388.00	0.27	0.27	21.000	388.27	Absolute	388.27	False	
131	MH-30	375.00	48.0	375.00	368.00	0.26	0.26	21.000	368.26	Absolute	368.26	False	
132	MH-22	300.00	48.0	300.00	293.00	0.21	0.21	20.000	293.21	Absolute	293.21	False	
133	MH-20	205.00	48.0	205.00	198.00	0.13	0.13	21.000	198.13	Absolute	198.13	False	
134	MH-18	175.00	48.0	175.00	168.00	0.15	0.15	21.000	168.15	Absolute	168.15	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.09	0.09	22.000	158.09	Absolute	158.09	False	
136	MH-12	130.00	48.0	130.00	123.00	0.28	0.28	21.000	123.28	Absolute	123.28	False	
137	MH-24	160.00	48.0	160.00	153.00	0.29	0.29	21.000	153.29	Absolute	153.29	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.27	0.27	21.000	108.27	Absolute	108.27	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.28	0.28	20.000	433.28	Absolute	433.28	False	
159	MH-64	420.00	48.0	420.00	413.00	0.28	0.28	21.000	413.28	Absolute	413.28	False	
173	MH-98	450.00	48.0	450.00	443.00	0.07	0.07	21.000	443.07	Absolute	443.07	False	
180	MH-112	750.00	48.0	750.00	743.00	0.03	0.03	21.000	743.03	Absolute	743.03	False	
183	MH-118	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
187	MH-108	640.00	48.0	640.00	633.00	0.17	0.17	21.000	633.17	Absolute	633.17	False	
190	MH-76	535.00	48.0	535.00	528.00	0.13	0.13	20.000	528.13	Absolute	528.13	False	
196	MH-28	280.00	48.0	280.00	273.00	0.30	0.30	21.000	273.30	Absolute	273.30	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.19	0.19	21.000	466.73	Absolute	466.73	False	
260	MH-75	725.00	48.0	725.00	718.00	0.09	0.09	21.000	718.09	Absolute	718.09	False	

Current Time: 31.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.27	0.27	21.000	518.27	Absolute	518.27	False	
47	MH-100	510.00	48.0	510.00	503.00	0.10	0.10	20.000	503.10	Absolute	503.10	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.21	0.21	21.000	773.21	Absolute	773.21	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.41	0.41	21.000	508.41	Absolute	508.41	False	
59	MH-74	625.00	48.0	625.00	618.00	0.18	0.18	20.000	618.18	Absolute	618.18	False	
60	MH-72	529.00	48.0	529.00	522.00	0.21	0.21	21.000	522.21	Absolute	522.21	False	
62	MH-70	515.00	48.0	515.00	508.00	0.23	0.23	21.000	508.23	Absolute	508.23	False	
64	MH-75	620.00	48.0	620.00	613.00	0.12	0.12	20.000	613.12	Absolute	613.12	False	
67	MH-66	425.00	48.0	425.00	418.00	0.28	0.28	21.000	418.28	Absolute	418.28	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.72	0.72	20.000	413.72	Absolute	413.72	False	
85	MH-50	325.00	48.0	325.00	318.00	0.74	0.74	20.000	318.74	Absolute	318.74	False	
87	MH-48	240.00	48.0	240.00	233.00	0.81	0.81	20.000	233.81	Absolute	233.81	False	
89	MH-26	235.00	48.0	235.00	228.00	0.86	0.86	21.000	228.86	Absolute	228.86	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 31.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.20	0.20	20.000	678.20	Absolute	678.20	False	
99	MH-82	655.00	48.0	655.00	648.00	0.32	0.32	21.000	648.32	Absolute	648.32	False	
100	MH-86	670.00	48.0	670.00	663.00	0.19	0.19	20.000	663.19	Absolute	663.19	False	
101	MH-80	600.00	48.0	600.00	593.00	0.39	0.39	21.000	593.39	Absolute	593.39	False	
102	MH-78	565.00	48.0	565.00	558.00	0.39	0.39	22.000	558.39	Absolute	558.39	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.23	0.23	21.000	543.23	Absolute	543.23	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.52	0.52	21.000	493.52	Absolute	493.52	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.37	0.37	21.000	498.37	Absolute	498.37	False	
118	MH-90	545.00	48.0	545.00	538.00	0.29	0.29	21.000	538.29	Absolute	538.29	False	
119	MH-92	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.54	0.54	21.000	448.54	Absolute	448.54	False	
129	MH-34	400.00	48.0	400.00	393.00	0.54	0.54	21.000	393.54	Absolute	393.54	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.21	0.21	20.000	293.21	Absolute	293.21	False	
133	MH-20	205.00	48.0	205.00	198.00	0.21	0.21	21.000	198.21	Absolute	198.21	False	
134	MH-18	175.00	48.0	175.00	168.00	0.24	0.24	21.000	168.24	Absolute	168.24	False	
135	MH-14	165.00	48.0	165.00	158.00	0.21	0.21	22.000	158.21	Absolute	158.21	False	
136	MH-12	130.00	48.0	130.00	123.00	0.88	0.88	21.000	123.88	Absolute	123.88	False	
137	MH-24	160.00	48.0	160.00	153.00	0.86	0.86	21.000	153.86	Absolute	153.86	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.88	0.88	21.000	108.88	Absolute	108.88	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.10	0.10	21.000	443.10	Absolute	443.10	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.21	0.21	21.000	633.21	Absolute	633.21	False	
190	MH-76	535.00	48.0	535.00	528.00	0.13	0.13	20.000	528.13	Absolute	528.13	False	
196	MH-28	280.00	48.0	280.00	273.00	0.55	0.55	21.000	273.55	Absolute	273.55	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.25	0.25	21.000	466.79	Absolute	466.79	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 32.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 32.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.32	0.32	21.000	598.32	Absolute	598.32	False	
45	MH-104	525.00	48.0	525.00	518.00	0.28	0.28	21.000	518.28	Absolute	518.28	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.20	0.20	21.000	773.20	Absolute	773.20	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.42	0.42	21.000	508.42	Absolute	508.42	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.22	0.22	21.000	522.22	Absolute	522.22	False	
62	MH-70	515.00	48.0	515.00	508.00	0.24	0.24	21.000	508.24	Absolute	508.24	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.28	0.28	21.000	418.28	Absolute	418.28	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.73	0.73	20.000	413.73	Absolute	413.73	False	
85	MH-50	325.00	48.0	325.00	318.00	0.74	0.74	20.000	318.74	Absolute	318.74	False	
87	MH-48	240.00	48.0	240.00	233.00	0.81	0.81	20.000	233.81	Absolute	233.81	False	
89	MH-26	235.00	48.0	235.00	228.00	0.86	0.86	21.000	228.86	Absolute	228.86	False	
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.17	0.17	20.000	678.17	Absolute	678.17	False	
99	MH-82	655.00	48.0	655.00	648.00	0.30	0.30	21.000	648.30	Absolute	648.30	False	
100	MH-86	670.00	48.0	670.00	663.00	0.16	0.16	20.000	663.16	Absolute	663.16	False	
101	MH-80	600.00	48.0	600.00	593.00	0.36	0.36	21.000	593.36	Absolute	593.36	False	
102	MH-78	565.00	48.0	565.00	558.00	0.39	0.39	22.000	558.39	Absolute	558.39	False	
103	MH-44	590.00	48.0	590.00	583.00	0.14	0.14	21.000	583.14	Absolute	583.14	False	
104	MH-42	550.00	48.0	550.00	543.00	0.21	0.21	21.000	543.21	Absolute	543.21	False	
105	MH-40	520.00	48.0	520.00	513.00	0.26	0.26	21.000	513.26	Absolute	513.26	False	
106	MH-38	500.00	48.0	500.00	493.00	0.52	0.52	21.000	493.52	Absolute	493.52	False	
109	MH-46	625.00	48.0	625.00	618.00	0.13	0.13	20.000	618.13	Absolute	618.13	False	
117	MH-88	505.00	48.0	505.00	498.00	0.35	0.35	21.000	498.35	Absolute	498.35	False	
118	MH-90	545.00	48.0	545.00	538.00	0.27	0.27	21.000	538.27	Absolute	538.27	False	
119	MH-92	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
120	MH-96	665.00	48.0	665.00	658.00	0.12	0.12	20.000	658.12	Absolute	658.12	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.53	0.53	21.000	448.53	Absolute	448.53	False	
129	MH-34	400.00	48.0	400.00	393.00	0.53	0.53	21.000	393.53	Absolute	393.53	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.17	0.17	20.000	293.17	Absolute	293.17	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.23	0.23	21.000	168.23	Absolute	168.23	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 32.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.21	0.21	22.000	158.21	Absolute	158.21	False	
136	MH-12	130.00	48.0	130.00	123.00	0.88	0.88	21.000	123.88	Absolute	123.88	False	
137	MH-24	160.00	48.0	160.00	153.00	0.86	0.86	21.000	153.86	Absolute	153.86	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.88	0.88	21.000	108.88	Absolute	108.88	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.63	0.63	21.000	413.63	Absolute	413.63	False	
173	MH-98	450.00	48.0	450.00	443.00	0.10	0.10	21.000	443.10	Absolute	443.10	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.28	0.28	21.000	578.28	Absolute	578.28	False	
187	MH-108	640.00	48.0	640.00	633.00	0.19	0.19	21.000	633.19	Absolute	633.19	False	
190	MH-76	535.00	48.0	535.00	528.00	0.18	0.18	20.000	528.18	Absolute	528.18	False	
196	MH-28	280.00	48.0	280.00	273.00	0.54	0.54	21.000	273.54	Absolute	273.54	False	
200	MH-126	805.00	48.0	805.00	798.00	0.16	0.16	21.000	798.16	Absolute	798.16	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.27	0.27	21.000	466.82	Absolute	466.82	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 33.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.30	0.30	21.000	598.30	Absolute	598.30	False	
45	MH-104	525.00	48.0	525.00	518.00	0.30	0.30	21.000	518.30	Absolute	518.30	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.19	0.19	21.000	613.19	Absolute	613.19	False	
56	MH-116	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.30	0.30	21.000	522.30	Absolute	522.30	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.41	0.41	21.000	418.41	Absolute	418.41	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.39	0.39	20.000	413.39	Absolute	413.39	False	
85	MH-50	325.00	48.0	325.00	318.00	0.61	0.61	20.000	318.61	Absolute	318.61	False	
87	MH-48	240.00	48.0	240.00	233.00	0.73	0.73	20.000	233.73	Absolute	233.73	False	
89	MH-26	235.00	48.0	235.00	228.00	0.81	0.81	21.000	228.81	Absolute	228.81	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 33.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.85	0.85	20.000	93.85	Absolute	93.85	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.17	0.17	20.000	678.17	Absolute	678.17	False	
99	MH-82	655.00	48.0	655.00	648.00	0.27	0.27	21.000	648.27	Absolute	648.27	False	
100	MH-86	670.00	48.0	670.00	663.00	0.16	0.16	20.000	663.16	Absolute	663.16	False	
101	MH-80	600.00	48.0	600.00	593.00	0.32	0.32	21.000	593.32	Absolute	593.32	False	
102	MH-78	565.00	48.0	565.00	558.00	0.32	0.32	22.000	558.32	Absolute	558.32	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.19	0.19	21.000	543.19	Absolute	543.19	False	
105	MH-40	520.00	48.0	520.00	513.00	0.23	0.23	21.000	513.23	Absolute	513.23	False	
106	MH-38	500.00	48.0	500.00	493.00	0.44	0.44	21.000	493.44	Absolute	493.44	False	
109	MH-46	625.00	48.0	625.00	618.00	0.13	0.13	20.000	618.13	Absolute	618.13	False	
117	MH-88	505.00	48.0	505.00	498.00	0.31	0.31	21.000	498.31	Absolute	498.31	False	
118	MH-90	545.00	48.0	545.00	538.00	0.24	0.24	21.000	538.24	Absolute	538.24	False	
119	MH-92	585.00	48.0	585.00	578.00	0.19	0.19	21.000	578.19	Absolute	578.19	False	
120	MH-96	665.00	48.0	665.00	658.00	0.12	0.12	20.000	658.12	Absolute	658.12	False	
121	MH-94	605.00	48.0	605.00	598.00	0.12	0.12	21.000	598.12	Absolute	598.12	False	
128	MH-36	455.00	48.0	455.00	448.00	0.46	0.46	21.000	448.46	Absolute	448.46	False	
129	MH-34	400.00	48.0	400.00	393.00	0.46	0.46	21.000	393.46	Absolute	393.46	False	
130	MH-32	395.00	48.0	395.00	388.00	0.45	0.45	21.000	388.45	Absolute	388.45	False	
131	MH-30	375.00	48.0	375.00	368.00	0.46	0.46	21.000	368.46	Absolute	368.46	False	
132	MH-22	300.00	48.0	300.00	293.00	0.17	0.17	20.000	293.17	Absolute	293.17	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	
135	MH-14	165.00	48.0	165.00	158.00	0.17	0.17	22.000	158.17	Absolute	158.17	False	
136	MH-12	130.00	48.0	130.00	123.00	0.83	0.83	21.000	123.83	Absolute	123.83	False	
137	MH-24	160.00	48.0	160.00	153.00	0.82	0.82	21.000	153.82	Absolute	153.82	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.84	0.84	21.000	108.84	Absolute	108.84	False	
157	MH-102	500.00	48.0	500.00	493.00	0.10	0.10	20.000	493.10	Absolute	493.10	False	
158	MH-65	440.00	48.0	440.00	433.00	0.53	0.53	20.000	433.53	Absolute	433.53	False	
159	MH-64	420.00	48.0	420.00	413.00	0.66	0.66	21.000	413.66	Absolute	413.66	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.26	0.26	21.000	578.26	Absolute	578.26	False	
187	MH-108	640.00	48.0	640.00	633.00	0.17	0.17	21.000	633.17	Absolute	633.17	False	
190	MH-76	535.00	48.0	535.00	528.00	0.18	0.18	20.000	528.18	Absolute	528.18	False	
196	MH-28	280.00	48.0	280.00	273.00	0.47	0.47	21.000	273.47	Absolute	273.47	False	
200	MH-126	805.00	48.0	805.00	798.00	0.16	0.16	21.000	798.16	Absolute	798.16	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.36	0.36	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.16	0.16	21.000	718.16	Absolute	718.16	False	

Current Time: 34.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 34.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.29	0.29	21.000	518.29	Absolute	518.29	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
59	MH-74	625.00	48.0	625.00	618.00	0.21	0.21	20.000	618.21	Absolute	618.21	False	
60	MH-72	529.00	48.0	529.00	522.00	0.30	0.30	21.000	522.30	Absolute	522.30	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.41	0.41	21.000	418.41	Absolute	418.41	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.13	0.13	20.000	413.13	Absolute	413.13	False	
85	MH-50	325.00	48.0	325.00	318.00	0.18	0.18	20.000	318.18	Absolute	318.18	False	
87	MH-48	240.00	48.0	240.00	233.00	0.21	0.21	20.000	233.21	Absolute	233.21	False	
89	MH-26	235.00	48.0	235.00	228.00	0.47	0.47	21.000	228.47	Absolute	228.47	False	
92	MH-2	100.00	48.0	100.00	93.00	0.08	0.08	20.000	93.08	Absolute	93.08	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.08	0.08	20.000	168.08	Absolute	168.08	False	
98	MH-84	685.00	48.0	685.00	678.00	0.13	0.13	20.000	678.13	Absolute	678.13	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.12	0.12	20.000	663.12	Absolute	663.12	False	
101	MH-80	600.00	48.0	600.00	593.00	0.30	0.30	21.000	593.30	Absolute	593.30	False	
102	MH-78	565.00	48.0	565.00	558.00	0.32	0.32	22.000	558.32	Absolute	558.32	False	
103	MH-44	590.00	48.0	590.00	583.00	0.12	0.12	21.000	583.12	Absolute	583.12	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.21	0.21	21.000	513.21	Absolute	513.21	False	
106	MH-38	500.00	48.0	500.00	493.00	0.44	0.44	21.000	493.44	Absolute	493.44	False	
109	MH-46	625.00	48.0	625.00	618.00	0.10	0.10	20.000	618.10	Absolute	618.10	False	
117	MH-88	505.00	48.0	505.00	498.00	0.28	0.28	21.000	498.28	Absolute	498.28	False	
118	MH-90	545.00	48.0	545.00	538.00	0.22	0.22	21.000	538.22	Absolute	538.22	False	
119	MH-92	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.45	0.45	21.000	448.45	Absolute	448.45	False	
129	MH-34	400.00	48.0	400.00	393.00	0.45	0.45	21.000	393.45	Absolute	393.45	False	
130	MH-32	395.00	48.0	395.00	388.00	0.44	0.44	21.000	388.44	Absolute	388.44	False	
131	MH-30	375.00	48.0	375.00	368.00	0.45	0.45	21.000	368.45	Absolute	368.45	False	
132	MH-22	300.00	48.0	300.00	293.00	0.14	0.14	20.000	293.14	Absolute	293.14	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 34.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.17	0.17	22.000	158.17	Absolute	158.17	False	
136	MH-12	130.00	48.0	130.00	123.00	0.50	0.50	21.000	123.50	Absolute	123.50	False	
137	MH-24	160.00	48.0	160.00	153.00	0.48	0.48	21.000	153.48	Absolute	153.48	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.51	0.51	21.000	108.51	Absolute	108.51	False	
157	MH-102	500.00	48.0	500.00	493.00	0.08	0.08	20.000	493.08	Absolute	493.08	False	
158	MH-65	440.00	48.0	440.00	433.00	0.10	0.10	20.000	433.10	Absolute	433.10	False	
159	MH-64	420.00	48.0	420.00	413.00	0.37	0.37	21.000	413.37	Absolute	413.37	False	
173	MH-98	450.00	48.0	450.00	443.00	0.14	0.14	21.000	443.14	Absolute	443.14	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.15	0.15	20.000	528.15	Absolute	528.15	False	
196	MH-28	280.00	48.0	280.00	273.00	0.46	0.46	21.000	273.46	Absolute	273.46	False	
200	MH-126	805.00	48.0	805.00	798.00	0.13	0.13	21.000	798.13	Absolute	798.13	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.35	0.35	21.000	466.90	Absolute	466.90	False	
260	MH-75	725.00	48.0	725.00	718.00	0.16	0.16	21.000	718.16	Absolute	718.16	False	

Current Time: 35.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.10	0.10	21.000	673.10	Absolute	673.10	False	
43	MH-106	605.00	48.0	605.00	598.00	0.25	0.25	21.000	598.25	Absolute	598.25	False	
45	MH-104	525.00	48.0	525.00	518.00	0.25	0.25	21.000	518.25	Absolute	518.25	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.14	0.14	21.000	773.14	Absolute	773.14	False	
54	MH-120	620.00	48.0	620.00	613.00	0.16	0.16	21.000	613.16	Absolute	613.16	False	
56	MH-116	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
59	MH-74	625.00	48.0	625.00	618.00	0.21	0.21	20.000	618.21	Absolute	618.21	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.13	0.13	20.000	413.13	Absolute	413.13	False	
85	MH-50	325.00	48.0	325.00	318.00	0.16	0.16	20.000	318.16	Absolute	318.16	False	
87	MH-48	240.00	48.0	240.00	233.00	0.18	0.18	20.000	233.18	Absolute	233.18	False	
89	MH-26	235.00	48.0	235.00	228.00	0.39	0.39	21.000	228.39	Absolute	228.39	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 35.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.06	0.06	20.000	93.06	Absolute	93.06	False	
93	MH-4	105.00	48.0	105.00	98.00	0.07	0.07	20.000	98.07	Absolute	98.07	False	
94	MH-6	175.00	48.0	175.00	168.00	0.08	0.08	20.000	168.08	Absolute	168.08	False	
98	MH-84	685.00	48.0	685.00	678.00	0.13	0.13	20.000	678.13	Absolute	678.13	False	
99	MH-82	655.00	48.0	655.00	648.00	0.21	0.21	21.000	648.21	Absolute	648.21	False	
100	MH-86	670.00	48.0	670.00	663.00	0.12	0.12	20.000	663.12	Absolute	663.12	False	
101	MH-80	600.00	48.0	600.00	593.00	0.26	0.26	21.000	593.26	Absolute	593.26	False	
102	MH-78	565.00	48.0	565.00	558.00	0.26	0.26	22.000	558.26	Absolute	558.26	False	
103	MH-44	590.00	48.0	590.00	583.00	0.10	0.10	21.000	583.10	Absolute	583.10	False	
104	MH-42	550.00	48.0	550.00	543.00	0.15	0.15	21.000	543.15	Absolute	543.15	False	
105	MH-40	520.00	48.0	520.00	513.00	0.19	0.19	21.000	513.19	Absolute	513.19	False	
106	MH-38	500.00	48.0	500.00	493.00	0.35	0.35	21.000	493.35	Absolute	493.35	False	
109	MH-46	625.00	48.0	625.00	618.00	0.10	0.10	20.000	618.10	Absolute	618.10	False	
117	MH-88	505.00	48.0	505.00	498.00	0.24	0.24	21.000	498.24	Absolute	498.24	False	
118	MH-90	545.00	48.0	545.00	538.00	0.19	0.19	21.000	538.19	Absolute	538.19	False	
119	MH-92	585.00	48.0	585.00	578.00	0.15	0.15	21.000	578.15	Absolute	578.15	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.37	0.37	21.000	448.37	Absolute	448.37	False	
129	MH-34	400.00	48.0	400.00	393.00	0.37	0.37	21.000	393.37	Absolute	393.37	False	
130	MH-32	395.00	48.0	395.00	388.00	0.36	0.36	21.000	388.36	Absolute	388.36	False	
131	MH-30	375.00	48.0	375.00	368.00	0.37	0.37	21.000	368.37	Absolute	368.37	False	
132	MH-22	300.00	48.0	300.00	293.00	0.14	0.14	20.000	293.14	Absolute	293.14	False	
133	MH-20	205.00	48.0	205.00	198.00	0.14	0.14	21.000	198.14	Absolute	198.14	False	
134	MH-18	175.00	48.0	175.00	168.00	0.16	0.16	21.000	168.16	Absolute	168.16	False	
135	MH-14	165.00	48.0	165.00	158.00	0.14	0.14	22.000	158.14	Absolute	158.14	False	
136	MH-12	130.00	48.0	130.00	123.00	0.41	0.41	21.000	123.41	Absolute	123.41	False	
137	MH-24	160.00	48.0	160.00	153.00	0.39	0.39	21.000	153.39	Absolute	153.39	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.41	0.41	21.000	108.41	Absolute	108.41	False	
157	MH-102	500.00	48.0	500.00	493.00	0.08	0.08	20.000	493.08	Absolute	493.08	False	
158	MH-65	440.00	48.0	440.00	433.00	0.08	0.08	20.000	433.08	Absolute	433.08	False	
159	MH-64	420.00	48.0	420.00	413.00	0.31	0.31	21.000	413.31	Absolute	413.31	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
187	MH-108	640.00	48.0	640.00	633.00	0.14	0.14	21.000	633.14	Absolute	633.14	False	
190	MH-76	535.00	48.0	535.00	528.00	0.15	0.15	20.000	528.15	Absolute	528.15	False	
196	MH-28	280.00	48.0	280.00	273.00	0.38	0.38	21.000	273.38	Absolute	273.38	False	
200	MH-126	805.00	48.0	805.00	798.00	0.13	0.13	21.000	798.13	Absolute	798.13	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.84	Absolute	466.84	False	
260	MH-75	725.00	48.0	725.00	718.00	0.13	0.13	21.000	718.13	Absolute	718.13	False	

Current Time: 36.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 36.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.25	0.25	21.000	518.25	Absolute	518.25	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.14	0.14	21.000	773.14	Absolute	773.14	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.25	0.25	21.000	522.25	Absolute	522.25	False	
62	MH-70	515.00	48.0	515.00	508.00	0.27	0.27	21.000	508.27	Absolute	508.27	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.34	0.34	21.000	418.34	Absolute	418.34	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.62	0.62	20.000	413.62	Absolute	413.62	False	
85	MH-50	325.00	48.0	325.00	318.00	0.44	0.44	20.000	318.44	Absolute	318.44	False	
87	MH-48	240.00	48.0	240.00	233.00	0.35	0.35	20.000	233.35	Absolute	233.35	False	
89	MH-26	235.00	48.0	235.00	228.00	0.39	0.39	21.000	228.39	Absolute	228.39	False	
92	MH-2	100.00	48.0	100.00	93.00	0.27	0.27	20.000	93.27	Absolute	93.27	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.09	0.09	20.000	168.09	Absolute	168.09	False	
98	MH-84	685.00	48.0	685.00	678.00	0.14	0.14	20.000	678.14	Absolute	678.14	False	
99	MH-82	655.00	48.0	655.00	648.00	0.22	0.22	21.000	648.22	Absolute	648.22	False	
100	MH-86	670.00	48.0	670.00	663.00	0.13	0.13	20.000	663.13	Absolute	663.13	False	
101	MH-80	600.00	48.0	600.00	593.00	0.27	0.27	21.000	593.27	Absolute	593.27	False	
102	MH-78	565.00	48.0	565.00	558.00	0.26	0.26	22.000	558.26	Absolute	558.26	False	
103	MH-44	590.00	48.0	590.00	583.00	0.10	0.10	21.000	583.10	Absolute	583.10	False	
104	MH-42	550.00	48.0	550.00	543.00	0.16	0.16	21.000	543.16	Absolute	543.16	False	
105	MH-40	520.00	48.0	520.00	513.00	0.19	0.19	21.000	513.19	Absolute	513.19	False	
106	MH-38	500.00	48.0	500.00	493.00	0.35	0.35	21.000	493.35	Absolute	493.35	False	
109	MH-46	625.00	48.0	625.00	618.00	0.11	0.11	20.000	618.11	Absolute	618.11	False	
117	MH-88	505.00	48.0	505.00	498.00	0.25	0.25	21.000	498.25	Absolute	498.25	False	
118	MH-90	545.00	48.0	545.00	538.00	0.20	0.20	21.000	538.20	Absolute	538.20	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.37	0.37	21.000	448.37	Absolute	448.37	False	
129	MH-34	400.00	48.0	400.00	393.00	0.37	0.37	21.000	393.37	Absolute	393.37	False	
130	MH-32	395.00	48.0	395.00	388.00	0.36	0.36	21.000	388.36	Absolute	388.36	False	
131	MH-30	375.00	48.0	375.00	368.00	0.37	0.37	21.000	368.37	Absolute	368.37	False	
132	MH-22	300.00	48.0	300.00	293.00	0.15	0.15	20.000	293.15	Absolute	293.15	False	
133	MH-20	205.00	48.0	205.00	198.00	0.14	0.14	21.000	198.14	Absolute	198.14	False	
134	MH-18	175.00	48.0	175.00	168.00	0.16	0.16	21.000	168.16	Absolute	168.16	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 36.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.14	0.14	22.000	158.14	Absolute	158.14	False	
136	MH-12	130.00	48.0	130.00	123.00	0.41	0.41	21.000	123.41	Absolute	123.41	False	
137	MH-24	160.00	48.0	160.00	153.00	0.39	0.39	21.000	153.39	Absolute	153.39	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.41	0.41	21.000	108.41	Absolute	108.41	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.29	0.29	20.000	433.29	Absolute	433.29	False	
159	MH-64	420.00	48.0	420.00	413.00	0.35	0.35	21.000	413.35	Absolute	413.35	False	
173	MH-98	450.00	48.0	450.00	443.00	0.12	0.12	21.000	443.12	Absolute	443.12	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
187	MH-108	640.00	48.0	640.00	633.00	0.15	0.15	21.000	633.15	Absolute	633.15	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.38	0.38	21.000	273.38	Absolute	273.38	False	
200	MH-126	805.00	48.0	805.00	798.00	0.14	0.14	21.000	798.14	Absolute	798.14	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.30	0.30	21.000	466.84	Absolute	466.84	False	
260	MH-75	725.00	48.0	725.00	718.00	0.13	0.13	21.000	718.13	Absolute	718.13	False	

Current Time: 37.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.11	0.11	21.000	673.11	Absolute	673.11	False	
43	MH-106	605.00	48.0	605.00	598.00	0.26	0.26	21.000	598.26	Absolute	598.26	False	
45	MH-104	525.00	48.0	525.00	518.00	0.26	0.26	21.000	518.26	Absolute	518.26	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.15	0.15	21.000	773.15	Absolute	773.15	False	
54	MH-120	620.00	48.0	620.00	613.00	0.18	0.18	21.000	613.18	Absolute	613.18	False	
56	MH-116	515.00	48.0	515.00	508.00	0.36	0.36	21.000	508.36	Absolute	508.36	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.26	0.26	21.000	522.26	Absolute	522.26	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.36	0.36	21.000	418.36	Absolute	418.36	False	
75	MH-62	450.00	48.0	450.00	443.00	0.07	0.07	20.000	443.07	Absolute	443.07	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.72	0.72	20.000	413.72	Absolute	413.72	False	
85	MH-50	325.00	48.0	325.00	318.00	0.73	0.73	20.000	318.73	Absolute	318.73	False	
87	MH-48	240.00	48.0	240.00	233.00	0.80	0.80	20.000	233.80	Absolute	233.80	False	
89	MH-26	235.00	48.0	235.00	228.00	0.78	0.78	21.000	228.78	Absolute	228.78	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 37.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.09	0.09	20.000	168.09	Absolute	168.09	False	
98	MH-84	685.00	48.0	685.00	678.00	0.14	0.14	20.000	678.14	Absolute	678.14	False	
99	MH-82	655.00	48.0	655.00	648.00	0.23	0.23	21.000	648.23	Absolute	648.23	False	
100	MH-86	670.00	48.0	670.00	663.00	0.13	0.13	20.000	663.13	Absolute	663.13	False	
101	MH-80	600.00	48.0	600.00	593.00	0.28	0.28	21.000	593.28	Absolute	593.28	False	
102	MH-78	565.00	48.0	565.00	558.00	0.28	0.28	22.000	558.28	Absolute	558.28	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.16	0.16	21.000	543.16	Absolute	543.16	False	
105	MH-40	520.00	48.0	520.00	513.00	0.20	0.20	21.000	513.20	Absolute	513.20	False	
106	MH-38	500.00	48.0	500.00	493.00	0.38	0.38	21.000	493.38	Absolute	493.38	False	
109	MH-46	625.00	48.0	625.00	618.00	0.11	0.11	20.000	618.11	Absolute	618.11	False	
117	MH-88	505.00	48.0	505.00	498.00	0.26	0.26	21.000	498.26	Absolute	498.26	False	
118	MH-90	545.00	48.0	545.00	538.00	0.21	0.21	21.000	538.21	Absolute	538.21	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.10	0.10	20.000	658.10	Absolute	658.10	False	
121	MH-94	605.00	48.0	605.00	598.00	0.10	0.10	21.000	598.10	Absolute	598.10	False	
128	MH-36	455.00	48.0	455.00	448.00	0.39	0.39	21.000	448.39	Absolute	448.39	False	
129	MH-34	400.00	48.0	400.00	393.00	0.39	0.39	21.000	393.39	Absolute	393.39	False	
130	MH-32	395.00	48.0	395.00	388.00	0.38	0.38	21.000	388.38	Absolute	388.38	False	
131	MH-30	375.00	48.0	375.00	368.00	0.39	0.39	21.000	368.39	Absolute	368.39	False	
132	MH-22	300.00	48.0	300.00	293.00	0.15	0.15	20.000	293.15	Absolute	293.15	False	
133	MH-20	205.00	48.0	205.00	198.00	0.15	0.15	21.000	198.15	Absolute	198.15	False	
134	MH-18	175.00	48.0	175.00	168.00	0.17	0.17	21.000	168.17	Absolute	168.17	False	
135	MH-14	165.00	48.0	165.00	158.00	0.15	0.15	22.000	158.15	Absolute	158.15	False	
136	MH-12	130.00	48.0	130.00	123.00	0.79	0.79	21.000	123.79	Absolute	123.79	False	
137	MH-24	160.00	48.0	160.00	153.00	0.78	0.78	21.000	153.78	Absolute	153.78	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.79	0.79	21.000	108.79	Absolute	108.79	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.66	0.66	21.000	413.66	Absolute	413.66	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.15	0.15	21.000	633.15	Absolute	633.15	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.41	0.41	21.000	273.41	Absolute	273.41	False	
200	MH-126	805.00	48.0	805.00	798.00	0.14	0.14	21.000	798.14	Absolute	798.14	False	
203	MH-60	400.00	48.0	400.00	393.00	0.07	0.07	21.000	393.07	Absolute	393.07	False	
252	MH-68	473.55	48.0	473.55	466.55	0.31	0.31	21.000	466.86	Absolute	466.86	False	
260	MH-75	725.00	48.0	725.00	718.00	0.14	0.14	21.000	718.14	Absolute	718.14	False	

Current Time: 38.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 38.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.12	0.12	21.000	673.12	Absolute	673.12	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.26	0.26	21.000	518.26	Absolute	518.26	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.15	0.15	21.000	773.15	Absolute	773.15	False	
54	MH-120	620.00	48.0	620.00	613.00	0.20	0.20	21.000	613.20	Absolute	613.20	False	
56	MH-116	515.00	48.0	515.00	508.00	0.36	0.36	21.000	508.36	Absolute	508.36	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.26	0.26	21.000	522.26	Absolute	522.26	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.36	0.36	21.000	418.36	Absolute	418.36	False	
75	MH-62	450.00	48.0	450.00	443.00	0.08	0.08	20.000	443.08	Absolute	443.08	False	
76	MH-58	395.00	48.0	395.00	388.00	0.07	0.07	21.000	388.07	Absolute	388.07	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.72	0.72	20.000	413.72	Absolute	413.72	False	
85	MH-50	325.00	48.0	325.00	318.00	0.73	0.73	20.000	318.73	Absolute	318.73	False	
87	MH-48	240.00	48.0	240.00	233.00	0.80	0.80	20.000	233.80	Absolute	233.80	False	
89	MH-26	235.00	48.0	235.00	228.00	0.78	0.78	21.000	228.78	Absolute	228.78	False	
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.16	0.16	20.000	678.16	Absolute	678.16	False	
99	MH-82	655.00	48.0	655.00	648.00	0.24	0.24	21.000	648.24	Absolute	648.24	False	
100	MH-86	670.00	48.0	670.00	663.00	0.15	0.15	20.000	663.15	Absolute	663.15	False	
101	MH-80	600.00	48.0	600.00	593.00	0.29	0.29	21.000	593.29	Absolute	593.29	False	
102	MH-78	565.00	48.0	565.00	558.00	0.28	0.28	22.000	558.28	Absolute	558.28	False	
103	MH-44	590.00	48.0	590.00	583.00	0.11	0.11	21.000	583.11	Absolute	583.11	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.20	0.20	21.000	513.20	Absolute	513.20	False	
106	MH-38	500.00	48.0	500.00	493.00	0.38	0.38	21.000	493.38	Absolute	493.38	False	
109	MH-46	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
117	MH-88	505.00	48.0	505.00	498.00	0.27	0.27	21.000	498.27	Absolute	498.27	False	
118	MH-90	545.00	48.0	545.00	538.00	0.22	0.22	21.000	538.22	Absolute	538.22	False	
119	MH-92	585.00	48.0	585.00	578.00	0.17	0.17	21.000	578.17	Absolute	578.17	False	
120	MH-96	665.00	48.0	665.00	658.00	0.11	0.11	20.000	658.11	Absolute	658.11	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.40	0.40	21.000	448.40	Absolute	448.40	False	
129	MH-34	400.00	48.0	400.00	393.00	0.39	0.39	21.000	393.39	Absolute	393.39	False	
130	MH-32	395.00	48.0	395.00	388.00	0.39	0.39	21.000	388.39	Absolute	388.39	False	
131	MH-30	375.00	48.0	375.00	368.00	0.39	0.39	21.000	368.39	Absolute	368.39	False	
132	MH-22	300.00	48.0	300.00	293.00	0.16	0.16	20.000	293.16	Absolute	293.16	False	
133	MH-20	205.00	48.0	205.00	198.00	0.15	0.15	21.000	198.15	Absolute	198.15	False	
134	MH-18	175.00	48.0	175.00	168.00	0.17	0.17	21.000	168.17	Absolute	168.17	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 38.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.15	0.15	22.000	158.15	Absolute	158.15	False	
136	MH-12	130.00	48.0	130.00	123.00	0.79	0.79	21.000	123.79	Absolute	123.79	False	
137	MH-24	160.00	48.0	160.00	153.00	0.78	0.78	21.000	153.78	Absolute	153.78	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.79	0.79	21.000	108.79	Absolute	108.79	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.66	0.66	21.000	413.66	Absolute	413.66	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.41	0.41	21.000	273.41	Absolute	273.41	False	
200	MH-126	805.00	48.0	805.00	798.00	0.15	0.15	21.000	798.15	Absolute	798.15	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.31	0.31	21.000	466.86	Absolute	466.86	False	
260	MH-75	725.00	48.0	725.00	718.00	0.14	0.14	21.000	718.14	Absolute	718.14	False	

Current Time: 39.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.05	0.05	20.000	788.05	Absolute	788.05	False	
41	MH-110	680.00	48.0	680.00	673.00	0.12	0.12	21.000	673.12	Absolute	673.12	False	
43	MH-106	605.00	48.0	605.00	598.00	0.27	0.27	21.000	598.27	Absolute	598.27	False	
45	MH-104	525.00	48.0	525.00	518.00	0.27	0.27	21.000	518.27	Absolute	518.27	False	
47	MH-100	510.00	48.0	510.00	503.00	0.13	0.13	20.000	503.13	Absolute	503.13	False	
49	MH-128	840.00	48.0	840.00	833.00	0.04	0.04	20.000	833.04	Absolute	833.04	False	
50	MH-124	780.00	48.0	780.00	773.00	0.16	0.16	21.000	773.16	Absolute	773.16	False	
54	MH-120	620.00	48.0	620.00	613.00	0.21	0.21	21.000	613.21	Absolute	613.21	False	
56	MH-116	515.00	48.0	515.00	508.00	0.39	0.39	21.000	508.39	Absolute	508.39	False	
59	MH-74	625.00	48.0	625.00	618.00	0.23	0.23	20.000	618.23	Absolute	618.23	False	
60	MH-72	529.00	48.0	529.00	522.00	0.27	0.27	21.000	522.27	Absolute	522.27	False	
62	MH-70	515.00	48.0	515.00	508.00	0.29	0.29	21.000	508.29	Absolute	508.29	False	
64	MH-75	620.00	48.0	620.00	613.00	0.16	0.16	20.000	613.16	Absolute	613.16	False	
67	MH-66	425.00	48.0	425.00	418.00	0.37	0.37	21.000	418.37	Absolute	418.37	False	
75	MH-62	450.00	48.0	450.00	443.00	0.08	0.08	20.000	443.08	Absolute	443.08	False	
76	MH-58	395.00	48.0	395.00	388.00	0.08	0.08	21.000	388.08	Absolute	388.08	False	
80	MH-54	435.00	48.0	435.00	428.00	0.05	0.05	20.000	428.05	Absolute	428.05	False	
83	MH-52	420.00	48.0	420.00	413.00	0.39	0.39	20.000	413.39	Absolute	413.39	False	
85	MH-50	325.00	48.0	325.00	318.00	0.60	0.60	20.000	318.60	Absolute	318.60	False	
87	MH-48	240.00	48.0	240.00	233.00	0.72	0.72	20.000	233.72	Absolute	233.72	False	
89	MH-26	235.00	48.0	235.00	228.00	0.80	0.80	21.000	228.80	Absolute	228.80	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 39.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.85	0.85	20.000	93.85	Absolute	93.85	False	
93	MH-4	105.00	48.0	105.00	98.00	0.08	0.08	20.000	98.08	Absolute	98.08	False	
94	MH-6	175.00	48.0	175.00	168.00	0.10	0.10	20.000	168.10	Absolute	168.10	False	
98	MH-84	685.00	48.0	685.00	678.00	0.16	0.16	20.000	678.16	Absolute	678.16	False	
99	MH-82	655.00	48.0	655.00	648.00	0.25	0.25	21.000	648.25	Absolute	648.25	False	
100	MH-86	670.00	48.0	670.00	663.00	0.15	0.15	20.000	663.15	Absolute	663.15	False	
101	MH-80	600.00	48.0	600.00	593.00	0.30	0.30	21.000	593.30	Absolute	593.30	False	
102	MH-78	565.00	48.0	565.00	558.00	0.30	0.30	22.000	558.30	Absolute	558.30	False	
103	MH-44	590.00	48.0	590.00	583.00	0.12	0.12	21.000	583.12	Absolute	583.12	False	
104	MH-42	550.00	48.0	550.00	543.00	0.18	0.18	21.000	543.18	Absolute	543.18	False	
105	MH-40	520.00	48.0	520.00	513.00	0.21	0.21	21.000	513.21	Absolute	513.21	False	
106	MH-38	500.00	48.0	500.00	493.00	0.41	0.41	21.000	493.41	Absolute	493.41	False	
109	MH-46	625.00	48.0	625.00	618.00	0.12	0.12	20.000	618.12	Absolute	618.12	False	
117	MH-88	505.00	48.0	505.00	498.00	0.29	0.29	21.000	498.29	Absolute	498.29	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.18	0.18	21.000	578.18	Absolute	578.18	False	
120	MH-96	665.00	48.0	665.00	658.00	0.11	0.11	20.000	658.11	Absolute	658.11	False	
121	MH-94	605.00	48.0	605.00	598.00	0.11	0.11	21.000	598.11	Absolute	598.11	False	
128	MH-36	455.00	48.0	455.00	448.00	0.43	0.43	21.000	448.43	Absolute	448.43	False	
129	MH-34	400.00	48.0	400.00	393.00	0.43	0.43	21.000	393.43	Absolute	393.43	False	
130	MH-32	395.00	48.0	395.00	388.00	0.42	0.42	21.000	388.42	Absolute	388.42	False	
131	MH-30	375.00	48.0	375.00	368.00	0.43	0.43	21.000	368.43	Absolute	368.43	False	
132	MH-22	300.00	48.0	300.00	293.00	0.16	0.16	20.000	293.16	Absolute	293.16	False	
133	MH-20	205.00	48.0	205.00	198.00	0.16	0.16	21.000	198.16	Absolute	198.16	False	
134	MH-18	175.00	48.0	175.00	168.00	0.18	0.18	21.000	168.18	Absolute	168.18	False	
135	MH-14	165.00	48.0	165.00	158.00	0.16	0.16	22.000	158.16	Absolute	158.16	False	
136	MH-12	130.00	48.0	130.00	123.00	0.81	0.81	21.000	123.81	Absolute	123.81	False	
137	MH-24	160.00	48.0	160.00	153.00	0.80	0.80	21.000	153.80	Absolute	153.80	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.81	0.81	21.000	108.81	Absolute	108.81	False	
157	MH-102	500.00	48.0	500.00	493.00	0.10	0.10	20.000	493.10	Absolute	493.10	False	
158	MH-65	440.00	48.0	440.00	433.00	0.53	0.53	20.000	433.53	Absolute	433.53	False	
159	MH-64	420.00	48.0	420.00	413.00	0.64	0.64	21.000	413.64	Absolute	413.64	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.27	0.27	21.000	578.27	Absolute	578.27	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.44	0.44	21.000	273.44	Absolute	273.44	False	
200	MH-126	805.00	48.0	805.00	798.00	0.15	0.15	21.000	798.15	Absolute	798.15	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.32	0.32	21.000	466.87	Absolute	466.87	False	
260	MH-75	725.00	48.0	725.00	718.00	0.15	0.15	21.000	718.15	Absolute	718.15	False	

Current Time: 40.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.13	0.13	21.000	673.13	Absolute	673.13	False	
43	MH-106	605.00	48.0	605.00	598.00	0.30	0.30	21.000	598.30	Absolute	598.30	False	
45	MH-104	525.00	48.0	525.00	518.00	0.28	0.28	21.000	518.28	Absolute	518.28	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.17	0.17	21.000	773.17	Absolute	773.17	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.39	0.39	21.000	508.39	Absolute	508.39	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.27	0.27	21.000	522.27	Absolute	522.27	False	
62	MH-70	515.00	48.0	515.00	508.00	0.30	0.30	21.000	508.30	Absolute	508.30	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.38	0.38	21.000	418.38	Absolute	418.38	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.08	0.08	21.000	388.08	Absolute	388.08	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.16	0.16	20.000	413.16	Absolute	413.16	False	
85	MH-50	325.00	48.0	325.00	318.00	0.21	0.21	20.000	318.21	Absolute	318.21	False	
87	MH-48	240.00	48.0	240.00	233.00	0.22	0.22	20.000	233.22	Absolute	233.22	False	
89	MH-26	235.00	48.0	235.00	228.00	0.46	0.46	21.000	228.46	Absolute	228.46	False	
92	MH-2	100.00	48.0	100.00	93.00	0.07	0.07	20.000	93.07	Absolute	93.07	False	
93	MH-4	105.00	48.0	105.00	98.00	0.08	0.08	20.000	98.08	Absolute	98.08	False	
94	MH-6	175.00	48.0	175.00	168.00	0.11	0.11	20.000	168.11	Absolute	168.11	False	
98	MH-84	685.00	48.0	685.00	678.00	0.18	0.18	20.000	678.18	Absolute	678.18	False	
99	MH-82	655.00	48.0	655.00	648.00	0.27	0.27	21.000	648.27	Absolute	648.27	False	
100	MH-86	670.00	48.0	670.00	663.00	0.17	0.17	20.000	663.17	Absolute	663.17	False	
101	MH-80	600.00	48.0	600.00	593.00	0.33	0.33	21.000	593.33	Absolute	593.33	False	
102	MH-78	565.00	48.0	565.00	558.00	0.30	0.30	22.000	558.30	Absolute	558.30	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.19	0.19	21.000	543.19	Absolute	543.19	False	
105	MH-40	520.00	48.0	520.00	513.00	0.22	0.22	21.000	513.22	Absolute	513.22	False	
106	MH-38	500.00	48.0	500.00	493.00	0.42	0.42	21.000	493.42	Absolute	493.42	False	
109	MH-46	625.00	48.0	625.00	618.00	0.14	0.14	20.000	618.14	Absolute	618.14	False	
117	MH-88	505.00	48.0	505.00	498.00	0.31	0.31	21.000	498.31	Absolute	498.31	False	
118	MH-90	545.00	48.0	545.00	538.00	0.25	0.25	21.000	538.25	Absolute	538.25	False	
119	MH-92	585.00	48.0	585.00	578.00	0.20	0.20	21.000	578.20	Absolute	578.20	False	
120	MH-96	665.00	48.0	665.00	658.00	0.13	0.13	20.000	658.13	Absolute	658.13	False	
121	MH-94	605.00	48.0	605.00	598.00	0.12	0.12	21.000	598.12	Absolute	598.12	False	
128	MH-36	455.00	48.0	455.00	448.00	0.43	0.43	21.000	448.43	Absolute	448.43	False	
129	MH-34	400.00	48.0	400.00	393.00	0.43	0.43	21.000	393.43	Absolute	393.43	False	
130	MH-32	395.00	48.0	395.00	388.00	0.42	0.42	21.000	388.42	Absolute	388.42	False	
131	MH-30	375.00	48.0	375.00	368.00	0.43	0.43	21.000	368.43	Absolute	368.43	False	
132	MH-22	300.00	48.0	300.00	293.00	0.19	0.19	20.000	293.19	Absolute	293.19	False	
133	MH-20	205.00	48.0	205.00	198.00	0.17	0.17	21.000	198.17	Absolute	198.17	False	
134	MH-18	175.00	48.0	175.00	168.00	0.19	0.19	21.000	168.19	Absolute	168.19	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.16	0.16	22.000	158.16	Absolute	158.16	False	
136	MH-12	130.00	48.0	130.00	123.00	0.48	0.48	21.000	123.48	Absolute	123.48	False	
137	MH-24	160.00	48.0	160.00	153.00	0.46	0.46	21.000	153.46	Absolute	153.46	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.48	0.48	21.000	108.48	Absolute	108.48	False	
157	MH-102	500.00	48.0	500.00	493.00	0.11	0.11	20.000	493.11	Absolute	493.11	False	
158	MH-65	440.00	48.0	440.00	433.00	0.10	0.10	20.000	433.10	Absolute	433.10	False	
159	MH-64	420.00	48.0	420.00	413.00	0.36	0.36	21.000	413.36	Absolute	413.36	False	
173	MH-98	450.00	48.0	450.00	443.00	0.13	0.13	21.000	443.13	Absolute	443.13	False	
180	MH-112	750.00	48.0	750.00	743.00	0.05	0.05	21.000	743.05	Absolute	743.05	False	
183	MH-118	585.00	48.0	585.00	578.00	0.29	0.29	21.000	578.29	Absolute	578.29	False	
187	MH-108	640.00	48.0	640.00	633.00	0.18	0.18	21.000	633.18	Absolute	633.18	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.45	0.45	21.000	273.45	Absolute	273.45	False	
200	MH-126	805.00	48.0	805.00	798.00	0.17	0.17	21.000	798.17	Absolute	798.17	False	
203	MH-60	400.00	48.0	400.00	393.00	0.08	0.08	21.000	393.08	Absolute	393.08	False	
252	MH-68	473.55	48.0	473.55	466.55	0.33	0.33	21.000	466.87	Absolute	466.87	False	
260	MH-75	725.00	48.0	725.00	718.00	0.15	0.15	21.000	718.15	Absolute	718.15	False	

Current Time: 41.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.06	0.06	20.000	788.06	Absolute	788.06	False	
41	MH-110	680.00	48.0	680.00	673.00	0.14	0.14	21.000	673.14	Absolute	673.14	False	
43	MH-106	605.00	48.0	605.00	598.00	0.31	0.31	21.000	598.31	Absolute	598.31	False	
45	MH-104	525.00	48.0	525.00	518.00	0.31	0.31	21.000	518.31	Absolute	518.31	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.24	0.24	21.000	613.24	Absolute	613.24	False	
56	MH-116	515.00	48.0	515.00	508.00	0.45	0.45	21.000	508.45	Absolute	508.45	False	
59	MH-74	625.00	48.0	625.00	618.00	0.26	0.26	20.000	618.26	Absolute	618.26	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.33	0.33	21.000	508.33	Absolute	508.33	False	
64	MH-75	620.00	48.0	620.00	613.00	0.18	0.18	20.000	613.18	Absolute	613.18	False	
67	MH-66	425.00	48.0	425.00	418.00	0.42	0.42	21.000	418.42	Absolute	418.42	False	
75	MH-62	450.00	48.0	450.00	443.00	0.09	0.09	20.000	443.09	Absolute	443.09	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.06	0.06	20.000	428.06	Absolute	428.06	False	
83	MH-52	420.00	48.0	420.00	413.00	0.17	0.17	20.000	413.17	Absolute	413.17	False	
85	MH-50	325.00	48.0	325.00	318.00	0.22	0.22	20.000	318.22	Absolute	318.22	False	
87	MH-48	240.00	48.0	240.00	233.00	0.23	0.23	20.000	233.23	Absolute	233.23	False	
89	MH-26	235.00	48.0	235.00	228.00	0.52	0.52	21.000	228.52	Absolute	228.52	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 41.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.08	0.08	20.000	93.08	Absolute	93.08	False	
93	MH-4	105.00	48.0	105.00	98.00	0.09	0.09	20.000	98.09	Absolute	98.09	False	
94	MH-6	175.00	48.0	175.00	168.00	0.11	0.11	20.000	168.11	Absolute	168.11	False	
98	MH-84	685.00	48.0	685.00	678.00	0.18	0.18	20.000	678.18	Absolute	678.18	False	
99	MH-82	655.00	48.0	655.00	648.00	0.29	0.29	21.000	648.29	Absolute	648.29	False	
100	MH-86	670.00	48.0	670.00	663.00	0.17	0.17	20.000	663.17	Absolute	663.17	False	
101	MH-80	600.00	48.0	600.00	593.00	0.35	0.35	21.000	593.35	Absolute	593.35	False	
102	MH-78	565.00	48.0	565.00	558.00	0.35	0.35	22.000	558.35	Absolute	558.35	False	
103	MH-44	590.00	48.0	590.00	583.00	0.14	0.14	21.000	583.14	Absolute	583.14	False	
104	MH-42	550.00	48.0	550.00	543.00	0.21	0.21	21.000	543.21	Absolute	543.21	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.48	0.48	21.000	493.48	Absolute	493.48	False	
109	MH-46	625.00	48.0	625.00	618.00	0.14	0.14	20.000	618.14	Absolute	618.14	False	
117	MH-88	505.00	48.0	505.00	498.00	0.34	0.34	21.000	498.34	Absolute	498.34	False	
118	MH-90	545.00	48.0	545.00	538.00	0.27	0.27	21.000	538.27	Absolute	538.27	False	
119	MH-92	585.00	48.0	585.00	578.00	0.21	0.21	21.000	578.21	Absolute	578.21	False	
120	MH-96	665.00	48.0	665.00	658.00	0.13	0.13	20.000	658.13	Absolute	658.13	False	
121	MH-94	605.00	48.0	605.00	598.00	0.13	0.13	21.000	598.13	Absolute	598.13	False	
128	MH-36	455.00	48.0	455.00	448.00	0.50	0.50	21.000	448.50	Absolute	448.50	False	
129	MH-34	400.00	48.0	400.00	393.00	0.50	0.50	21.000	393.50	Absolute	393.50	False	
130	MH-32	395.00	48.0	395.00	388.00	0.49	0.49	21.000	388.49	Absolute	388.49	False	
131	MH-30	375.00	48.0	375.00	368.00	0.50	0.50	21.000	368.50	Absolute	368.50	False	
132	MH-22	300.00	48.0	300.00	293.00	0.19	0.19	20.000	293.19	Absolute	293.19	False	
133	MH-20	205.00	48.0	205.00	198.00	0.19	0.19	21.000	198.19	Absolute	198.19	False	
134	MH-18	175.00	48.0	175.00	168.00	0.21	0.21	21.000	168.21	Absolute	168.21	False	
135	MH-14	165.00	48.0	165.00	158.00	0.19	0.19	22.000	158.19	Absolute	158.19	False	
136	MH-12	130.00	48.0	130.00	123.00	0.55	0.55	21.000	123.55	Absolute	123.55	False	
137	MH-24	160.00	48.0	160.00	153.00	0.52	0.52	21.000	153.52	Absolute	153.52	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.55	0.55	21.000	108.55	Absolute	108.55	False	
157	MH-102	500.00	48.0	500.00	493.00	0.11	0.11	20.000	493.11	Absolute	493.11	False	
158	MH-65	440.00	48.0	440.00	433.00	0.11	0.11	20.000	433.11	Absolute	433.11	False	
159	MH-64	420.00	48.0	420.00	413.00	0.40	0.40	21.000	413.40	Absolute	413.40	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.19	0.19	21.000	633.19	Absolute	633.19	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.51	0.51	21.000	273.51	Absolute	273.51	False	
200	MH-126	805.00	48.0	805.00	798.00	0.18	0.18	21.000	798.18	Absolute	798.18	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.36	0.36	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.18	0.18	21.000	718.18	Absolute	718.18	False	

Current Time: 42.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 42.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.32	0.32	21.000	598.32	Absolute	598.32	False	
45	MH-104	525.00	48.0	525.00	518.00	0.32	0.32	21.000	518.32	Absolute	518.32	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.23	0.23	21.000	613.23	Absolute	613.23	False	
56	MH-116	515.00	48.0	515.00	508.00	0.45	0.45	21.000	508.45	Absolute	508.45	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.34	0.34	21.000	508.34	Absolute	508.34	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.42	0.42	21.000	418.42	Absolute	418.42	False	
75	MH-62	450.00	48.0	450.00	443.00	0.11	0.11	20.000	443.11	Absolute	443.11	False	
76	MH-58	395.00	48.0	395.00	388.00	0.09	0.09	21.000	388.09	Absolute	388.09	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.63	0.63	20.000	413.63	Absolute	413.63	False	
85	MH-50	325.00	48.0	325.00	318.00	0.47	0.47	20.000	318.47	Absolute	318.47	False	
87	MH-48	240.00	48.0	240.00	233.00	0.39	0.39	20.000	233.39	Absolute	233.39	False	
89	MH-26	235.00	48.0	235.00	228.00	0.53	0.53	21.000	228.53	Absolute	228.53	False	
92	MH-2	100.00	48.0	100.00	93.00	0.27	0.27	20.000	93.27	Absolute	93.27	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.13	0.13	20.000	168.13	Absolute	168.13	False	
98	MH-84	685.00	48.0	685.00	678.00	0.21	0.21	20.000	678.21	Absolute	678.21	False	
99	MH-82	655.00	48.0	655.00	648.00	0.31	0.31	21.000	648.31	Absolute	648.31	False	
100	MH-86	670.00	48.0	670.00	663.00	0.20	0.20	20.000	663.20	Absolute	663.20	False	
101	MH-80	600.00	48.0	600.00	593.00	0.38	0.38	21.000	593.38	Absolute	593.38	False	
102	MH-78	565.00	48.0	565.00	558.00	0.35	0.35	22.000	558.35	Absolute	558.35	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.22	0.22	21.000	543.22	Absolute	543.22	False	
105	MH-40	520.00	48.0	520.00	513.00	0.25	0.25	21.000	513.25	Absolute	513.25	False	
106	MH-38	500.00	48.0	500.00	493.00	0.48	0.48	21.000	493.48	Absolute	493.48	False	
109	MH-46	625.00	48.0	625.00	618.00	0.16	0.16	20.000	618.16	Absolute	618.16	False	
117	MH-88	505.00	48.0	505.00	498.00	0.36	0.36	21.000	498.36	Absolute	498.36	False	
118	MH-90	545.00	48.0	545.00	538.00	0.29	0.29	21.000	538.29	Absolute	538.29	False	
119	MH-92	585.00	48.0	585.00	578.00	0.23	0.23	21.000	578.23	Absolute	578.23	False	
120	MH-96	665.00	48.0	665.00	658.00	0.15	0.15	20.000	658.15	Absolute	658.15	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.50	0.50	21.000	448.50	Absolute	448.50	False	
129	MH-34	400.00	48.0	400.00	393.00	0.50	0.50	21.000	393.50	Absolute	393.50	False	
130	MH-32	395.00	48.0	395.00	388.00	0.49	0.49	21.000	388.49	Absolute	388.49	False	
131	MH-30	375.00	48.0	375.00	368.00	0.50	0.50	21.000	368.50	Absolute	368.50	False	
132	MH-22	300.00	48.0	300.00	293.00	0.22	0.22	20.000	293.22	Absolute	293.22	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.22	0.22	21.000	168.22	Absolute	168.22	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 42.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.19	0.19	22.000	158.19	Absolute	158.19	False	
136	MH-12	130.00	48.0	130.00	123.00	0.55	0.55	21.000	123.55	Absolute	123.55	False	
137	MH-24	160.00	48.0	160.00	153.00	0.53	0.53	21.000	153.53	Absolute	153.53	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.55	0.55	21.000	108.55	Absolute	108.55	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.30	0.30	20.000	433.30	Absolute	433.30	False	
159	MH-64	420.00	48.0	420.00	413.00	0.44	0.44	21.000	413.44	Absolute	413.44	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.06	0.06	21.000	743.06	Absolute	743.06	False	
183	MH-118	585.00	48.0	585.00	578.00	0.33	0.33	21.000	578.33	Absolute	578.33	False	
187	MH-108	640.00	48.0	640.00	633.00	0.21	0.21	21.000	633.21	Absolute	633.21	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.52	0.52	21.000	273.52	Absolute	273.52	False	
200	MH-126	805.00	48.0	805.00	798.00	0.20	0.20	21.000	798.20	Absolute	798.20	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.37	0.37	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.18	0.18	21.000	718.18	Absolute	718.18	False	

Current Time: 43.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.16	0.16	21.000	673.16	Absolute	673.16	False	
43	MH-106	605.00	48.0	605.00	598.00	0.34	0.34	21.000	598.34	Absolute	598.34	False	
45	MH-104	525.00	48.0	525.00	518.00	0.34	0.34	21.000	518.34	Absolute	518.34	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.06	0.06	20.000	833.06	Absolute	833.06	False	
50	MH-124	780.00	48.0	780.00	773.00	0.22	0.22	21.000	773.22	Absolute	773.22	False	
54	MH-120	620.00	48.0	620.00	613.00	0.25	0.25	21.000	613.25	Absolute	613.25	False	
56	MH-116	515.00	48.0	515.00	508.00	0.49	0.49	21.000	508.49	Absolute	508.49	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.44	0.44	21.000	418.44	Absolute	418.44	False	
75	MH-62	450.00	48.0	450.00	443.00	0.11	0.11	20.000	443.11	Absolute	443.11	False	
76	MH-58	395.00	48.0	395.00	388.00	0.11	0.11	21.000	388.11	Absolute	388.11	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.73	0.73	20.000	413.73	Absolute	413.73	False	
85	MH-50	325.00	48.0	325.00	318.00	0.75	0.75	20.000	318.75	Absolute	318.75	False	
87	MH-48	240.00	48.0	240.00	233.00	0.82	0.82	20.000	233.82	Absolute	233.82	False	
89	MH-26	235.00	48.0	235.00	228.00	0.89	0.89	21.000	228.89	Absolute	228.89	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 43.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.13	0.13	20.000	168.13	Absolute	168.13	False	
98	MH-84	685.00	48.0	685.00	678.00	0.21	0.21	20.000	678.21	Absolute	678.21	False	
99	MH-82	655.00	48.0	655.00	648.00	0.34	0.34	21.000	648.34	Absolute	648.34	False	
100	MH-86	670.00	48.0	670.00	663.00	0.20	0.20	20.000	663.20	Absolute	663.20	False	
101	MH-80	600.00	48.0	600.00	593.00	0.41	0.41	21.000	593.41	Absolute	593.41	False	
102	MH-78	565.00	48.0	565.00	558.00	0.41	0.41	22.000	558.41	Absolute	558.41	False	
103	MH-44	590.00	48.0	590.00	583.00	0.16	0.16	21.000	583.16	Absolute	583.16	False	
104	MH-42	550.00	48.0	550.00	543.00	0.24	0.24	21.000	543.24	Absolute	543.24	False	
105	MH-40	520.00	48.0	520.00	513.00	0.27	0.27	21.000	513.27	Absolute	513.27	False	
106	MH-38	500.00	48.0	500.00	493.00	0.55	0.55	21.000	493.55	Absolute	493.55	False	
109	MH-46	625.00	48.0	625.00	618.00	0.16	0.16	20.000	618.16	Absolute	618.16	False	
117	MH-88	505.00	48.0	505.00	498.00	0.39	0.39	21.000	498.39	Absolute	498.39	False	
118	MH-90	545.00	48.0	545.00	538.00	0.31	0.31	21.000	538.31	Absolute	538.31	False	
119	MH-92	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
120	MH-96	665.00	48.0	665.00	658.00	0.15	0.15	20.000	658.15	Absolute	658.15	False	
121	MH-94	605.00	48.0	605.00	598.00	0.15	0.15	21.000	598.15	Absolute	598.15	False	
128	MH-36	455.00	48.0	455.00	448.00	0.57	0.57	21.000	448.57	Absolute	448.57	False	
129	MH-34	400.00	48.0	400.00	393.00	0.57	0.57	21.000	393.57	Absolute	393.57	False	
130	MH-32	395.00	48.0	395.00	388.00	0.55	0.55	21.000	388.55	Absolute	388.55	False	
131	MH-30	375.00	48.0	375.00	368.00	0.56	0.56	21.000	368.56	Absolute	368.56	False	
132	MH-22	300.00	48.0	300.00	293.00	0.22	0.22	20.000	293.22	Absolute	293.22	False	
133	MH-20	205.00	48.0	205.00	198.00	0.22	0.22	21.000	198.22	Absolute	198.22	False	
134	MH-18	175.00	48.0	175.00	168.00	0.25	0.25	21.000	168.25	Absolute	168.25	False	
135	MH-14	165.00	48.0	165.00	158.00	0.22	0.22	22.000	158.22	Absolute	158.22	False	
136	MH-12	130.00	48.0	130.00	123.00	0.91	0.91	21.000	123.91	Absolute	123.91	False	
137	MH-24	160.00	48.0	160.00	153.00	0.89	0.89	21.000	153.89	Absolute	153.89	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.91	0.91	21.000	108.91	Absolute	108.91	False	
157	MH-102	500.00	48.0	500.00	493.00	0.60	0.60	20.000	493.60	Absolute	493.60	False	
158	MH-65	440.00	48.0	440.00	433.00	0.60	0.60	20.000	433.60	Absolute	433.60	False	
159	MH-64	420.00	48.0	420.00	413.00	0.71	0.71	21.000	413.71	Absolute	413.71	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.34	0.34	21.000	578.34	Absolute	578.34	False	
187	MH-108	640.00	48.0	640.00	633.00	0.22	0.22	21.000	633.22	Absolute	633.22	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.59	0.59	21.000	273.59	Absolute	273.59	False	
200	MH-126	805.00	48.0	805.00	798.00	0.20	0.20	21.000	798.20	Absolute	798.20	False	
203	MH-60	400.00	48.0	400.00	393.00	0.11	0.11	21.000	393.11	Absolute	393.11	False	
252	MH-68	473.55	48.0	473.55	466.55	0.38	0.38	21.000	466.92	Absolute	466.92	False	
260	MH-75	725.00	48.0	725.00	718.00	0.20	0.20	21.000	718.20	Absolute	718.20	False	

Current Time: 44.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 44.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.09	0.09	20.000	788.09	Absolute	788.09	False	
41	MH-110	680.00	48.0	680.00	673.00	0.18	0.18	21.000	673.18	Absolute	673.18	False	
43	MH-106	605.00	48.0	605.00	598.00	0.38	0.38	21.000	598.38	Absolute	598.38	False	
45	MH-104	525.00	48.0	525.00	518.00	0.35	0.35	21.000	518.35	Absolute	518.35	False	
47	MH-100	510.00	48.0	510.00	503.00	0.18	0.18	20.000	503.18	Absolute	503.18	False	
49	MH-128	840.00	48.0	840.00	833.00	0.07	0.07	20.000	833.07	Absolute	833.07	False	
50	MH-124	780.00	48.0	780.00	773.00	0.22	0.22	21.000	773.22	Absolute	773.22	False	
54	MH-120	620.00	48.0	620.00	613.00	0.25	0.25	21.000	613.25	Absolute	613.25	False	
56	MH-116	515.00	48.0	515.00	508.00	0.50	0.50	21.000	508.50	Absolute	508.50	False	
59	MH-74	625.00	48.0	625.00	618.00	0.32	0.32	20.000	618.32	Absolute	618.32	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.22	0.22	20.000	613.22	Absolute	613.22	False	
67	MH-66	425.00	48.0	425.00	418.00	0.44	0.44	21.000	418.44	Absolute	418.44	False	
75	MH-62	450.00	48.0	450.00	443.00	0.13	0.13	20.000	443.13	Absolute	443.13	False	
76	MH-58	395.00	48.0	395.00	388.00	0.11	0.11	21.000	388.11	Absolute	388.11	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.74	0.74	20.000	413.74	Absolute	413.74	False	
85	MH-50	325.00	48.0	325.00	318.00	0.76	0.76	20.000	318.76	Absolute	318.76	False	
87	MH-48	240.00	48.0	240.00	233.00	0.83	0.83	20.000	233.83	Absolute	233.83	False	
89	MH-26	235.00	48.0	235.00	228.00	0.90	0.90	21.000	228.90	Absolute	228.90	False	
92	MH-2	100.00	48.0	100.00	93.00	0.89	0.89	20.000	93.89	Absolute	93.89	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.15	0.15	20.000	168.15	Absolute	168.15	False	
98	MH-84	685.00	48.0	685.00	678.00	0.25	0.25	20.000	678.25	Absolute	678.25	False	
99	MH-82	655.00	48.0	655.00	648.00	0.37	0.37	21.000	648.37	Absolute	648.37	False	
100	MH-86	670.00	48.0	670.00	663.00	0.24	0.24	20.000	663.24	Absolute	663.24	False	
101	MH-80	600.00	48.0	600.00	593.00	0.44	0.44	21.000	593.44	Absolute	593.44	False	
102	MH-78	565.00	48.0	565.00	558.00	0.41	0.41	22.000	558.41	Absolute	558.41	False	
103	MH-44	590.00	48.0	590.00	583.00	0.17	0.17	21.000	583.17	Absolute	583.17	False	
104	MH-42	550.00	48.0	550.00	543.00	0.26	0.26	21.000	543.26	Absolute	543.26	False	
105	MH-40	520.00	48.0	520.00	513.00	0.28	0.28	21.000	513.28	Absolute	513.28	False	
106	MH-38	500.00	48.0	500.00	493.00	0.55	0.55	21.000	493.55	Absolute	493.55	False	
109	MH-46	625.00	48.0	625.00	618.00	0.19	0.19	20.000	618.19	Absolute	618.19	False	
117	MH-88	505.00	48.0	505.00	498.00	0.43	0.43	21.000	498.43	Absolute	498.43	False	
118	MH-90	545.00	48.0	545.00	538.00	0.34	0.34	21.000	538.34	Absolute	538.34	False	
119	MH-92	585.00	48.0	585.00	578.00	0.27	0.27	21.000	578.27	Absolute	578.27	False	
120	MH-96	665.00	48.0	665.00	658.00	0.18	0.18	20.000	658.18	Absolute	658.18	False	
121	MH-94	605.00	48.0	605.00	598.00	0.16	0.16	21.000	598.16	Absolute	598.16	False	
128	MH-36	455.00	48.0	455.00	448.00	0.58	0.58	21.000	448.58	Absolute	448.58	False	
129	MH-34	400.00	48.0	400.00	393.00	0.57	0.57	21.000	393.57	Absolute	393.57	False	
130	MH-32	395.00	48.0	395.00	388.00	0.56	0.56	21.000	388.56	Absolute	388.56	False	
131	MH-30	375.00	48.0	375.00	368.00	0.57	0.57	21.000	368.57	Absolute	368.57	False	
132	MH-22	300.00	48.0	300.00	293.00	0.26	0.26	20.000	293.26	Absolute	293.26	False	
133	MH-20	205.00	48.0	205.00	198.00	0.23	0.23	21.000	198.23	Absolute	198.23	False	
134	MH-18	175.00	48.0	175.00	168.00	0.26	0.26	21.000	168.26	Absolute	168.26	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 44.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.22	0.22	22.000	158.22	Absolute	158.22	False	
136	MH-12	130.00	48.0	130.00	123.00	0.91	0.91	21.000	123.91	Absolute	123.91	False	
137	MH-24	160.00	48.0	160.00	153.00	0.90	0.90	21.000	153.90	Absolute	153.90	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.91	0.91	21.000	108.91	Absolute	108.91	False	
157	MH-102	500.00	48.0	500.00	493.00	0.61	0.61	20.000	493.61	Absolute	493.61	False	
158	MH-65	440.00	48.0	440.00	433.00	0.61	0.61	20.000	433.61	Absolute	433.61	False	
159	MH-64	420.00	48.0	420.00	413.00	0.71	0.71	21.000	413.71	Absolute	413.71	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.37	0.37	21.000	578.37	Absolute	578.37	False	
187	MH-108	640.00	48.0	640.00	633.00	0.24	0.24	21.000	633.24	Absolute	633.24	False	
190	MH-76	535.00	48.0	535.00	528.00	0.22	0.22	20.000	528.22	Absolute	528.22	False	
196	MH-28	280.00	48.0	280.00	273.00	0.60	0.60	21.000	273.60	Absolute	273.60	False	
200	MH-126	805.00	48.0	805.00	798.00	0.24	0.24	21.000	798.24	Absolute	798.24	False	
203	MH-60	400.00	48.0	400.00	393.00	0.11	0.11	21.000	393.11	Absolute	393.11	False	
252	MH-68	473.55	48.0	473.55	466.55	0.39	0.39	21.000	466.93	Absolute	466.93	False	
260	MH-75	725.00	48.0	725.00	718.00	0.20	0.20	21.000	718.20	Absolute	718.20	False	

Current Time: 45.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.09	0.09	20.000	788.09	Absolute	788.09	False	
41	MH-110	680.00	48.0	680.00	673.00	0.19	0.19	21.000	673.19	Absolute	673.19	False	
43	MH-106	605.00	48.0	605.00	598.00	0.40	0.40	21.000	598.40	Absolute	598.40	False	
45	MH-104	525.00	48.0	525.00	518.00	0.40	0.40	21.000	518.40	Absolute	518.40	False	
47	MH-100	510.00	48.0	510.00	503.00	0.18	0.18	20.000	503.18	Absolute	503.18	False	
49	MH-128	840.00	48.0	840.00	833.00	0.07	0.07	20.000	833.07	Absolute	833.07	False	
50	MH-124	780.00	48.0	780.00	773.00	0.26	0.26	21.000	773.26	Absolute	773.26	False	
54	MH-120	620.00	48.0	620.00	613.00	0.29	0.29	21.000	613.29	Absolute	613.29	False	
56	MH-116	515.00	48.0	515.00	508.00	0.57	0.57	21.000	508.57	Absolute	508.57	False	
59	MH-74	625.00	48.0	625.00	618.00	0.32	0.32	20.000	618.32	Absolute	618.32	False	
60	MH-72	529.00	48.0	529.00	522.00	0.37	0.37	21.000	522.37	Absolute	522.37	False	
62	MH-70	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
64	MH-75	620.00	48.0	620.00	613.00	0.22	0.22	20.000	613.22	Absolute	613.22	False	
67	MH-66	425.00	48.0	425.00	418.00	0.51	0.51	21.000	418.51	Absolute	418.51	False	
75	MH-62	450.00	48.0	450.00	443.00	0.13	0.13	20.000	443.13	Absolute	443.13	False	
76	MH-58	395.00	48.0	395.00	388.00	0.13	0.13	21.000	388.13	Absolute	388.13	False	
80	MH-54	435.00	48.0	435.00	428.00	0.09	0.09	20.000	428.09	Absolute	428.09	False	
83	MH-52	420.00	48.0	420.00	413.00	0.42	0.42	20.000	413.42	Absolute	413.42	False	
85	MH-50	325.00	48.0	325.00	318.00	0.64	0.64	20.000	318.64	Absolute	318.64	False	
87	MH-48	240.00	48.0	240.00	233.00	0.77	0.77	20.000	233.77	Absolute	233.77	False	
89	MH-26	235.00	48.0	235.00	228.00	0.97	0.97	21.000	228.97	Absolute	228.97	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 45.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.85	0.85	20.000	93.85	Absolute	93.85	False	
93	MH-4	105.00	48.0	105.00	98.00	0.13	0.13	20.000	98.13	Absolute	98.13	False	
94	MH-6	175.00	48.0	175.00	168.00	0.15	0.15	20.000	168.15	Absolute	168.15	False	
98	MH-84	685.00	48.0	685.00	678.00	0.25	0.25	20.000	678.25	Absolute	678.25	False	
99	MH-82	655.00	48.0	655.00	648.00	0.41	0.41	21.000	648.41	Absolute	648.41	False	
100	MH-86	670.00	48.0	670.00	663.00	0.24	0.24	20.000	663.24	Absolute	663.24	False	
101	MH-80	600.00	48.0	600.00	593.00	0.49	0.49	21.000	593.49	Absolute	593.49	False	
102	MH-78	565.00	48.0	565.00	558.00	0.49	0.49	22.000	558.49	Absolute	558.49	False	
103	MH-44	590.00	48.0	590.00	583.00	0.19	0.19	21.000	583.19	Absolute	583.19	False	
104	MH-42	550.00	48.0	550.00	543.00	0.29	0.29	21.000	543.29	Absolute	543.29	False	
105	MH-40	520.00	48.0	520.00	513.00	0.32	0.32	21.000	513.32	Absolute	513.32	False	
106	MH-38	500.00	48.0	500.00	493.00	0.67	0.67	21.000	493.67	Absolute	493.67	False	
109	MH-46	625.00	48.0	625.00	618.00	0.19	0.19	20.000	618.19	Absolute	618.19	False	
117	MH-88	505.00	48.0	505.00	498.00	0.49	0.49	21.000	498.49	Absolute	498.49	False	
118	MH-90	545.00	48.0	545.00	538.00	0.37	0.37	21.000	538.37	Absolute	538.37	False	
119	MH-92	585.00	48.0	585.00	578.00	0.29	0.29	21.000	578.29	Absolute	578.29	False	
120	MH-96	665.00	48.0	665.00	658.00	0.18	0.18	20.000	658.18	Absolute	658.18	False	
121	MH-94	605.00	48.0	605.00	598.00	0.18	0.18	21.000	598.18	Absolute	598.18	False	
128	MH-36	455.00	48.0	455.00	448.00	0.69	0.69	21.000	448.69	Absolute	448.69	False	
129	MH-34	400.00	48.0	400.00	393.00	0.69	0.69	21.000	393.69	Absolute	393.69	False	
130	MH-32	395.00	48.0	395.00	388.00	0.67	0.67	21.000	388.67	Absolute	388.67	False	
131	MH-30	375.00	48.0	375.00	368.00	0.68	0.68	21.000	368.68	Absolute	368.68	False	
132	MH-22	300.00	48.0	300.00	293.00	0.26	0.26	20.000	293.26	Absolute	293.26	False	
133	MH-20	205.00	48.0	205.00	198.00	0.26	0.26	21.000	198.26	Absolute	198.26	False	
134	MH-18	175.00	48.0	175.00	168.00	0.30	0.30	21.000	168.30	Absolute	168.30	False	
135	MH-14	165.00	48.0	165.00	158.00	0.27	0.27	22.000	158.27	Absolute	158.27	False	
136	MH-12	130.00	48.0	130.00	123.00	1.01	1.01	21.000	124.01	Absolute	124.01	False	
137	MH-24	160.00	48.0	160.00	153.00	0.98	0.98	21.000	153.98	Absolute	153.98	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	1.01	1.01	21.000	109.01	Absolute	109.01	False	
157	MH-102	500.00	48.0	500.00	493.00	0.16	0.16	20.000	493.16	Absolute	493.16	False	
158	MH-65	440.00	48.0	440.00	433.00	0.54	0.54	20.000	433.54	Absolute	433.54	False	
159	MH-64	420.00	48.0	420.00	413.00	0.73	0.73	21.000	413.73	Absolute	413.73	False	
173	MH-98	450.00	48.0	450.00	443.00	0.18	0.18	21.000	443.18	Absolute	443.18	False	
180	MH-112	750.00	48.0	750.00	743.00	0.09	0.09	21.000	743.09	Absolute	743.09	False	
183	MH-118	585.00	48.0	585.00	578.00	0.40	0.40	21.000	578.40	Absolute	578.40	False	
187	MH-108	640.00	48.0	640.00	633.00	0.26	0.26	21.000	633.26	Absolute	633.26	False	
190	MH-76	535.00	48.0	535.00	528.00	0.22	0.22	20.000	528.22	Absolute	528.22	False	
196	MH-28	280.00	48.0	280.00	273.00	0.71	0.71	21.000	273.71	Absolute	273.71	False	
200	MH-126	805.00	48.0	805.00	798.00	0.24	0.24	21.000	798.24	Absolute	798.24	False	
203	MH-60	400.00	48.0	400.00	393.00	0.13	0.13	21.000	393.13	Absolute	393.13	False	
252	MH-68	473.55	48.0	473.55	466.55	0.44	0.44	21.000	466.98	Absolute	466.98	False	
260	MH-75	725.00	48.0	725.00	718.00	0.25	0.25	21.000	718.25	Absolute	718.25	False	

Current Time: 46.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 46.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.16	0.16	21.000	673.16	Absolute	673.16	False	
43	MH-106	605.00	48.0	605.00	598.00	0.37	0.37	21.000	598.37	Absolute	598.37	False	
45	MH-104	525.00	48.0	525.00	518.00	0.40	0.40	21.000	518.40	Absolute	518.40	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.25	0.25	21.000	773.25	Absolute	773.25	False	
54	MH-120	620.00	48.0	620.00	613.00	0.27	0.27	21.000	613.27	Absolute	613.27	False	
56	MH-116	515.00	48.0	515.00	508.00	0.56	0.56	21.000	508.56	Absolute	508.56	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.36	0.36	21.000	522.36	Absolute	522.36	False	
62	MH-70	515.00	48.0	515.00	508.00	0.40	0.40	21.000	508.40	Absolute	508.40	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.51	0.51	21.000	418.51	Absolute	418.51	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.13	0.13	21.000	388.13	Absolute	388.13	False	
80	MH-54	435.00	48.0	435.00	428.00	0.07	0.07	20.000	428.07	Absolute	428.07	False	
83	MH-52	420.00	48.0	420.00	413.00	0.18	0.18	20.000	413.18	Absolute	413.18	False	
85	MH-50	325.00	48.0	325.00	318.00	0.24	0.24	20.000	318.24	Absolute	318.24	False	
87	MH-48	240.00	48.0	240.00	233.00	0.29	0.29	20.000	233.29	Absolute	233.29	False	
89	MH-26	235.00	48.0	235.00	228.00	0.70	0.70	21.000	228.70	Absolute	228.70	False	
92	MH-2	100.00	48.0	100.00	93.00	0.11	0.11	20.000	93.11	Absolute	93.11	False	
93	MH-4	105.00	48.0	105.00	98.00	0.13	0.13	20.000	98.13	Absolute	98.13	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.19	0.19	20.000	678.19	Absolute	678.19	False	
99	MH-82	655.00	48.0	655.00	648.00	0.36	0.36	21.000	648.36	Absolute	648.36	False	
100	MH-86	670.00	48.0	670.00	663.00	0.18	0.18	20.000	663.18	Absolute	663.18	False	
101	MH-80	600.00	48.0	600.00	593.00	0.45	0.45	21.000	593.45	Absolute	593.45	False	
102	MH-78	565.00	48.0	565.00	558.00	0.49	0.49	22.000	558.49	Absolute	558.49	False	
103	MH-44	590.00	48.0	590.00	583.00	0.18	0.18	21.000	583.18	Absolute	583.18	False	
104	MH-42	550.00	48.0	550.00	543.00	0.25	0.25	21.000	543.25	Absolute	543.25	False	
105	MH-40	520.00	48.0	520.00	513.00	0.31	0.31	21.000	513.31	Absolute	513.31	False	
106	MH-38	500.00	48.0	500.00	493.00	0.66	0.66	21.000	493.66	Absolute	493.66	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.44	0.44	21.000	498.44	Absolute	498.44	False	
118	MH-90	545.00	48.0	545.00	538.00	0.33	0.33	21.000	538.33	Absolute	538.33	False	
119	MH-92	585.00	48.0	585.00	578.00	0.25	0.25	21.000	578.25	Absolute	578.25	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.17	0.17	21.000	598.17	Absolute	598.17	False	
128	MH-36	455.00	48.0	455.00	448.00	0.68	0.68	21.000	448.68	Absolute	448.68	False	
129	MH-34	400.00	48.0	400.00	393.00	0.69	0.69	21.000	393.69	Absolute	393.69	False	
130	MH-32	395.00	48.0	395.00	388.00	0.66	0.66	21.000	388.66	Absolute	388.66	False	
131	MH-30	375.00	48.0	375.00	368.00	0.67	0.67	21.000	368.67	Absolute	368.67	False	
132	MH-22	300.00	48.0	300.00	293.00	0.20	0.20	20.000	293.20	Absolute	293.20	False	
133	MH-20	205.00	48.0	205.00	198.00	0.25	0.25	21.000	198.25	Absolute	198.25	False	
134	MH-18	175.00	48.0	175.00	168.00	0.28	0.28	21.000	168.28	Absolute	168.28	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 46.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.27	0.27	22.000	158.27	Absolute	158.27	False	
136	MH-12	130.00	48.0	130.00	123.00	0.75	0.75	21.000	123.75	Absolute	123.75	False	
137	MH-24	160.00	48.0	160.00	153.00	0.71	0.71	21.000	153.71	Absolute	153.71	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.75	0.75	21.000	108.75	Absolute	108.75	False	
157	MH-102	500.00	48.0	500.00	493.00	0.12	0.12	20.000	493.12	Absolute	493.12	False	
158	MH-65	440.00	48.0	440.00	433.00	0.15	0.15	20.000	433.15	Absolute	433.15	False	
159	MH-64	420.00	48.0	420.00	413.00	0.47	0.47	21.000	413.47	Absolute	413.47	False	
173	MH-98	450.00	48.0	450.00	443.00	0.18	0.18	21.000	443.18	Absolute	443.18	False	
180	MH-112	750.00	48.0	750.00	743.00	0.09	0.09	21.000	743.09	Absolute	743.09	False	
183	MH-118	585.00	48.0	585.00	578.00	0.35	0.35	21.000	578.35	Absolute	578.35	False	
187	MH-108	640.00	48.0	640.00	633.00	0.23	0.23	21.000	633.23	Absolute	633.23	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.69	0.69	21.000	273.69	Absolute	273.69	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.12	0.12	21.000	393.12	Absolute	393.12	False	
252	MH-68	473.55	48.0	473.55	466.55	0.43	0.43	21.000	466.97	Absolute	466.97	False	
260	MH-75	725.00	48.0	725.00	718.00	0.25	0.25	21.000	718.25	Absolute	718.25	False	

Current Time: 47.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.07	0.07	20.000	788.07	Absolute	788.07	False	
41	MH-110	680.00	48.0	680.00	673.00	0.15	0.15	21.000	673.15	Absolute	673.15	False	
43	MH-106	605.00	48.0	605.00	598.00	0.33	0.33	21.000	598.33	Absolute	598.33	False	
45	MH-104	525.00	48.0	525.00	518.00	0.33	0.33	21.000	518.33	Absolute	518.33	False	
47	MH-100	510.00	48.0	510.00	503.00	0.15	0.15	20.000	503.15	Absolute	503.15	False	
49	MH-128	840.00	48.0	840.00	833.00	0.05	0.05	20.000	833.05	Absolute	833.05	False	
50	MH-124	780.00	48.0	780.00	773.00	0.20	0.20	21.000	773.20	Absolute	773.20	False	
54	MH-120	620.00	48.0	620.00	613.00	0.22	0.22	21.000	613.22	Absolute	613.22	False	
56	MH-116	515.00	48.0	515.00	508.00	0.46	0.46	21.000	508.46	Absolute	508.46	False	
59	MH-74	625.00	48.0	625.00	618.00	0.27	0.27	20.000	618.27	Absolute	618.27	False	
60	MH-72	529.00	48.0	529.00	522.00	0.32	0.32	21.000	522.32	Absolute	522.32	False	
62	MH-70	515.00	48.0	515.00	508.00	0.35	0.35	21.000	508.35	Absolute	508.35	False	
64	MH-75	620.00	48.0	620.00	613.00	0.19	0.19	20.000	613.19	Absolute	613.19	False	
67	MH-66	425.00	48.0	425.00	418.00	0.43	0.43	21.000	418.43	Absolute	418.43	False	
75	MH-62	450.00	48.0	450.00	443.00	0.10	0.10	20.000	443.10	Absolute	443.10	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.07	0.07	20.000	428.07	Absolute	428.07	False	
83	MH-52	420.00	48.0	420.00	413.00	0.17	0.17	20.000	413.17	Absolute	413.17	False	
85	MH-50	325.00	48.0	325.00	318.00	0.23	0.23	20.000	318.23	Absolute	318.23	False	
87	MH-48	240.00	48.0	240.00	233.00	0.25	0.25	20.000	233.25	Absolute	233.25	False	
89	MH-26	235.00	48.0	235.00	228.00	0.55	0.55	21.000	228.55	Absolute	228.55	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 47.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
92	MH-2	100.00	48.0	100.00	93.00	0.09	0.09	20.000	93.09	Absolute	93.09	False	
93	MH-4	105.00	48.0	105.00	98.00	0.10	0.10	20.000	98.10	Absolute	98.10	False	
94	MH-6	175.00	48.0	175.00	168.00	0.12	0.12	20.000	168.12	Absolute	168.12	False	
98	MH-84	685.00	48.0	685.00	678.00	0.19	0.19	20.000	678.19	Absolute	678.19	False	
99	MH-82	655.00	48.0	655.00	648.00	0.31	0.31	21.000	648.31	Absolute	648.31	False	
100	MH-86	670.00	48.0	670.00	663.00	0.18	0.18	20.000	663.18	Absolute	663.18	False	
101	MH-80	600.00	48.0	600.00	593.00	0.38	0.38	21.000	593.38	Absolute	593.38	False	
102	MH-78	565.00	48.0	565.00	558.00	0.38	0.38	22.000	558.38	Absolute	558.38	False	
103	MH-44	590.00	48.0	590.00	583.00	0.15	0.15	21.000	583.15	Absolute	583.15	False	
104	MH-42	550.00	48.0	550.00	543.00	0.22	0.22	21.000	543.22	Absolute	543.22	False	
105	MH-40	520.00	48.0	520.00	513.00	0.26	0.26	21.000	513.26	Absolute	513.26	False	
106	MH-38	500.00	48.0	500.00	493.00	0.51	0.51	21.000	493.51	Absolute	493.51	False	
109	MH-46	625.00	48.0	625.00	618.00	0.15	0.15	20.000	618.15	Absolute	618.15	False	
117	MH-88	505.00	48.0	505.00	498.00	0.36	0.36	21.000	498.36	Absolute	498.36	False	
118	MH-90	545.00	48.0	545.00	538.00	0.28	0.28	21.000	538.28	Absolute	538.28	False	
119	MH-92	585.00	48.0	585.00	578.00	0.22	0.22	21.000	578.22	Absolute	578.22	False	
120	MH-96	665.00	48.0	665.00	658.00	0.14	0.14	20.000	658.14	Absolute	658.14	False	
121	MH-94	605.00	48.0	605.00	598.00	0.14	0.14	21.000	598.14	Absolute	598.14	False	
128	MH-36	455.00	48.0	455.00	448.00	0.53	0.53	21.000	448.53	Absolute	448.53	False	
129	MH-34	400.00	48.0	400.00	393.00	0.53	0.53	21.000	393.53	Absolute	393.53	False	
130	MH-32	395.00	48.0	395.00	388.00	0.52	0.52	21.000	388.52	Absolute	388.52	False	
131	MH-30	375.00	48.0	375.00	368.00	0.53	0.53	21.000	368.53	Absolute	368.53	False	
132	MH-22	300.00	48.0	300.00	293.00	0.20	0.20	20.000	293.20	Absolute	293.20	False	
133	MH-20	205.00	48.0	205.00	198.00	0.20	0.20	21.000	198.20	Absolute	198.20	False	
134	MH-18	175.00	48.0	175.00	168.00	0.23	0.23	21.000	168.23	Absolute	168.23	False	
135	MH-14	165.00	48.0	165.00	158.00	0.20	0.20	22.000	158.20	Absolute	158.20	False	
136	MH-12	130.00	48.0	130.00	123.00	0.59	0.59	21.000	123.59	Absolute	123.59	False	
137	MH-24	160.00	48.0	160.00	153.00	0.56	0.56	21.000	153.56	Absolute	153.56	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.59	0.59	21.000	108.59	Absolute	108.59	False	
157	MH-102	500.00	48.0	500.00	493.00	0.12	0.12	20.000	493.12	Absolute	493.12	False	
158	MH-65	440.00	48.0	440.00	433.00	0.12	0.12	20.000	433.12	Absolute	433.12	False	
159	MH-64	420.00	48.0	420.00	413.00	0.41	0.41	21.000	413.41	Absolute	413.41	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.31	0.31	21.000	578.31	Absolute	578.31	False	
187	MH-108	640.00	48.0	640.00	633.00	0.20	0.20	21.000	633.20	Absolute	633.20	False	
190	MH-76	535.00	48.0	535.00	528.00	0.19	0.19	20.000	528.19	Absolute	528.19	False	
196	MH-28	280.00	48.0	280.00	273.00	0.55	0.55	21.000	273.55	Absolute	273.55	False	
200	MH-126	805.00	48.0	805.00	798.00	0.19	0.19	21.000	798.19	Absolute	798.19	False	
203	MH-60	400.00	48.0	400.00	393.00	0.10	0.10	21.000	393.10	Absolute	393.10	False	
252	MH-68	473.55	48.0	473.55	466.55	0.38	0.38	21.000	466.93	Absolute	466.93	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Current Time: 48.000 hours

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 48.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
40	MH-114	795.00	48.0	795.00	788.00	0.04	0.04	20.000	788.04	Absolute	788.04	False	
41	MH-110	680.00	48.0	680.00	673.00	0.10	0.10	21.000	673.10	Absolute	673.10	False	
43	MH-106	605.00	48.0	605.00	598.00	0.28	0.28	21.000	598.28	Absolute	598.28	False	
45	MH-104	525.00	48.0	525.00	518.00	0.32	0.32	21.000	518.32	Absolute	518.32	False	
47	MH-100	510.00	48.0	510.00	503.00	0.12	0.12	20.000	503.12	Absolute	503.12	False	
49	MH-128	840.00	48.0	840.00	833.00	0.03	0.03	20.000	833.03	Absolute	833.03	False	
50	MH-124	780.00	48.0	780.00	773.00	0.19	0.19	21.000	773.19	Absolute	773.19	False	
54	MH-120	620.00	48.0	620.00	613.00	0.20	0.20	21.000	613.20	Absolute	613.20	False	
56	MH-116	515.00	48.0	515.00	508.00	0.44	0.44	21.000	508.44	Absolute	508.44	False	
59	MH-74	625.00	48.0	625.00	618.00	0.22	0.22	20.000	618.22	Absolute	618.22	False	
60	MH-72	529.00	48.0	529.00	522.00	0.31	0.31	21.000	522.31	Absolute	522.31	False	
62	MH-70	515.00	48.0	515.00	508.00	0.34	0.34	21.000	508.34	Absolute	508.34	False	
64	MH-75	620.00	48.0	620.00	613.00	0.15	0.15	20.000	613.15	Absolute	613.15	False	
67	MH-66	425.00	48.0	425.00	418.00	0.43	0.43	21.000	418.43	Absolute	418.43	False	
75	MH-62	450.00	48.0	450.00	443.00	0.05	0.05	20.000	443.05	Absolute	443.05	False	
76	MH-58	395.00	48.0	395.00	388.00	0.10	0.10	21.000	388.10	Absolute	388.10	False	
80	MH-54	435.00	48.0	435.00	428.00	0.71	0.71	20.000	428.71	Absolute	428.71	False	
83	MH-52	420.00	48.0	420.00	413.00	0.62	0.62	20.000	413.62	Absolute	413.62	False	
85	MH-50	325.00	48.0	325.00	318.00	0.44	0.44	20.000	318.44	Absolute	318.44	False	
87	MH-48	240.00	48.0	240.00	233.00	0.37	0.37	20.000	233.37	Absolute	233.37	False	
89	MH-26	235.00	48.0	235.00	228.00	0.54	0.54	21.000	228.54	Absolute	228.54	False	
92	MH-2	100.00	48.0	100.00	93.00	0.28	0.28	20.000	93.28	Absolute	93.28	False	
93	MH-4	105.00	48.0	105.00	98.00	0.95	0.95	20.000	98.95	Absolute	98.95	False	
94	MH-6	175.00	48.0	175.00	168.00	0.06	0.06	20.000	168.06	Absolute	168.06	False	
98	MH-84	685.00	48.0	685.00	678.00	0.10	0.10	20.000	678.10	Absolute	678.10	False	
99	MH-82	655.00	48.0	655.00	648.00	0.25	0.25	21.000	648.25	Absolute	648.25	False	
100	MH-86	670.00	48.0	670.00	663.00	0.10	0.10	20.000	663.10	Absolute	663.10	False	
101	MH-80	600.00	48.0	600.00	593.00	0.32	0.32	21.000	593.32	Absolute	593.32	False	
102	MH-78	565.00	48.0	565.00	558.00	0.38	0.38	22.000	558.38	Absolute	558.38	False	
103	MH-44	590.00	48.0	590.00	583.00	0.13	0.13	21.000	583.13	Absolute	583.13	False	
104	MH-42	550.00	48.0	550.00	543.00	0.17	0.17	21.000	543.17	Absolute	543.17	False	
105	MH-40	520.00	48.0	520.00	513.00	0.24	0.24	21.000	513.24	Absolute	513.24	False	
106	MH-38	500.00	48.0	500.00	493.00	0.51	0.51	21.000	493.51	Absolute	493.51	False	
109	MH-46	625.00	48.0	625.00	618.00	0.08	0.08	20.000	618.08	Absolute	618.08	False	
117	MH-88	505.00	48.0	505.00	498.00	0.30	0.30	21.000	498.30	Absolute	498.30	False	
118	MH-90	545.00	48.0	545.00	538.00	0.23	0.23	21.000	538.23	Absolute	538.23	False	
119	MH-92	585.00	48.0	585.00	578.00	0.16	0.16	21.000	578.16	Absolute	578.16	False	
120	MH-96	665.00	48.0	665.00	658.00	0.07	0.07	20.000	658.07	Absolute	658.07	False	
121	MH-94	605.00	48.0	605.00	598.00	0.13	0.13	21.000	598.13	Absolute	598.13	False	
128	MH-36	455.00	48.0	455.00	448.00	0.51	0.51	21.000	448.51	Absolute	448.51	False	
129	MH-34	400.00	48.0	400.00	393.00	0.52	0.52	21.000	393.52	Absolute	393.52	False	
130	MH-32	395.00	48.0	395.00	388.00	0.50	0.50	21.000	388.50	Absolute	388.50	False	
131	MH-30	375.00	48.0	375.00	368.00	0.52	0.52	21.000	368.52	Absolute	368.52	False	
132	MH-22	300.00	48.0	300.00	293.00	0.11	0.11	20.000	293.11	Absolute	293.11	False	
133	MH-20	205.00	48.0	205.00	198.00	0.18	0.18	21.000	198.18	Absolute	198.18	False	
134	MH-18	175.00	48.0	175.00	168.00	0.21	0.21	21.000	168.21	Absolute	168.21	False	

FlexTable: Manhole Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 48.000 hours

ID	Label	Elevation (Ground) (ft)	Diameter (in)	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Depth (In) (ft)	Depth (Out) (ft)	Time to Maximum Hydraulic Grade (hours)	Hydraulic Grade Line (Out) (ft)	Headloss Method	Hydraulic Grade Line (In) (ft)	Is Overflowing?	Notes
135	MH-14	165.00	48.0	165.00	158.00	0.20	0.20	22.000	158.20	Absolute	158.20	False	
136	MH-12	130.00	48.0	130.00	123.00	0.58	0.58	21.000	123.58	Absolute	123.58	False	
137	MH-24	160.00	48.0	160.00	153.00	0.55	0.55	21.000	153.55	Absolute	153.55	False	
138	MH-16	205.00	48.0	205.00	198.00	0.00	0.00	0.000	198.00	Absolute	198.00	False	
152	MH-10	115.00	48.0	115.00	108.00	0.58	0.58	21.000	108.58	Absolute	108.58	False	
157	MH-102	500.00	48.0	500.00	493.00	0.59	0.59	20.000	493.59	Absolute	493.59	False	
158	MH-65	440.00	48.0	440.00	433.00	0.30	0.30	20.000	433.30	Absolute	433.30	False	
159	MH-64	420.00	48.0	420.00	413.00	0.42	0.42	21.000	413.42	Absolute	413.42	False	
173	MH-98	450.00	48.0	450.00	443.00	0.15	0.15	21.000	443.15	Absolute	443.15	False	
180	MH-112	750.00	48.0	750.00	743.00	0.07	0.07	21.000	743.07	Absolute	743.07	False	
183	MH-118	585.00	48.0	585.00	578.00	0.24	0.24	21.000	578.24	Absolute	578.24	False	
187	MH-108	640.00	48.0	640.00	633.00	0.16	0.16	21.000	633.16	Absolute	633.16	False	
190	MH-76	535.00	48.0	535.00	528.00	0.16	0.16	20.000	528.16	Absolute	528.16	False	
196	MH-28	280.00	48.0	280.00	273.00	0.53	0.53	21.000	273.53	Absolute	273.53	False	
200	MH-126	805.00	48.0	805.00	798.00	0.11	0.11	21.000	798.11	Absolute	798.11	False	
203	MH-60	400.00	48.0	400.00	393.00	0.09	0.09	21.000	393.09	Absolute	393.09	False	
252	MH-68	473.55	48.0	473.55	466.55	0.37	0.37	21.000	466.91	Absolute	466.91	False	
260	MH-75	725.00	48.0	725.00	718.00	0.19	0.19	21.000	718.19	Absolute	718.19	False	

Outfall Tables - Pumping @ 200% of Average Inflow

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 0.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	127.48	Free Outfall	8.15	
167	O-3	90.00	True	83.00	3.23	Free Outfall	83.02	
170	O-2	350.00	True	343.00	47.84	Free Outfall	343.11	
250	O-1	462.00	True	455.00	20.76	Free Outfall	455.06	

Current Time: 1.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,840.78	Free Outfall	8.49	
167	O-3	90.00	True	83.00	1,946.81	Free Outfall	83.38	
170	O-2	350.00	True	343.00	1,294.86	Free Outfall	343.37	
250	O-1	462.00	True	455.00	224.09	Free Outfall	455.15	

Current Time: 2.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,840.80	Free Outfall	8.49	
167	O-3	90.00	True	83.00	1,963.87	Free Outfall	83.38	
170	O-2	350.00	True	343.00	1,289.35	Free Outfall	343.37	
250	O-1	462.00	True	455.00	210.88	Free Outfall	455.15	

Current Time: 3.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,707.84	Free Outfall	8.46	
167	O-3	90.00	True	83.00	1,709.42	Free Outfall	83.36	
170	O-2	350.00	True	343.00	1,046.22	Free Outfall	343.32	
250	O-1	462.00	True	455.00	81.91	Free Outfall	455.09	

Current Time: 4.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	3.30	Free Outfall	8.02	
167	O-3	90.00	True	83.00	155.16	Free Outfall	83.11	
170	O-2	350.00	True	343.00	112.44	Free Outfall	343.11	
250	O-1	462.00	True	455.00	84.19	Free Outfall	455.10	

Current Time: 5.000 hours

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 5.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	6.59	Free Outfall	8.03	
167	O-3	90.00	True	83.00	271.18	Free Outfall	83.15	
170	O-2	350.00	True	343.00	123.19	Free Outfall	343.12	
250	O-1	462.00	True	455.00	117.85	Free Outfall	455.11	

Current Time: 6.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	134.08	Free Outfall	8.15	
167	O-3	90.00	True	83.00	285.53	Free Outfall	83.15	
170	O-2	350.00	True	343.00	187.65	Free Outfall	343.17	
250	O-1	462.00	True	455.00	141.16	Free Outfall	455.12	

Current Time: 7.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,863.85	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,748.76	Free Outfall	83.45	
170	O-2	350.00	True	343.00	1,300.50	Free Outfall	343.37	
250	O-1	462.00	True	455.00	436.13	Free Outfall	455.21	

Current Time: 8.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,863.90	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,799.41	Free Outfall	83.46	
170	O-2	350.00	True	343.00	1,290.71	Free Outfall	343.36	
250	O-1	462.00	True	455.00	439.67	Free Outfall	455.21	

Current Time: 9.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,726.55	Free Outfall	8.46	
167	O-3	90.00	True	83.00	2,516.33	Free Outfall	83.43	
170	O-2	350.00	True	343.00	1,421.65	Free Outfall	343.38	
250	O-1	462.00	True	455.00	418.35	Free Outfall	455.21	

Current Time: 10.000 hours

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 10.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	22.00	Free Outfall	8.05	
167	O-3	90.00	True	83.00	950.20	Free Outfall	83.27	
170	O-2	350.00	True	343.00	476.74	Free Outfall	343.22	
250	O-1	462.00	True	455.00	406.40	Free Outfall	455.20	

Current Time: 11.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	14.32	Free Outfall	8.04	
167	O-3	90.00	True	83.00	639.12	Free Outfall	83.22	
170	O-2	350.00	True	343.00	328.70	Free Outfall	343.19	
250	O-1	462.00	True	455.00	282.11	Free Outfall	455.17	

Current Time: 12.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	141.78	Free Outfall	8.16	
167	O-3	90.00	True	83.00	624.06	Free Outfall	83.22	
170	O-2	350.00	True	343.00	369.82	Free Outfall	343.21	
250	O-1	462.00	True	455.00	285.85	Free Outfall	455.17	

Current Time: 13.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,848.50	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,254.91	Free Outfall	83.41	
170	O-2	350.00	True	343.00	1,350.65	Free Outfall	343.38	
250	O-1	462.00	True	455.00	333.19	Free Outfall	455.19	

Current Time: 14.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,848.50	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,260.44	Free Outfall	83.41	
170	O-2	350.00	True	343.00	1,354.01	Free Outfall	343.38	
250	O-1	462.00	True	455.00	336.98	Free Outfall	455.19	

Current Time: 15.000 hours

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 15.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,724.32	Free Outfall	8.46	
167	O-3	90.00	True	83.00	2,380.94	Free Outfall	83.42	
170	O-2	350.00	True	343.00	1,345.36	Free Outfall	343.37	
250	O-1	462.00	True	455.00	385.92	Free Outfall	455.20	

Current Time: 16.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	19.80	Free Outfall	8.05	
167	O-3	90.00	True	83.00	846.30	Free Outfall	83.25	
170	O-2	350.00	True	343.00	414.99	Free Outfall	343.21	
250	O-1	462.00	True	455.00	395.84	Free Outfall	455.20	

Current Time: 17.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	26.39	Free Outfall	8.05	
167	O-3	90.00	True	83.00	1,106.60	Free Outfall	83.29	
170	O-2	350.00	True	343.00	528.20	Free Outfall	343.23	
250	O-1	462.00	True	455.00	508.14	Free Outfall	455.23	

Current Time: 18.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	153.88	Free Outfall	8.16	
167	O-3	90.00	True	83.00	1,123.29	Free Outfall	83.29	
170	O-2	350.00	True	343.00	575.35	Free Outfall	343.25	
250	O-1	462.00	True	455.00	514.70	Free Outfall	455.23	

Current Time: 19.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,866.52	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,962.00	Free Outfall	83.47	
170	O-2	350.00	True	343.00	1,559.71	Free Outfall	343.40	
250	O-1	462.00	True	455.00	592.16	Free Outfall	455.25	

Current Time: 20.000 hours

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 20.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,866.54	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,983.40	Free Outfall	83.47	
170	O-2	350.00	True	343.00	1,575.51	Free Outfall	343.41	
250	O-1	462.00	True	455.00	610.15	Free Outfall	455.25	

Current Time: 21.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,754.65	Free Outfall	8.47	
167	O-3	90.00	True	83.00	3,577.41	Free Outfall	83.52	
170	O-2	350.00	True	343.00	1,722.15	Free Outfall	343.42	
250	O-1	462.00	True	455.00	812.55	Free Outfall	455.29	

Current Time: 22.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	50.16	Free Outfall	8.07	
167	O-3	90.00	True	83.00	2,061.24	Free Outfall	83.39	
170	O-2	350.00	True	343.00	764.54	Free Outfall	343.27	
250	O-1	462.00	True	455.00	790.78	Free Outfall	455.28	

Current Time: 23.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	29.74	Free Outfall	8.06	
167	O-3	90.00	True	83.00	1,297.51	Free Outfall	83.31	
170	O-2	350.00	True	343.00	559.30	Free Outfall	343.24	
250	O-1	462.00	True	455.00	524.11	Free Outfall	455.23	

Current Time: 24.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	157.18	Free Outfall	8.16	
167	O-3	90.00	True	83.00	1,249.36	Free Outfall	83.31	
170	O-2	350.00	True	343.00	577.00	Free Outfall	343.25	
250	O-1	462.00	True	455.00	500.59	Free Outfall	455.23	

Current Time: 25.000 hours

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 25.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,840.84	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,009.50	Free Outfall	83.39	
170	O-2	350.00	True	343.00	1,295.06	Free Outfall	343.37	
250	O-1	462.00	True	455.00	224.77	Free Outfall	455.15	

Current Time: 26.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,840.80	Free Outfall	8.49	
167	O-3	90.00	True	83.00	1,963.91	Free Outfall	83.38	
170	O-2	350.00	True	343.00	1,289.35	Free Outfall	343.37	
250	O-1	462.00	True	455.00	210.88	Free Outfall	455.15	

Current Time: 27.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,707.84	Free Outfall	8.46	
167	O-3	90.00	True	83.00	1,709.42	Free Outfall	83.36	
170	O-2	350.00	True	343.00	1,046.22	Free Outfall	343.32	
250	O-1	462.00	True	455.00	81.91	Free Outfall	455.09	

Current Time: 28.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	3.30	Free Outfall	8.02	
167	O-3	90.00	True	83.00	155.16	Free Outfall	83.11	
170	O-2	350.00	True	343.00	112.44	Free Outfall	343.11	
250	O-1	462.00	True	455.00	84.19	Free Outfall	455.10	

Current Time: 29.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	6.59	Free Outfall	8.03	
167	O-3	90.00	True	83.00	271.18	Free Outfall	83.15	
170	O-2	350.00	True	343.00	123.19	Free Outfall	343.12	
250	O-1	462.00	True	455.00	117.85	Free Outfall	455.11	

Current Time: 30.000 hours

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 30.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	134.08	Free Outfall	8.15	
167	O-3	90.00	True	83.00	285.53	Free Outfall	83.15	
170	O-2	350.00	True	343.00	187.65	Free Outfall	343.17	
250	O-1	462.00	True	455.00	141.16	Free Outfall	455.12	

Current Time: 31.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,863.85	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,748.76	Free Outfall	83.45	
170	O-2	350.00	True	343.00	1,300.50	Free Outfall	343.37	
250	O-1	462.00	True	455.00	436.13	Free Outfall	455.21	

Current Time: 32.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,863.90	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,799.41	Free Outfall	83.46	
170	O-2	350.00	True	343.00	1,290.71	Free Outfall	343.36	
250	O-1	462.00	True	455.00	439.67	Free Outfall	455.21	

Current Time: 33.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,726.55	Free Outfall	8.46	
167	O-3	90.00	True	83.00	2,516.33	Free Outfall	83.43	
170	O-2	350.00	True	343.00	1,421.65	Free Outfall	343.38	
250	O-1	462.00	True	455.00	418.35	Free Outfall	455.21	

Current Time: 34.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	22.00	Free Outfall	8.05	
167	O-3	90.00	True	83.00	950.20	Free Outfall	83.27	
170	O-2	350.00	True	343.00	476.74	Free Outfall	343.22	
250	O-1	462.00	True	455.00	406.40	Free Outfall	455.20	

Current Time: 35.000 hours

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 35.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	14.32	Free Outfall	8.04	
167	O-3	90.00	True	83.00	639.12	Free Outfall	83.22	
170	O-2	350.00	True	343.00	328.70	Free Outfall	343.19	
250	O-1	462.00	True	455.00	282.11	Free Outfall	455.17	

Current Time: 36.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	141.78	Free Outfall	8.16	
167	O-3	90.00	True	83.00	624.06	Free Outfall	83.22	
170	O-2	350.00	True	343.00	369.82	Free Outfall	343.21	
250	O-1	462.00	True	455.00	285.85	Free Outfall	455.17	

Current Time: 37.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,848.50	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,254.91	Free Outfall	83.41	
170	O-2	350.00	True	343.00	1,350.65	Free Outfall	343.38	
250	O-1	462.00	True	455.00	333.19	Free Outfall	455.19	

Current Time: 38.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,848.50	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,260.44	Free Outfall	83.41	
170	O-2	350.00	True	343.00	1,354.01	Free Outfall	343.38	
250	O-1	462.00	True	455.00	336.98	Free Outfall	455.19	

Current Time: 39.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,724.32	Free Outfall	8.46	
167	O-3	90.00	True	83.00	2,380.94	Free Outfall	83.42	
170	O-2	350.00	True	343.00	1,345.36	Free Outfall	343.37	
250	O-1	462.00	True	455.00	385.92	Free Outfall	455.20	

Current Time: 40.000 hours

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 40.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	19.80	Free Outfall	8.05	
167	O-3	90.00	True	83.00	846.30	Free Outfall	83.25	
170	O-2	350.00	True	343.00	414.99	Free Outfall	343.21	
250	O-1	462.00	True	455.00	395.84	Free Outfall	455.20	

Current Time: 41.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	26.39	Free Outfall	8.05	
167	O-3	90.00	True	83.00	1,106.60	Free Outfall	83.29	
170	O-2	350.00	True	343.00	528.20	Free Outfall	343.23	
250	O-1	462.00	True	455.00	508.14	Free Outfall	455.23	

Current Time: 42.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	153.88	Free Outfall	8.16	
167	O-3	90.00	True	83.00	1,123.29	Free Outfall	83.29	
170	O-2	350.00	True	343.00	575.35	Free Outfall	343.25	
250	O-1	462.00	True	455.00	514.70	Free Outfall	455.23	

Current Time: 43.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,866.52	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,962.00	Free Outfall	83.47	
170	O-2	350.00	True	343.00	1,559.71	Free Outfall	343.40	
250	O-1	462.00	True	455.00	592.16	Free Outfall	455.25	

Current Time: 44.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,866.54	Free Outfall	8.49	
167	O-3	90.00	True	83.00	2,983.40	Free Outfall	83.47	
170	O-2	350.00	True	343.00	1,575.51	Free Outfall	343.41	
250	O-1	462.00	True	455.00	610.15	Free Outfall	455.25	

Current Time: 45.000 hours

FlexTable: Outfall Table (Current Time: 0.000 hours) (Coachella Sewer.stsw)

Current Time: 45.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	2,754.65	Free Outfall	8.47	
167	O-3	90.00	True	83.00	3,577.41	Free Outfall	83.52	
170	O-2	350.00	True	343.00	1,722.15	Free Outfall	343.42	
250	O-1	462.00	True	455.00	812.55	Free Outfall	455.29	

Current Time: 46.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	50.16	Free Outfall	8.07	
167	O-3	90.00	True	83.00	2,061.24	Free Outfall	83.39	
170	O-2	350.00	True	343.00	764.54	Free Outfall	343.27	
250	O-1	462.00	True	455.00	790.78	Free Outfall	455.28	

Current Time: 47.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	29.74	Free Outfall	8.06	
167	O-3	90.00	True	83.00	1,297.51	Free Outfall	83.31	
170	O-2	350.00	True	343.00	559.30	Free Outfall	343.24	
250	O-1	462.00	True	455.00	524.11	Free Outfall	455.23	

Current Time: 48.000 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Flow (Total Out) (gpm)	Boundary Condition Type	Hydraulic Grade (ft)	Notes
165	O-4	15.00	True	8.00	157.18	Free Outfall	8.16	
167	O-3	90.00	True	83.00	1,249.36	Free Outfall	83.31	
170	O-2	350.00	True	343.00	577.00	Free Outfall	343.25	
250	O-1	462.00	True	455.00	500.59	Free Outfall	455.23	

Appendix K3: Domestic Water System Study

KPC Coachella

Domestic Water System Study

Prepared for:
City of Coachella

Prepared by:

Contact Persons:
Michael Sutton, P.E., Kimley-Horn
Charlie Marr, P.E., Charles Marr Consulting

CMC JN 002KH2
CMC JN 002KH3

November 9, 2022
REVISED May 18, 2023
Revised July 7, 2023

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Exhibits

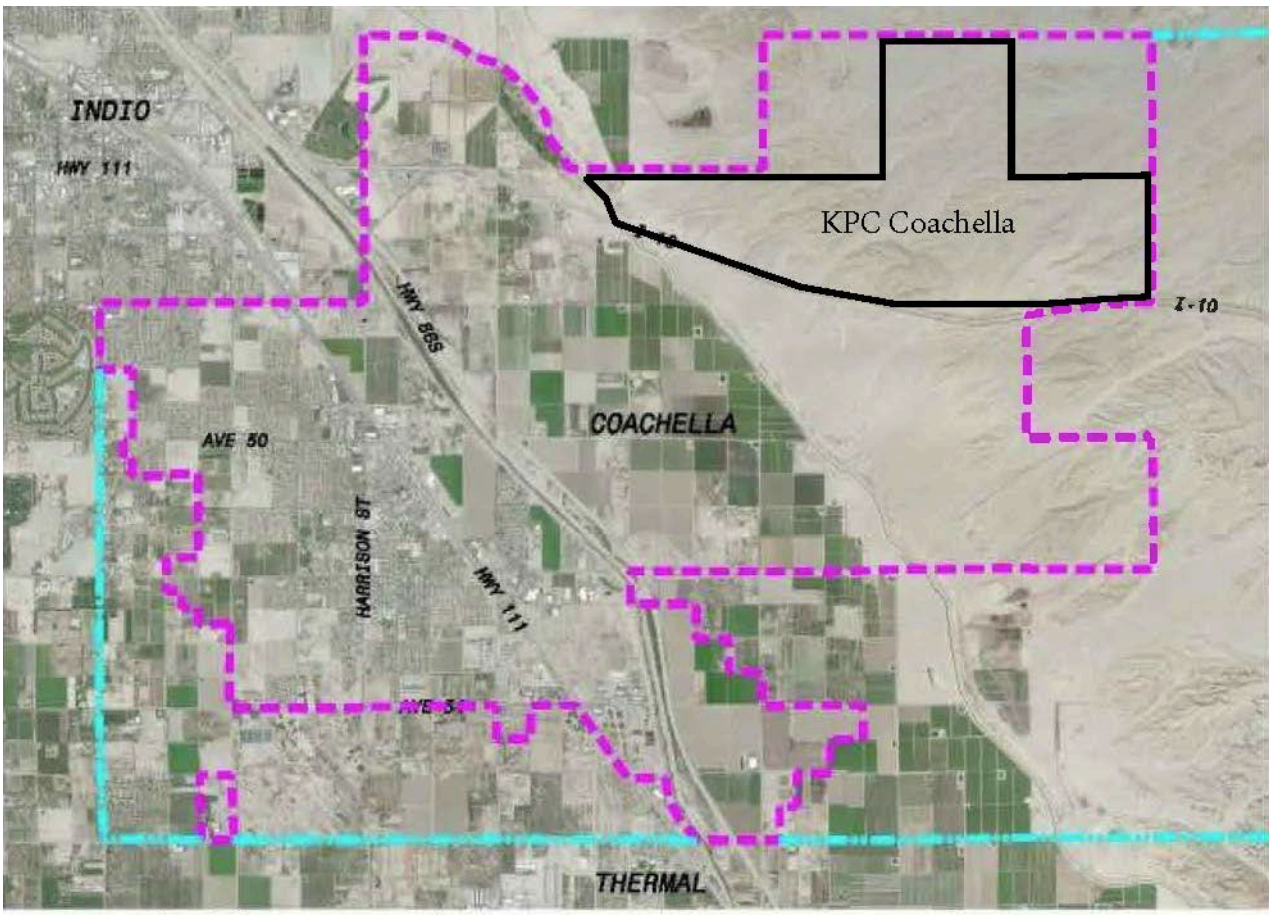
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APPENDIX

A Water Demand Calculations
B Computer Model Results

I. Introduction

Kimley-Horn was contracted by KPC Coachella to prepare a master plan for domestic water supply and on-site distribution, as an extension of the City of Coachella's water system, for the proposed KPC Coachella (KPCC) planned community. The KPC development is proposed to include residential and non-residential land uses in seven separate subareas (phases). **Exhibit 1** shows the regional vicinity of KPCC within the city of Coachella.



Source: City of Coachella 2017 Water Master Plan

EXHIBIT 1

Exhibit 2 shows the Project site within the City's General Plan subareas.

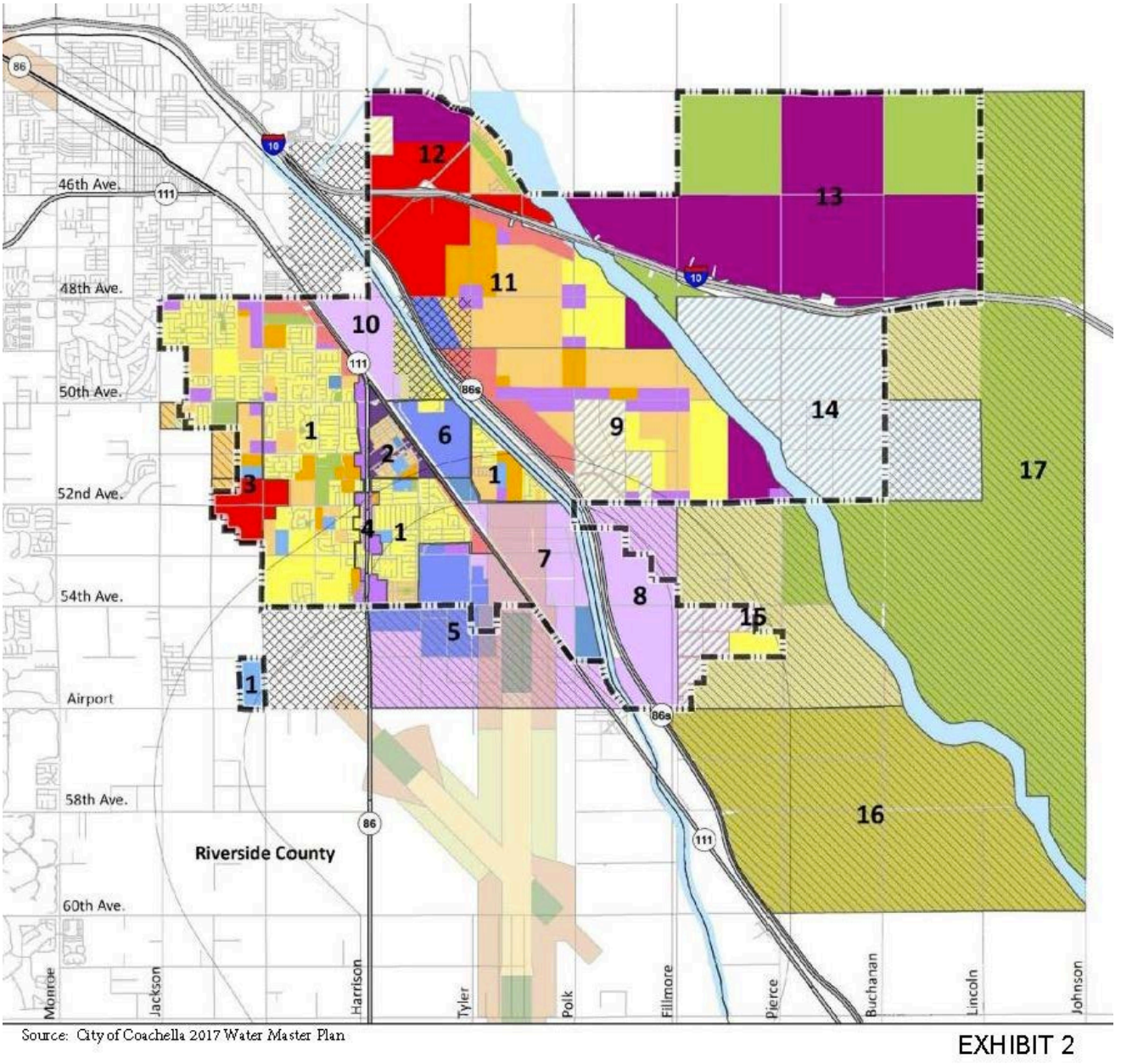


EXHIBIT 2

The Project site lies within the City of Coachella at the extreme northeast section of the City within all or portions of five contiguous sections generally bounded by Interstate 10 to the south, the Coachella Canal to the west, and Avenue 46 (Vista Del Norte) and Avenue 44 (paper) to the north. A conceptual earthwork analysis was prepared for the purposes of developing topography for planning purposes, and defining the seven general Areas (or Phases) of KPCC development. The Areas are shown in **Exhibit 3**, and the specific planning land uses are shown within Villages A through E on **Exhibit 4**.

KPC DESERT LAKES
EARTHWORK

CUT

FILL

PHASE BOUNDARY

HYDROLOGIC
AREA OF CONCERN



NORTH

EXHIBIT 3

K:\RIV_LDEV\194079001_KPC_Group_Coachella\CAD\Exhibits\2018.11.05 Overall Grading FG & EQ\KPC OVERALL EQ PH 1-7.dwg

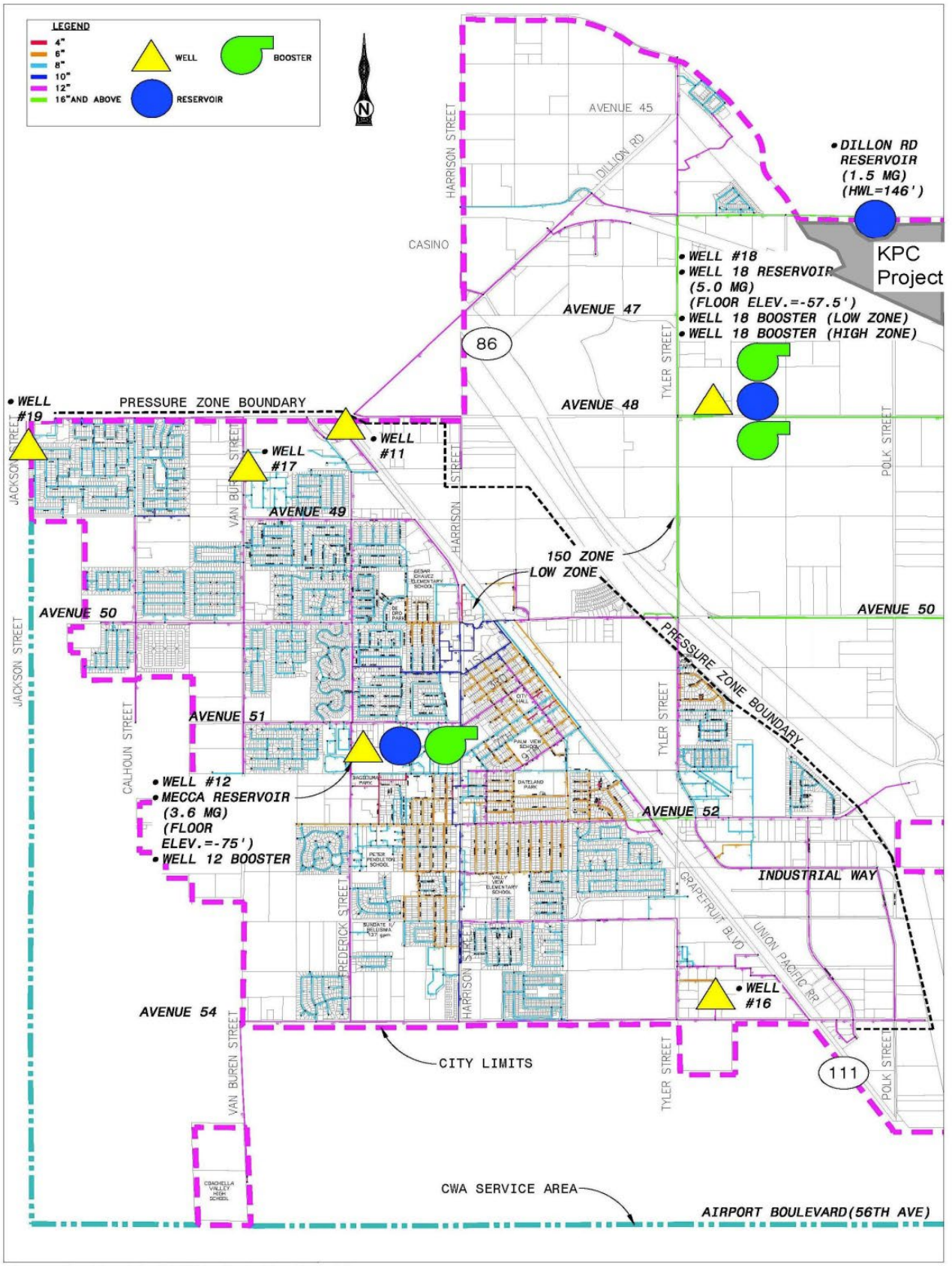
Kimley»Horn


LEGEND:
Very Low Density Residential
Low Density Residential
Medium Density Residential
High Density Residential
Mixed Use
Institutional (Schools)
Casino/Entertainment Center/Hotels
Parks, Greenways, and Amenity Centers
New Agricultural Production
Drainage and Other Open Space
Bridges
Roundabouts
Pedestrian / Bicycle Trail
Electrical/Gas Easement
NTS
N
Vista del Norte
All American Canal
Future Interchange
Avenue 50
Agricultural Educational Center
DR-5A 166.8 AC
POTENTIAL ACTIVE ADULT COMMUNITY
Pedestrian Promenade
D-1 57.0 AC
D-2 54.4 AC
D-3 36.2 AC
D-4 43.2 AC
D-5 22.0 AC
D-6 25.3 AC
D-7 49.5 AC
OS-14 42.6 AC
OS-15 14.7 AC
OS-12 10.5 AC
OS-13 34.7 AC
DR-6 4.3 AC
DR-7 5.1 AC
C-6 32.6 AC
ELEM./ MIDDLE SCHOOL
C-5 7.8 AC
C-7 50.0 AC
SPORTS FIELD AND TRAIL CONNECTORS
DR-4 2.0 AC
C-4 5.0 AC
OS-9A 8.6 AC
DR-5B 4.7 AC
DR-8 57.6 AC
DR-1 99.5 AC
OS-1 33.5 AC
A-1 32.0 AC
OS-2 25.8 AC
A-2 48.8 AC
OS-3 14.6 AC
A-3 15.6 AC
ELEM. SCHOOL
A-4 24.5 AC
A-5 51.0 AC
WELLNESS UNIVERSITY (OVERLAY DISTRICT)
OS-4 13.5 AC
A-8 23.0 AC
A-9 10.2 AC
A-10 24.2 AC
A-7 100.0 AC
DR-2 93.3 AC
OS-5 8.9 AC
A-6 28.5 AC
A-11 16.7 AC
A-12 18.0 AC
B-1 32.0 AC
SPORTS COMPLEX
OS-11 A 48.2 AC
CYCLING PARK
C-1 23.4 AC
PERFORMING ARTS AMPHITHEATER
C-2A 21.9 AC
C-3 22.4 AC
DR-9A 15.0 AC
DR-9B 25.9 AC
DR-9C 20.0 AC
B-2 27.1 AC
HOTEL/ ENTERTAINMENT CENTER
B-3 29.6 AC
MIXED USE AND WELLNESS COMPLEX
B-4 30.8 AC
OS-6 52.1 AC
OS-7 37.8 AC
OS-8A 16.8 AC
B-6A 31.9 AC
B-5 71.5 AC
OS-8B 1.9 AC
OS-8C 0.5 AC
B-6-B 35.3 AC
B-7 13.5 AC
B-8 50.6 AC
OS-9B 4.1 AC
ELM. SCHOOL
OS-9C 1.5 AC
B-9 12.4 AC
OS-10 4.9 AC
E-3 12.38 AC
DR-7 4.2 AC
OS-16 42.6 AC
E-2 39.0 AC
AGRICULTURE VINEYARD ESTATES
E-1 31.2 AC
E-4 35.0 AC
E-5 22.0 AC
OS-20 25.8 AC
E-6 40.2 AC
OS-21 17.0 AC
E-7 38.0 AC
DR-5C 222.5 AC
EXHIBIT 4

The City of Coachella's water utility, Coachella Water Authority, will be the water purveyor for the Project development. This analysis of the water distribution system was developed for the Owner's review and understanding of the possible water facilities required for the Project as well as for the City's review and approval of a concept plan.

II. City's Water System

The proposed primary water supply connection for KPC Coachella is at existing water facilities operated by the City and the Coachella Water Authority (CWA), and is located adjacent to Polk Street and Vista Del Norte (Avenue 46). A 16-inch transmission pipeline supplies flow to the 'High' (146-foot) Zone 1.5 million-gallon reservoir at this location (Dillon Road Reservoir). The City also operates a "Low" pressure zone for the lower lying development generally located south of Avenue 48 and west of Highway 86. Supply facilities serving the High Zone reservoir at the proposed connection are located at Avenue 48 and Tyler Street, which includes Well 18, a five million gallon reservoir, and booster pumps to supply flows to both City pressure zones. The High Zone booster pump station supplies the High Zone tank at the proposed connection location. **Exhibit 5** shows the City's existing water supply and distribution system.



Source: City of Coachella 2017 Water Master Plan, Figure 5-1

EXHIBIT 5

Based on the City's current Water Master Plan (TKE Engineering Inc, August 2017), the City anticipates development of higher zones for new water distribution systems to serve development in the higher elevations north of Avenue 48 and east of the Coachella Canal. Because the KPCC Project area was included in the Master Plan, higher gradients are required for the proposed distribution system. Therefore, additional wells and booster pumping are required to increase the City's water supply and production capacity for service to the Project.

Currently, the CWA groundwater supply is from the Indio Subbasin, with its proven and reliable management and well-documented history. CVWD maintains the Indio Subbasin and administers its groundwater replenishment programs as the primary supply for the East Valley. KPCC is one of the major planned developments located outside of the basin, east of the San Andreas fault which acts as the easterly boundary of the basin providing hydraulic separation from the Desert Hot Springs Subbasin. Because of the lack of investigation of the production capacity of groundwater located east of the fault in which the KPCC project site overlies, the CWA master plan of supply is based on supply and conveyance systems from the Indio Subbasin to proposed developments on the east side of the City. Additionally, the CVWMP Update indicates this portion of the Desert Hot Springs Subbasin (Fargo Canyon aquifer) has limited natural inflow estimated at less than 25 percent of the ultimate needs of the KPCC project alone. The anticipated elevated salinity levels of the Fargo Canyon aquifer would likely require a more costly level of on-going salinity management than sources produced from the Indio Subbasin. Therefore, for the purposes of the KPCC Domestic Water System Study, it is assumed that expanded groundwater production from the future well sites identified in the CWA WMP, along with a robust and redundant transmission system, will serve as the primary water supply for KPCC.

Booster pumps, transmission and distribution piping, and reservoirs are planned within the KPCC project boundaries in a multiple pressure zone configuration in order to serve elevations ranging from approximately 100 feet above mean sea level (amsl) to approximately 850 feet amsl.

III. Land Use

The 2,808-acre KPCC development project is proposed to develop residential densities from one (low) to 25 (high) dwelling units per acre for a total of 9,536 dwelling units on approximately 1,291 acres, including area associated with Mixed Use Commercial, Hotel / Entertainment Venue, open space, public use, and roads are proposed to make up the remaining area. Mixed use residential units are proposed at 845 of the total 9,536. Non-residential land uses are proposed to include commercial, entertainment, hotels, schools and open space. Table 1 is a summary of the proposed land uses of the Project:

Table 1 - Land Use Summary Table (November 2022)						
Land Use	Gross Acres (AC)	% Area	Density (DU/AC)	Dwelling Units (DU)	FAR	Square Footage (SF)
Residential						
Very Low Density Residential	152	5.61%	1	152		
Low Density Residential	362	13.33%	5	1,811		
Medium Density Residential (Includes NAP)	419	15.09%	10	4,187		
High Density Residential	102	3.74%	25	2,542		
Residential Sub-total	***1,035***	**37.76%**		**8,692**		
Commercial						
Mixed-Use (Includes NAP)	255	8.11%	10	844	0.25	1,865,518
Hotel (375 keys)	27	1.00%				100,000
Entertainment venue	23					75,000
Commercial Sub-total	***306***	**9.97%**		**844**		**2,040,518**
Open Space						
Parks, Greenways, and Amenity Centers (Includes	395	13.95%				
New Agricultural Production	68	2.52%				
Drainage and Other Open Space (Includes NAP)	754	26.61%				
Open Space Sub-total	***1,217***	**43.08%**				
Institutional						
Elementary School	38	1.41%				
Middle School	33	1.20%				
Institutional Sub-total	***71***	**2.60%**				
ROW/Streets	179	8.08%				
TOTAL (SP AREA)	***2,808***	**100.00%**		**9,536**		**1,782,813**

IV. Water Demands

The domestic water demands were determined using the City's Planning and Design Criteria as outlined in the 2017 Water Master Plan. All land uses use the per-acre factor as described in the Master Plan. A base unit demand of 2.69 to 2.85 acre-feet per year per acre (AFY/Ac) was used for all residential based on density. A demand factor of 1.32 to 1.80 AFY/Ac was used for the non-residential land uses depending on type, i.e. mixed-use, commercial, open space irrigation and schools. The maximum-day and peak-hour demands were determined by multiplying peaking factors by the average day demand values. The peaking factors used are 1.9 and 3.1 times Average Day Demands for maximum-day and peak-hour demand, respectively. The average, maximum-day and peak-hour demands for the designated Villages are summarized in **Table 2**.

Table 2 - KPC Coachella Water Demand Summary

Village	Area	Average			Max Day	Peak Hour
A	2 & 3	1,249 AFY	1,115,505 gpd	775 gpm	1,472 gpm	2,401 gpm
B	1 & 5	1,060	946,781	657	1,249	2,038
C	4	592	528,792	367	698	1,138
D	6	934	834,329	579	1,101	1,796
E	7	756	674,939	469	891	1,453
Total		***4,593 AFY***	***4,100,347 gpd***	***2,847 gpm***	**5,410 *gpm***	**8,827 *gpm***

The detailed water demand calculations are included in **Appendix A**.

V. Domestic Water System Facilities

The proposed water system was evaluated using the City's design criteria from the 2017 Water Master Plan. The design criterion is summarized in **Table 3**.

Table 3 - Water System Evaluation Criteria

Evaluation Criteria	Value	Units	Evaluation Demand Conditions
Demand Peaking Factors			
Max Day Demand	1.9 X ADD	gpm, MGD	N/A
Peak Hour Demand	3.1 X ADD	gpm, MGD	N/A
Fire Flows			
Mobile Homes and Manufactures Housing	500	gpm	MDD - 2 hrs
Single Family Residential	1,000	gpm	MDD - 2 hrs
Multi-Family Residential, Commercial, and light Industrial lot < 1 AC	2,500	gpm	MDD - 2 hrs
Entertainment and Hotel	3,000	gpm	MDD - 2 hrs
School	3,500	gpm	MDD - 2 hrs
Commercial, and Medium Industrial lot > 1 AC	4,000	gpm	MDD - 2 hrs
Heavy Industrial	5,000	gpm	MDD - 2 hrs
System Pressures			
Minimum Pressure, during peak hours	40	psi	PHD
Minimum Pressure, with fire flow	20	psi	MDD + FF
Maximum Pressure, during average day	110	psi	ADD
Maximum Pipeline Velocity			
Maximum Velocity, during peak hours	7	fps	PHD
Maximum Velocity, with fire flows	10	fps	MDD + FF

Source: Coachella Water Master Plan (TKE, 2017), Table 6-1.

Ultimately, CWA will need to operate adjacent water systems in unison with the KPCC system. As such, the basis of the proposed on-site distribution system is the proposed reservoir site elevations for the La Entrada development to the south. The following describes the on-site water facilities required for efficient water distribution to all KPCC Villages in a multi-pressure zone system.

Pipelines and Booster Pumps

Pipelines were sized to ensure that minimum pressures are met throughout the system while providing the required fire flows and adhering to the City's system criteria. New pipelines for the study area include backbone system transmission mains for supplying three primary pressure zones which are planned to be consistent with the planned hydraulic gradients of the proposed La Entrada development. The 480 Zone (called '450 Zone' in the La Entrada study, MBI, July 2017) pumps are proposed to be located at the existing Dillon Road Reservoir site for the purpose of supplying the proposed 480 Zone storage facility (450-foot pad el.). Similarly, the proposed 650 Zone (called '620 Zone' in the La Entrada study, MBI, July 2017) pumps are proposed to be located at the 480 Zone reservoir site, and are for supplying the proposed 650 Zone reservoir (620-foot pad el.); and the proposed 890 Zone pumps at the proposed 650 Zone reservoir site are for supplying the proposed 890 Zone reservoir (860-foot pad el.). Because the primary source for KPC Coachella is proposed from the Dillon Street Reservoir, 100 percent of the Project's demands must come from the proposed pump station at the Dillon Street Reservoir site. Supply to each new reservoir site for the Project is proposed in 'stair-step' fashion. Therefore, proposed firm pumping capacities for each proposed reservoir site is as follows:

Table 4 - KPC Coachella Pumping Capacities

Village	Area	Max-Day Demand - gpm					
		480 Zone	650 Zone	720 Zone (PR)	890 Zone	Hydro	Village Totals
A	2 & 3	1,049	423	0	0	0	1,472
B	1 & 5	0	468	462	318	0	1,248
C	4	0	266	431	0	0	697
D	6	0	0	336	765	0	1,101
E	7	0	0	0	459	431	890
Zone Totals		**1,049**	**1,157**	**1,229**	**1,542**	**431**	**5,408**
Proposed Firm Pumping Capacity [1]		7,211 gpm	5,812 gpm	-[2]	4,269 gpm [2]	2,000 gpm [3]	-

[1] Based on providing maximum-day volume over 18 hour pumping window.

[2] The 720 Zone is proposed to be pressure-reduced from the 890 Zone; therefore, 890 Zone pumping includes capacity for 720 Zone.

[3] Hydropneumatic Zone is proposed without storage capacity at elevation, and is planned for 24-hour pumping to meet peak-hour and emergency fire flow demands.

It's within generally accepted industry standards to pump at a rate that generates an average velocity of four (4) to five (5) feet per second. Thus, at the above pumping rates, the discharge pipelines will require 24-inch, 20-inch and 16-inch diameter pipelines, for 480, 650 and 890 Zone pumping capacities, respectively. All other circulating distribution pipelines are proposed to be eight or 12 inches in diameter to meet the City's velocity criteria for fire flow and daily demands (Table 3). Additional in-tract pipelines will be needed for service to all users and will require analysis at the time of tentative tract map approval.

Reservoirs and Pressure Reducing Stations

The Project will require a total storage volume of 11.4 million gallons (MG) distributed among the three primary pressure Zones as described above – 480 Zone, 650 Zone and 890 Zone. The 720 Zone is proposed to be a pressure-reduced zone from the 890 Zone which may facilitate phasing of later KPCC construction within Areas 6 and 7. Also, it would reduce parallel pipe construction in Area 6. As later phases of KPCC begin final design, it may prove more feasible to construct a 720 Zone tank at the highest pad possible within Area 6 and DR-5A adjacent to planning area OS-14. This should be re-evaluated as part of future studies to ensure the most economical expansion of the water system during later phases. The total storage volume is based on the estimated maximum-day demand (MDD) within each pressure zone and the following storage components: 25 percent of MDD for operational, 100 percent for emergency, and the respective fire flow for each pressure zone based on the criteria as set forth in Table 3. The total volume is distributed among the three primary pressure zones as shown in Table 5.

Table 5 - KPC Coachella Water Distribution Storage

Zone	Village	Area	Elevations Served	Max Day Demand	Operational	Emergency	Fireflow [1]	Total Storage
480 (450' pad)	A	2 & 3	100' - 330'	1.51 MG	0.38 MG	1.51 MG	0.42 MG	2.31 MG
650 (620' pad)	A	2 & 3	330' - 500'	0.61 MG	-	-	-	-
	B	1 & 5		0.67	-	-	-	-
	C	4		0.38	-	-	-	-
	Total			1.67	0.42 MG	1.67 MG	0.42 MG	2.50 MG
720 (PR Zone)	B	1 & 5	500' - 610'	0.67 MG	-	-	-	-
	C	4		0.62	-	-	-	-
	D	6		0.48	-	-	-	-
	Total			1.77	0.44 MG	1.77 MG	- [4]	0 MG [2]
890 (860' pad)	B	1 & 5	610' - 750'	0.46 MG	-	-	-	-
	D	6		1.10	-	-	-	-
	E	7		0.66	-	-	-	-
	Total			2.22	0.56 MG	2.22 MG	0.48 MG	6.36 MG [2][3]
Hydro	E	7	>750'	0.62 MG	0.16 MG	0.62 MG	0.12 MG	0 MG [3]
Total				**7.79 MG**	**-**	**-**	**-**	**11.18 MG**

[1] Pursuant to City of Coachella Water Master Plan (TKE, 2017), fire flow volume criteria is as follows:
- SF Residential = 1,000 gpm for 2 hrs = 0.12 MG;
- MF Residential, Mixed-Use Commercial = 2,500 gpm for 2 hrs = 0.30 MG;
- Casino and Hotel = 3,000 gpm for 2 hrs = 0.36 MG;
- Schools = 3,500 gpm for 2 hrs = 0.42 MG
- Commercial (> 1 Ac) = 4,000 gpm for 2 hrs = 0.48 MG

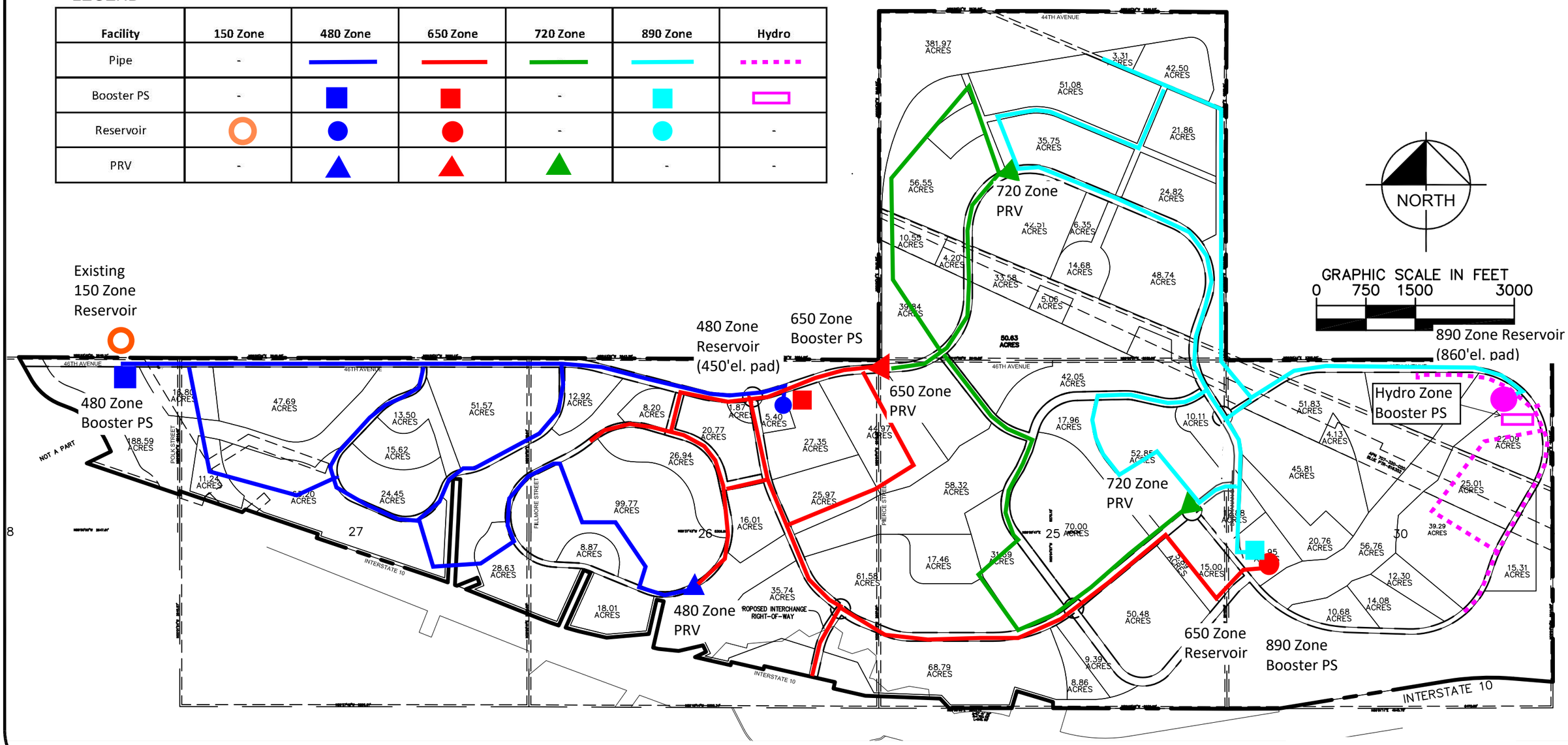
[2] The 720 Zone is proposed to be pressure-reduced from the 890 Zone; therefore its storage needs are added to 890 Zone.
[3] The hydropneumatic zone is a closed zone supplied by the 890 Zone; therefore, its storage needs are added to 890 Zone.
[4] Fire flow volume for Commercial is included in 890 Zone storage.

It should be noted that, based on this analysis of developing the 720 Zone as a pressure-reduced zone, all 720 Zone storage requirements would be added to the 890 Zone. Similarly, for the closed system pressure zone (assumed here to be a hydropneumatic zone) supplied by the 890 Zone at the extreme east end within Area 7, all closed system storage requirements would also be added to the 890 Zone storage facility.

The topography of the conceptual grading plan provided for this master planning study shows the Project site generally increases in elevation from west to east. This topography necessitates multiple pressure zones of water service for the KPCC Project. Table 5 also outlines the range of elevations for service for all five pressure zones to meet City service pressure criteria. Individual pressure regulators will be needed for services with pressures expected to exceed 80 psi. Public pressure-reducing stations are proposed for service to elevations too low for direct service from the 890 Zone, thus the need for a pressure-reduced zone (720 Zone). Additionally, services within Area 3 at the extreme west end of the KPCC development may exceed 110 psi pressure. In which case, CWA may implement pressure-reducing stations to isolate these low service areas in order to prevent excessive service pressures. **Exhibit 6** shows the proposed water distribution system backbone for the KPC Coachella project.

LEGEND

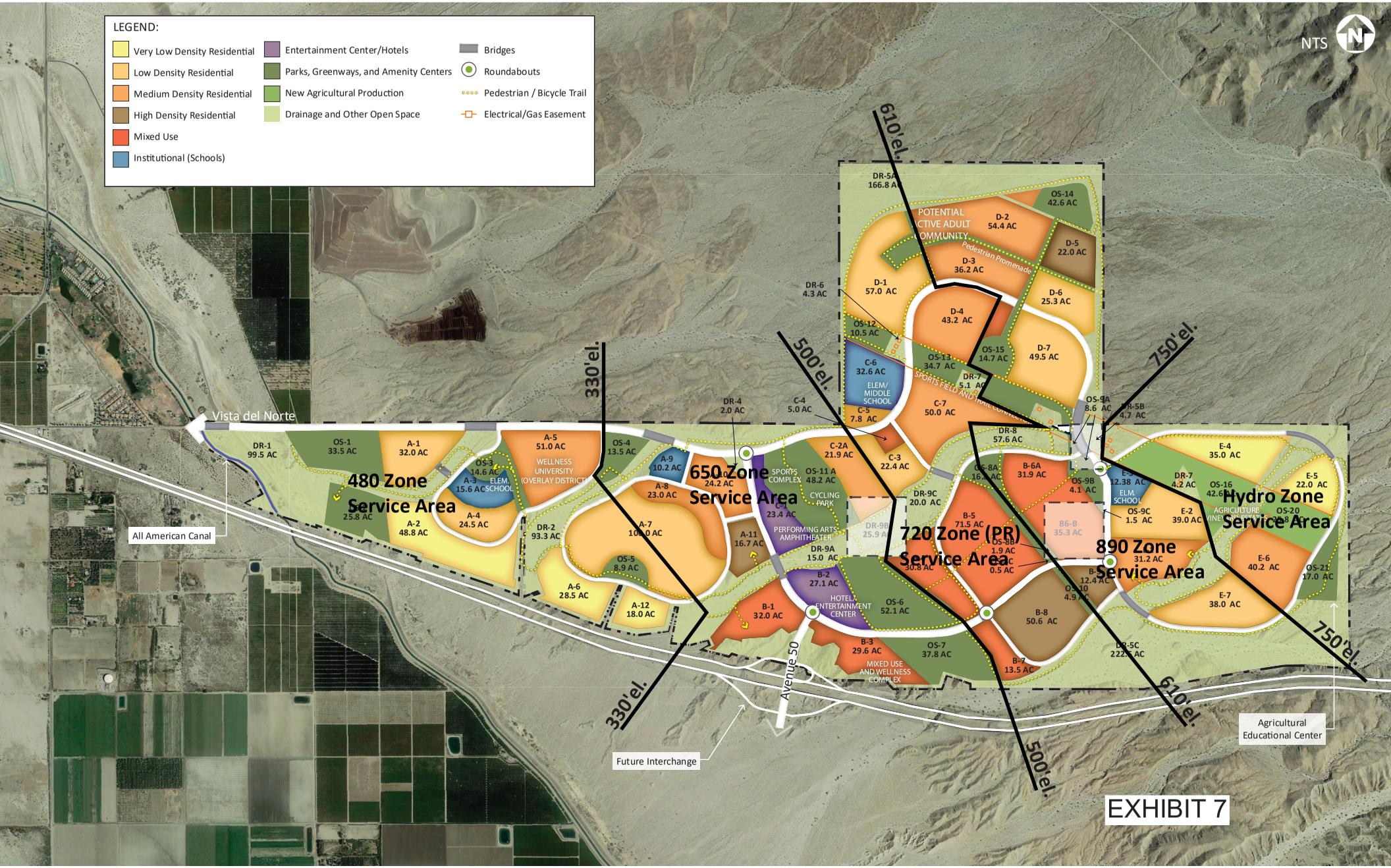
Facility	150 Zone	480 Zone	650 Zone	720 Zone	890 Zone	Hydro
Pipe	-					
Booster PS	-			-		
Reservoir				-		-
PRV	-				-	-



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EXHIBIT 6

All of Areas 1, 2 and 3 are within the service areas of the 650 and 480 Zones. Areas 4, 5, 6 and 7 would require higher pressure zones of service. Currently, these areas are slated for later phases of construction and should be re-evaluated for pumping and storage. For the purposes of the master water plan for KPCC, it is assumed the proposed 720 Zone could be more economically served with pressure-reducing valves from the 890 Zone. This would require constructing 890 Zone storage at the east end of KPCC within Area 7 or developing a storage site for the 720 Zone within Area 6. **Exhibit 7** illustrates the pressure zone boundary locations most feasible for KPCC.

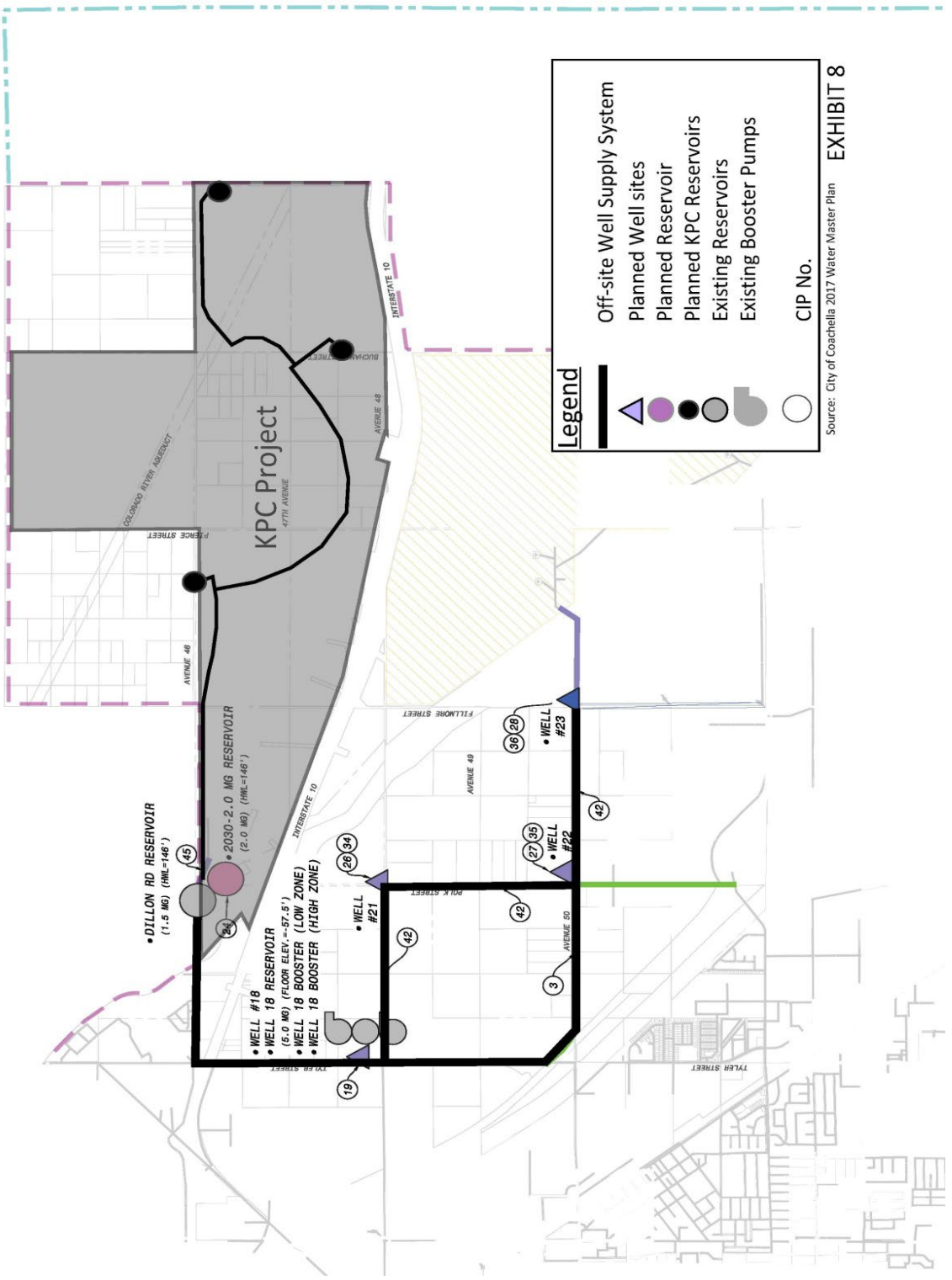

LEGEND:
Very Low Density Residential
Low Density Residential
Medium Density Residential
High Density Residential
Mixed Use
Institutional (Schools)
Entertainment Center/Hotels
Parks, Greenways, and Amenity Centers
New Agricultural Production
Drainage and Other Open Space
Bridges
Roundabouts
Pedestrian / Bicycle Trail
Electrical/Gas Easement
NTS
610'el.
500'el.
330'el.
750'el.
Vista del Norte
All American Canal
480 Zone Service Area
650 Zone Service Area
720 Zone (PR) Service Area
890 Zone Service Area
Hydro Zone Service Area
POTENTIAL ACTIVE ADULT COMMUNITY
Pedestrian Promenade
SPORTS FIELD AND PARK COMPLEX
ELEM./ MIDDLE SCHOOL
ELEM. SCHOOL
WELLNESS UNIVERSITY (OVERLAY DISTRICT)
SPORTS COMPLEX
CYCLING PARK
PERFORMING ARTS AMPHITHEATER
HOTEL/ ENTERTAINMENT CENTER
MIXED USE AND WELLNESS COMPLEX
AGRICULTURE
Avenue 50
Future Interchange
Agricultural Educational Center
EXHIBIT 7

VI. Water Supply

The City supplies its users almost exclusively with groundwater. Based on review of the City's 2017 Water Master Plan, six active wells provide a total firm capacity for the City of 8,454 gpm and supplied a total demand of 7,216 AF in 2020. On average each well provides approximately 1,000 AFY, ranging in design capacities of 1,371 gpm to 2,323 gpm. The City's master plan calls for six new well sites to be developed for the 150+ Zones by 2035, based on the assumed phasing of major development projects proposed at or above approximate mean sea level elevation of 30 feet. The City's Water Master Plan provides for 10 percent buildout of the KPC Coachella property by the 2035 planning horizon.

According to the City's 2017 Water Master Plan, KPCC lies within the Desert Hot Springs Subbasin and the Fargo Canyon subarea. This has recently been characterized as generally low quality water with limited yield potential. Therefore, all groundwater pumping will likely be developed within the subbasin west of the San Andreas Fault to avoid these concerns. For the purposes of the Project master plan, it is anticipated that the conceptual sites identified by the City's Water Master Plan would be used for developing additional groundwater supply for KPCC. The City will monitor future 150+ Zones well pumping needs as the Project and other future development projects progress within General Planning Subareas 13 and 14 (Exhibit 2). KPCC's average and maximum-day demands for both domestic and irrigation needs are approximately 2,847 and 5,410 gpm, respectively, with a total annual production need of 4,663 AF.

Well 18 is currently the only well in operation by the City for the 150 (High) Zone. KPCC will require supplies from Well 18 and the storage and booster pumping at Avenue 48 and Tyler Street (Tyler Street site). The City's Water Master Plan indicates that there is a deficiency in groundwater pumping capacity for the 150 and 150+ Zones. Therefore, groundwater production wells will be required for the initial phase of KPCC. **Exhibit 8** illustrates the locations of existing and planned groundwater pumping sites proposed to serve the Project.


KPC Project
Legend
Off-site Well Supply System
Planned Well sites
Planned Reservoir
Planned KPC Reservoirs
Existing Reservoirs
Existing Booster Pumps
CIP No.
Source: City of Coachella 2017 Water Master Plan
EXHIBIT 8
• DILLON RD RESERVOIR (1.5 MG) (HWL=146')
• 2030-2.0 MG RESERVOIR (2.0 MG) (HWL=146')
• WELL #18
• WELL 18 RESERVOIR (5.0 MG) (FLOOR ELEV. =-57.5')
• WELL 18 BOOSTER (LOW ZONE)
• WELL 18 BOOSTER (HIGH ZONE)
• WELL #21
• WELL #22
• WELL #23
INTERSTATE 10
AVENUE 48
AVENUE 49
AVENUE 50
FILLMORE STREET
POLK STREET
TYLER STREET
PIERCE STREET
COLORADO RIVER AQUEDUCT
47TH AVENUE

VII. Domestic Water System Analysis

The domestic water system hydraulic analysis was performed for the proposed KPCC system shown in Exhibit 6 using InfoWater Hydraulic Modeling Software. The hydraulic model was created using proposed roadway alignments from the conceptual planning study. Elevation grades from the concept grading plan were used to estimate elevations necessary for modeling geometry. The estimated demands were loaded at junctions which were located at roadway intersections and other areas where two or more pipelines conjoin within a given pressure zone. Fire flows based on City criteria from the 2017 Water Master Plan were applied at junctions representing potentially critical and hydraulically remote areas for simulating worst-case scenarios. Each primary Zone (480, 650, and 890) was simulated with the proposed reservoirs at elevation and open to atmospheric pressure. **Table 6** summarizes the operating scenarios and emergency conditions simulated for the analysis.

Table 6 - Computer Modeling Scenarios

Scenario	Description [1]	Zone	Zone Demand	Fireflow [1]
1	Maximum-day demand (MDD)	All	5,410 gpm	-
2	Peak-hour demand (PHD)	All	8,827	-
3	MDD + fire flow @ J104 (SFR)	480 Zone	1,049	1,000 gpm
4	MDD + fire flow @ J120 (School)	480 Zone	1,049	3,500
5	MDD + fire flow @ J208 (School)	650 Zone	1,157	3,500
6	MDD + fire flow @ J220 (Entertainment)	650 Zone	1,157	3,000
7	MDD + fire flow @ J312 (School)	PR (720 Zone)	1,229	3,500
8	MDD + fire flow @ J320 (MU, MFR)	PR (720 Zone)	1,229	4,000
9	MDD + fire flow @ J412 (MU, MFR)	890 Zone	3,202 [2]	4,000
10	MDD + fire flow @ J434 (School)	890 Zone	3,202 [2]	3,500

[1] All scenarios simulate "floating" reservoirs. Hydropneumatic zone demand is simulated adjacent to 890 Zone Reservoir (J442).
[2] Includes MDD for 720 (PR) Zone, 890 Zone, and Hydro Zone. 720 Zone entirely depends on pressure-reduction from 890 Zone.

The results of each scenario were reviewed against the City's water system evaluation criteria (Table 3), namely maximum allowed velocities of flow within the system pipelines, and minimum allowed system pressures. It should be noted that not all roadways are known at this time and internal circulating pipelines are assumed for the purposes of developing a water master plan concept. Due to the unknown pipeline alignments at this early stage of planning, a safety factor of 10 psi is included during evaluation of each simulation scenario.

Another important hydraulic consideration for determining pipe diameters is pressure settings of the pressure-reducing valves planned for the system. With the exception of Zone 3 (720 Zone), all pressure-reducing valves (PRVs) simulated with the model were considered secondary (backup) supply to the normal hydraulic supply from the fixed hydraulic gradients provided by the tanks floating each zone. Only limited flows were allowed to be supplied from the PRVs as backup hydraulic sources. Hence, the analysis recorded the PRV flows, as well as the flows draining from the tanks. And, with the exception of Zone 5 (hydropneumatic zone), all pumping was turned off. **Table 7** summarizes the hydraulic results of each scenario. **Appendix B** includes an

illustration of the system schematic, and the complete input and output data from the computer analysis.

Table 7 - Computer Modeling Results

Scenario	Description [1]	Zone	Total Pertinent Zone Demand [2]	Flow from Pertinent Reservoirs	Flow from Pertinent PRV	Max Pipe Velocity [4]	Min. 'Service' Junction Pressure
1	Maximum-day demand (MDD)	All	5,410 gpm	5,410 gpm	-	3.38 fps @ P45	45.3 psi @ J122
2	Peak-hour demand (PHD)	All	8,827	8,975 gpm	349 gpm	5.50 fps @ P45	45.1 psi @ J122
3	MDD + FF (1,000gpm) @ J104 (SFR)	480 Zone	2,049	2,049 gpm	-	3.72 fps @ P157	44.8 psi @ J122
4	MDD + FF (3,500gpm) @ J120 (School)	480 Zone	4,549	4,312 gpm	282 gpm	6.94 fps @ P135	42.9 psi @ J122
5	MDD + FF (3,500gpm) @ J208 (School)	650 Zone	4,657	3,445 gpm	1,211 gpm	5.53 fps @ P113	42.9 psi @ J222
6	MDD + FF (3,000gpm) @ J220 (Entertainment)	650 Zone	4,157	3,295 gpm	880 gpm	4.27 fps @ P45	43.3 psi @ J222
7	MDD + FF (3,500gpm) @ J312 (School)	720 'PR' Zone	4,729 [3]	-	4,729 gpm	7.03 fps @ P45	52.5 psi @ J314
8	MDD + FF (4,000gpm) @ J320 (MU, MFR)	720 'PR' Zone	5,229 [3]	-	5,274 gpm	8.39 fps @ P45	35.0 psi @ J410
9	MDD + FF (4,000gpm) @ J412 (MU, MFR)	890 Zone	7,247 [3]	7,247 gpm	-	8.82 fps @ P49	23.7 psi @ J410
10	MDD + FF (3,500gpm) @ J436 (School)	890 Zone	6,747 [3]	6,747 gpm	-	8.67 fps @ P45	33.6 psi @ J434

[1] All scenarios simulate instantaneous conditions. Hydro Zone demands on 890 Zone accounted for at Junction J442.

[2] Includes only zone of fire flow plus fire flow for Scenarios 3 through 11.

[3] Include MDD for PR, 890 and Hydro zones; PR and Hydro zones entirely depend on supply from 890 Zone.

[4] Table 3: Max pipe velocity during normal operation is 7 feet per sec (fps). Max pipe velocity during fire flow conditions is 10 fps.

The land use plan shows planning areas designated for irrigation purposes, including open space, new agricultural production, parks, greenways and amenity centers. These areas could conceivably be served by a non-potable water supply, which would require a separate water system. However, for the purposes of the KPCC Domestic Water System analysis, the irrigation flows for these areas were incorporated into the domestic water system in order to account for 100-percent of project demands served by the domestic water system.

VIII. Concept Cost Estimates

A concept cost estimate for engineering and construction of the domestic water facilities analyzed for the KPCC Water Master Plan (Plan) is included here. Backbone system costs for tanks, pumps, pressure-reducing stations and transmission pipelines within the roadways included in the concept plan and sized pursuant to the Plan are included in **Table 8**.

Table 8 - Concept Cost Estimate

Item Description	Quantity	Unit	Unit Cost	Estimated Water System Cost (2022 $) Total	Assumed KPCC Share	
On-site						
8" Sewer	44,166	lf	$ 125 /lf	$ 5,520,752	100%	$ 5,520,752
12" Sewer	41,266	lf	$ 188 /lf	7,737,373	100%	7,737,373
16" Sewer	3,676	lf	$ 250 /lf	918,907	100%	918,907
20" Sewer	16,030	lf	$ 281 /lf	4,508,494	100%	4,508,494
24" Sewer	9,360	lf	$ 313 /lf	2,925,114	100%	2,925,114
480 Zone PS	7,500	gpm [1]	lump sum	1,875,000	100%	1,875,000 [1]
650 Zone PS	6,000	gpm [1]	lump sum	1,562,500	100%	1,562,500 [1]
890 Zone PS	4,200	gpm [1]	lump sum	1,250,000	100%	1,250,000 [1]
480 Zone storage	2.12	MG	1.56 /gal	3,312,500	100%	3,312,500
650 Zone storage	2.67	MG	1.56 /gal	4,171,875	100%	4,171,875
890 Zone storage	6.59	MG	1.56 /gal	10,296,875	100%	10,296,875
Hydro-zone tank & PS	2,000	gpm	lump sum	625,000	100%	625,000
Pressure Reducing Stations	4	ea	312,500 /ea	1,250,000	100%	1,250,000
Subtotal (On-site)						**$ 45,954,389**
Off-site [2]						
CIP 3 - 16" TM	4,875	lf [3]	$ 375 /lf	$ 1,828,125	100%	$ 1,828,125
CIP 3 (upsize) - 24" TM	4,575	lf	$ 438 /lf	2,001,563	100%	2,001,563
CIP 42 - 24"	18,550	lf	$ 438 /lf	8,115,625	50% [4]	4,057,813
Tyler St - Add'l 24" TM (Ave 46 to Ave 50)	10,600	lf	$ 438 /lf	4,637,500	100%	4,637,500
Ave 46 - Add'l 24" TM (Tyler to KPCC)	4,000	lf	$ 438 /lf	1,750,000	100%	1,750,000
CIP 19 (Well #18)	1	ea	lump sum	3,750,000	100%	3,750,000
CIP 7 (Well #20)	1	ea	lump sum	4,687,500	75% [5]	3,515,625
CIP 26, 34 (Well #21, treatment)	1	ea	lump sum	6,250,000	100%	6,250,000
CIP 27, 35 (Well #22, treatment)	1	ea	lump sum	6,250,000	100%	6,250,000
CIP 28, 36 (Well #23, treatment)	1	ea	lump sum	6,250,000	100%	6,250,000
CIP 24 (Supply Storage)	2	MG	1.56 /gal	3,125,000	75% [5]	2,343,750
Well #18 Booster (150 Zone)	6,500	lf	lump sum	1,250,000	100%	1,250,000
Subtotal (Off-site)						**$ 43,884,375**
Total						**$ 89,838,764**

[1] Represents FIRM pumping capacity. Costs include additional capacity for standby pumping and TOTAL station pumping capacity.
[2] Based on costs included in the City's 2017 WMP Capital Improvement Program, adjusted to 2022 dollars.
[3 KPCC (Sub Area 13) only needs Avenue 50 portion.
[4] Assumes 50-50 share with future La Entrada development.
[5] Assumes 25% share by other developments besides La Entrada.

As shown in Table 8, Capital Improvement Projects have been identified from the City's Water System Master Plan specifically needed for reliable KPCC water service. The City's Water Master Plan provides for system facilities to Year 2035 and assumes approximately 10 percent of the KPCC project demands. The Domestic Water System study is based on expanding the currently planned water production sites identified for Sections 13 and 14 (namely KPCC and La Entrada) westerly of the poor-producing region of the Desert Hot Springs Subbasin, and primarily within the area generally bounded by Avenue 48, Avenue 52, Tyler Street and Polk Street. For the added off-site water supply reliability, approximately 15,000 linear feet of 24-inch transmission main is added in Tyler Street and Avenue 46 for the KPCC water supply system, as well as upsizing CIP 3 16-inch to 24-inch (Water Master Plan, Section 8). The planned groundwater production sites at Tyler Street and Avenue 48; Avenue 48 and Polk Street; Avenue 50 and Polk Street; and Avenue 50 and Fillmore Street are assumed to have the capacity expansion capability to support KPCC buildout in the future.

IX. Potential Use of Non-Domestic Water

The KPC Coachella Water Master Plan is based on serving all on-site water uses from the domestic water system. The Project may consider the use of non-domestic water that could be used for all candidate outdoor irrigation demands within the Project, i.e. large landscape areas such as parks and large common areas (greenbelts, walkways, creek areas). Potential non-domestic water sources could include any or all of the following:

- Tertiary treated recycled water from the City's wastewater treatment plant.
- Tertiary treated recycled water from a new on-site wastewater treatment plant.
- Un-treated well water.
- Canal water.

Currently the City's wastewater treatment plant is capable of secondary treatment. Expansion of the plant to bring it to a tertiary level in order to provide recycled water for irrigation purposes would be required. The City currently has no plans to construct a recycled water system, which would require dual plumbing in many areas of the Project, including pumping and storage facilities strategically sited for efficient service of the irrigation demands. Hydrogeologic and water quality studies may be required to determine if the Fargo Basin can support groundwater wells within the Project.

The project site is outside Coachella Valley Water District's (CVWD) Improvement District 1 (ID-1) boundary. CVWD's policy limits the use of Canal water to only areas within the ID-1 boundary. An exception could be made if Canal water supply to KPCC is deemed feasible. The use of Canal water within the KPCC development could be considered a benefit by reducing groundwater production from the Whitewater River Subbasin.

X. Conclusion and Recommendations

It is recommended KPC Coachella develop a water supply system independent of other development projects with schedules that may not fit within KPCC's schedule. As such, KPCC's proposed primary water supply and groundwater production sites are consistent with currently planned sources in the City's 2017 Water Master Plan for service area expansion to the east. The primary transmission system would convey the potable groundwater from these sites and deliver it to the Dillon Street Reservoir at Vista Del Norte (Avenue 46). As planned development progresses for the eastern region of the City (including La Entrada and Vista Del Agua), future arterial roadways may offer alternative groundwater pumping sites and water delivery strategies.

Final planning and design for specific groundwater pumping sites and transmission pipeline alignments should be included in the next phases of water service investigation. New well supply sources, i.e. groundwater wells, should be constructed prior to extending water service to KPCC.

The proposed KPCC pump station at the Dillon Street Reservoir site is envisioned to be the primary water supply for initial phases of KPCC development, and could ultimately be sized for the total project water demands for serving all seven KPCC Areas (Villages A through E). Depending on the phasing of future Areas 6 and 7, either or both planning areas could develop a distribution storage system for 'open' system service. However, it is currently envisioned that the most economical system would be to develop the highest elevation possible within Area 7 (890 Zone HWL) at the east end for maximum gravity service to KPCC, with pressure reduction for the development proposed within Area 6. This would save on parallel piping needs for multiple pressure zone piping within KPCC, primarily Area 6, as well as preclude the need for a pumping and storage facility within Area 6. Exhibits 6 and 8 illustrate the backbone on-site distribution system and off-site water supply recommended for KPCC. The KPCC estimated on-site and off-site water supply and distribution facilities construction costs are summarized as follows:

Estimated Water System Construction Costs	
ON-SITE	$ 45,900,000
OFF-SITE	$ 43,900,000
TOTAL	$ 89,800,000

It should be noted that these costs do not include connection fees which will likely be imposed on merchant builders. The estimated costs include assumed shared costs with other existing and future 150+ Zone development projects. As the KPCC and La Entrada development projects progress, additional opportunities for the off-site water system expansion will be available. Water supply redundancy will be essential for all development phases, including conveyance directly from future water supply sources to the south, as planned in the City's Water Master Plan. This could include a secondary conveyance system through the planned Interstate 10 interchange that will ultimately connect KPCC with La Entrada. Shared costs should be refined and updated as land uses, demand estimates and development schedules are refined from time to time. This will optimize the most equitable distribution of construction costs for serving the region.

APPENDIX A - WATER DEMAND CALCULATIONS

Table A-1

KPC Coachella (Village A)					
Planning Area	Land Use	Parcel Area (AC) Sept 2022	Density (DU/AC)	Dwelling Units (DU) Sept 2022	Square Footage (SF)
Residential					
A-1	Low Density Residential	32.00	5	160	
A-2	Very Low Density Residential	48.75	1	49	
A-3	Medium Density Residential	0.00	10	0	
A-4	Low Density Residential	24.46	5	122	
A-5	Medium Density Residential	51.03	10	510	
A-6	Very Low Density Residential	28.51	1	29	
A-7	Low Density Residential	99.96	5	500	
A-8	Medium Density Residential	22.96	10	230	
A-10	Medium Density Residential	24.21	10	242	
A-11	High Density Residential	16.74		419	
A-12	Very Low Density Residential	18.01	1	18	
	SubTotal	***366.63***	***SubTotal***	***2,279***	
Commercial					
A-9	Mixed-Use	0.00	10	0	59,830
	SubTotal	***0.00***	***SubTotal***		***59,830***
Open Space / Parks / Promenades					
OS-1	Parks, Greenways, and Amenity Centers	33.47			
OS-2	Parks, Greenways, and Amenity Centers	25.76			
OS-3	Parks, Greenways, and Amenity Centers	14.56			
OS-4	Parks, Greenways, and Amenity Centers	13.50			
OS-5	Parks, Greenways, and Amenity Centers	8.89			
	SubTotal	***96.18***			
Public Use					
A-3		15.62			
A-9		10.18			
A-11	Elementary School	0.00			
	SubTotal	***25.80***			
	Village A Total Acreage =	***488.61***	***Total Units***	***2,279***	

Table A-1

KPC Coachella (Village B)

Planning Area	Land Use	Parcel Area (AC) Sept 2022	Density (DU/AC)	Dwelling Units (DU) Sept 2022	Square Footage (SF)
Residential					
B-3	Medium Density Residential	0.00	10	0	
B-5	Medium Density Residential	0.00	10	0	
B-6	Medium Density Residential	0.00	10	0	
B-7	High Density Residential	0.00	25	0	
B-8	High Density Residential	50.58	25	1265	
B-9	High Density Residential	12.36	25	309	
	SubTotal	***62.94***	***SubTotal***	***1,574***	
Commercial					
B-1	Mixed-Use	32.06	10	106	260,770
B-2	Casino and Hotel Entertainment Center	27.13		0	140,000
B-3	Mixed-Use	29.16		96	
B-4	Mixed-Use	30.77	10	102	501,912
B-5	Mixed-Use	71.46		236	
B-6A	Mixed-Use	31.88		105	
B-6B	Mixed-Use (NAP)	35.32		117	
B-7	Mixed-Use	13.53		45	
	SubTotal	***271.31***	***SubTotal***	***807***	***902,682***
Open Space / Parks / Promenades					
OS-6	Parks, Greenways, and Amenity Centers	52.05			
OS-7	Parks, Greenways, and Amenity Centers	37.82			
OS-8A	Parks, Greenways, and Amenity Centers	16.88			
OS-8B	Parks, Greenways, and Amenity Centers (NAP)	1.91			
OS-8C	Parks, Greenways, and Amenity Centers (NAP)	0.47			
OS-9A	Parks, Greenways, and Amenity Centers (NAP)	8.45			
OS-9B	Parks, Greenways, and Amenity Centers	4.06			
OS-9C	Parks, Greenways, and Amenity Centers	1.50			
OS-10	Parks, Greenways, and Amenity Centers	4.87			
	SubTotal	***128.01***			
	Village B Total Acreage =	***462.26***	***Total Units***	***2,381***	

Table A-1

KPC Coachella (Village C)

Planning Area	Land Use	Parcel Area (AC) Sept 2022	Density (DU/AC)	Dwelling Units (DU) Sept 2022	Square Footage (SF)
Residential					
C-2A	Medium Density Residential	23.38	10	234	
C-2B	Medium Density Residential (NAP)	8.72	10	87	
C-3	Low Density Residential	22.37	5	112	
C-4	Low Density Residential	0.00	5	0	
C-5	Medium Density Residential	7.81	10	78	
C-6	Low Density Residential	0.00	5	0	
C-7	Medium Density Residential	49.98	10	500	
	SubTotal	***112.26***	***SubTotal***	***1,011***	
Commercial					
C-1	Entertainment Venue	23.38		0	
C-4	Mixed-Use	5.04	10	17	39,400
	SubTotal	***28.42***	***SubTotal***	***17***	***39,400***
Open Space / Parks / Promenades					
OS-11A	Parks, Greenways, and Amenity Centers	48.26			
OS-11B	Parks, Greenways, and Amenity Centers (NAP)	3.76			
OS-12	Parks, Greenways, and Amenity Centers	10.5			
OS-13	Parks, Greenways, and Amenity Centers	34.7			
	SubTotal	***97.24***			
Public Use					
C-5	Middle School	32.60			
C-6	Elementary School	0.00			
	SubTotal	***32.60***			
	Village C Total Acreage =	***270.52***	***Total Units***	***1,028***	

Table A-1

KPC Coachella (Village D)					
Planning Area	Land Use	Parcel Area (AC) Sept 2022	Density (DU/AC)	Dwelling Units (DU) Sept 2022	Square Footage (SF)
Residential					
D-1	Low Density Residential	56.92	5	285	
D-2	Medium Density Residential	54.38	10	544	
D-3	Medium Density Residential	36.23	10	362	
D-4	Medium Density Residential	43.21	10	432	
D-5	High Density Residential	22.00	25	550	
D-6	Medium Density Residential	25.34	10	253	
D-7	Low Density Residential	49.45	5	247	
	SubTotal	***287.53***	***SubTotal***	***2,673***	***0***
Commercial					
D-8	Mixed-Use	6.46	10	21	36,482
	SubTotal	***6.46***	***SubTotal***	***21***	***36,482***
Open Space / Parks / Promenades					
OS-14	Parks, Greenways, and Amenity Centers	42.12			
OS-15	Parks, Greenways, and Amenity Centers	14.73			
	Total Acreage =	***56.85***			
	Village D Total Acreage =	***350.84***	***Total Units***	***2,694***	

Table A-1

KPC Coachella (Village E)					
Planning Area	Land Use	Parcel Area (AC) Sept 2022	Density (DU/AC)	Dwelling Units (DU) Sept 2022	Square Footage (SF)
Residential					
E-1	Medium Density Residential	31.24	10	312	
E-2	Low Density Residential	38.95	5	195	
E-3	Very Low Density Residential	0.00	1	0	
E-4	Very Low Density Residential	35.03	1	35	
E-5	Very Low Density Residential	22.06	1	22	
E-6	Medium Density Residential	40.24	10	402	
E-7	Low Density Residential	38.03	5	190	
	SubTotal	***205.55***	***SubTotal***	***1,156***	
Commercial					
E-1	Mixed-Use	0.00	10	0	93,976
	SubTotal	***0.00***	***SubTotal***	***0***	***93,976***
Open Space / Parks / Promenades					
OS-16	New Agricultural Production	42.62			
OS-17	New Agricultural Production	0.00			
OS-18	New Agricultural Production	0.00			
OS-19	New Agricultural Production	0.00			
OS-20	New Agricultural Production	25.80			
OS-21	Parks, Greenways, and Amenity Centers	17.02			
	SubTotal	***85.44***			
Public Use					
E-2	Elementary School	12.38			
	SubTotal	***12.38***			
	Village E Total Acreage =	***303.37***	***Total Units***	***1,156***	

Village E Total

Table A-2

KPC Coachella - Estimated Water Demands using Consumption Factors from 2017 Coachella WMP

Village A Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Usage Factor (AF/Ac/yr)[3]	Average (AFY) ***Sept 2022***	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Max Day (gpm) [4] ***Sept 2022***	Peak Hour (gpm) [4] ***Sept 2022***
Very Low Density Residential	95.27	96	2.85	272	242,422	168	320	522
Low Density Residential	156.42	782	2.85	446	398,023	276	525	857
Medium Density Residential	98.20	982	2.85	280	249,878	174	330	538
High Density Residential	16.74	419	2.69	45	40,205	28	53	87
Commercial (Mixed Use)								
residential [2]	0.00	0	2.69	0	0	0	0	0
commercial [2]	0.00	-	1.78	0	0	0	0	0
Open Space / Parks	96.18	-	1.8	173	154,571	107	204	333
Schools	25.80	-	1.32	34	30,406	21	40	65
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)		-	-		-	-		
Total	488.61	2,279	-	1,249	1,115,505	775	1,472	2,401

[1] Based on land uses by Village provided by Kimley-Horn August 2022.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2017 Water Master Plan, Table 3-6.

[4] Peaking factors are as follows: 1.9*Avg = MD; 3.1*Avg = PH.

Table A-2

KPC Coachella - Estimated Water Demands using Consumption Factors from 2017 Coachella WMP

Village B Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Usage Factor (AF/Ac/yr)[3]	Average (AFY) ***Sept 2022***	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Max Day (gpm) [4] ***Sept 2022***	Peak Flow (gpm) [4] ***Sept 2022***
Very Low Density Residential	0.00	0	2.85	0	0	0	0	0
Low Density Residential	0.00	0	2.85	0	0	0	0	0
Medium Density Residential	0.00	0	2.85	0	0	0	0	0
High Density Residential	62.94	1,574	2.69	169	151,165	105	199	325
Commercial (Mixed Use)								
residential [2]	195.34	807	2.69	525	469,163	326	619	1,010
commercial [2]	48.84	0	1.78	87	77,612	54	102	167
Commercial (Casino & Hotel)	27.13	-	1.78	48	43,116	30	57	93
Open Space / Parks	128.01	-	1.8	230	205,725	143	271	443
Schools	0.00	-	1.32	0	0	0	0	0
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)		-	-		-	-		
Total	462.26	2,381	-	1,060	946,781	657	1,249	2,038

[1] Based on land uses by Village provided by Kimley-Horn August 2022.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2017 Water Master Plan, Table 3-6.

[4] Peaking factors are as follows: 1.9*Avg = MD; 3.1*Avg = PH.

Table A-2

KPC Coachella - Estimated Water Demands using Consumption Factors from 2017 Coachella WMP

Village C Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Usage Factor (AF/Ac/yr)[3]	Average (AFY) ***Sept 2022***	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Max Day (gpm) [4] ***Sept 2022***	Peak Flow (gpm) [4] ***Sept 2022***
Very Low Density Residential	0.00	0	2.85	0	0	0	0	0
Low Density Residential	22.37	112	2.85	64	56,922	40	75	123
Medium Density Residential	89.89	899	2.85	256	228,732	159	302	492
High Density Residential	0.00	0	2.69	0	0	0	0	0
Commercial (Mixed Use)								
residential [2]	4.03	17	2.69	11	9,684	7	13	21
commercial [2]	1.01	-	1.78	2	1,602	1	2	3
Commercial (Casino & Hotel)	23.38	-	1.78	42	37,157	26	49	80
Open Space / Parks	97.24	-	1.8	175	156,275	109	206	336
Schools	32.60	-	1.32	43	38,420	27	51	83
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)		-	-		-	-		
Total	270.52	1,028	-	592	528,792	367	698	1,138

[1] Based on land uses by Village provided by Kimley-Horn August 2022.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2017 Water Master Plan, Table 3-6.

[4] Peaking factors are as follows: 1.9*Avg = MD; 3.1*Avg = PH.

Table A-2

KPC Coachella - Estimated Water Demands using Consumption Factors from 2017 Coachella WMP

Village D Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Usage Factor (AF/Ac/yr)[3]	Average (AFY) ***Sept 2022***	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Max Day (gpm) [4] ***Sept 2022***	Peak Hour (gpm) [4] ***Sept 2022***
Very Low Density Residential	0.00	0	2.85	0	0	0	0	0
Low Density Residential	106.37	532	2.85	303	270,667	188	357	583
Medium Density Residential	159.16	1,591	2.85	454	404,995	281	534	872
High Density Residential	22.00	550	2.69	59	52,838	37	70	114
Commercial (Mixed Use)								
residential [2]	5.17	21	2.69	14	12,412	9	16	27
commercial [2]	1.29	-	1.78	2	2,053	1	3	4
Open Space / Parks	56.85	-	1.8	102	91,364	63	121	197
Schools	0.00	-	1.32	0	0	0	0	0
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)		-	-		-	-		
Total	350.84	2,694	-	934	834,329	579	1,101	1,796

[1] Based on land uses by Village provided by Kimley-Horn August 2022.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2017 Water Master Plan, Table 3-6.

[4] Peaking factors are as follows: 1.9*Avg = MD; 3.1*Avg = PH.

Table A-2

KPC Coachella - Estimated Water Demands using Consumption Factors from 2017 Coachella WMP

Village E Land Use	Acreage ***Sept 2022***	DU Count ***Sept 2022***	Usage Factor (AF/Ac/yr)[3]	Average (AFY) ***Sept 2022***	Average (gpd) ***Sept 2022***	Average Day (gpm) ***Sept 2022***	Max Day (gpm) [4] ***Sept 2022***	Peak Hour (gpm) [4] ***Sept 2022***
Very Low Density Residential	57.09	57	2.85	163	145,270	101	192	313
Low Density Residential	76.98	385	2.85	219	195,882	136	258	422
Medium Density Residential	71.48	714	2.85	204	181,887	126	240	392
High Density Residential	0.00	0	2.69	0	0	0	0	0
Commercial (Mixed Use)								
residential [2]	0.00	0	2.69	0	0	0	0	0
commercial [2]	0.00	-	1.78	0	0	0	0	0
Open Space / Parks / Ag	85.44	-	1.8	154	137,311	95	181	296
Schools	12.38	-	1.32	16	14,590	10	19	31
Channels/Buffer/Right-of-Way/Interchange (Non-Irrigated Areas)			-		-	-		
Total	303.37	1,156	-	756	674,939	469	891	1,453

[1] Based on land uses by Village provided by Kimley-Horn August 2022.

[2] Assumed acreage split for 'mixed use' associated with residential = 80%, and with commercial = 20%.

[3] Pursuant to City of Coachella's 2017 Water Master Plan, Table 3-6.

[4] Peaking factors are as follows: 1.9*Avg = MD; 3.1*Avg = PH.

Table A-3 - WATER DEMAND BY PLANNING AREA

KPC Coachella (Village A)

Planning Area	Land Use	Parcel Area (AC) *Sept 2022*	Dwelling Units (DU) *Sept 2022*	Average gpm *Sept 2022*	Average gpm	Max Day gpm *Sept 2022*	Max Day gpm	Peak Hour gpm *Sept 2022*	Peak Hour gpm
Residential									
A-1	Low Density Residential	32.00	160	57	84	107	160	175	261
A-2	Very Low Density Residential	48.75	49	86	111	164	212	267	345
A-3	Medium Density Residential	0.00	0	0	28	0	52	0	85
A-4	Low Density Residential	24.46	122	43	43	82	82	134	134
A-5	Medium Density Residential	51.03	510	90	91	171	173	280	283
A-6	Very Low Density Residential	28.51	29	50	51	96	96	156	157
A-7	Low Density Residential	99.96	500	177	176	336	335	548	547
A-8	Medium Density Residential	22.96	230	41	47	77	90	126	147
A-10	Medium Density Residential	24.21	242	43	41	81	79	133	128
A-11	High Density Residential	16.74	419	28	0	53	0	87	0
A-12	Very Low Density Residential	18.01	18	32	32	60	60	99	99
	SubTotal	***366.63***	***2,279***	***646***	***705***	***1,228***	***1,340***	***2,003***	***2,186***
Commercial									
A-9	Mixed-Use	0.00	0	0	13	0	24	0	40
	SubTotal	***0.00***	***0***	***0***	***13***	***0***	***24***	***0***	***40***
Open Space / Parks / Promenades									
OS-1	Parks, Greenways, and Amenity Centers	33.47		37	19	71	36	116	58
OS-2	Parks, Greenways, and Amenity Centers	25.76		29	13	55	24	89	39
OS-3	Parks, Greenways, and Amenity Centers	14.56		16	15	31	29	50	47
OS-4	Parks, Greenways, and Amenity Centers	13.50		15	14	29	27	47	45
OS-5	Parks, Greenways, and Amenity Centers	8.89		10	10	19	19	31	31
	SubTotal	***96.18***		***107.34***	***70.63***	***203.95***	***134.21***	***332.76***	***218.97***
Public Use									
A-3		15.62							
A-9		10.18							
A-11	Elementary School	0.00		***21***	***13***	***40***	***25***	***65***	***41***
	SubTotal	***25.80***							
	Village A Totals	***488.61***	***2,279***	***775***	***802***	***1,472***	***1,523***	***2,401***	***2,485***

Table A-3 - WATER DEMAND BY PLANNING AREA

KPC Coachella (Village B)

Planning Area	Land Use	Parcel Area (AC) *Sept 2022*	Dwelling Units (DU) *Sept 2022*	Average gpm *Sept 2022*	Average gpm	Max Day gpm *Sept 2022*	Max Day gpm	Peak Hour gpm *Sept 2022*	Peak Hour gpm
Residential									
B-3	Medium Density Residential	0.00	0	0	31	0	59	0	96
B-5	Medium Density Residential	0.00	0	0	124	0	235	0	383
B-6	Medium Density Residential	0.00	0	0	93	0	177	0	290
B-7	High Density Residential	0.00	0	0	18	0	34	0	56
B-8	High Density Residential	50.58	1265	84	84	160	160	262	261
B-9	High Density Residential	12.36	309	21	23	39	43	64	71
	SubTotal	***62.94***	***1,574***	***105***	***373***	***199***	***709***	***325***	***1157***
Commercial									
B-1	Mixed-Use	32.06	106	50	56	95	106	155	172
B-2	Casino and Hotel Entertainment Center	27.13	0	30	68	57	129	93	211
B-3	Mixed-Use	29.16	96	45	0	86	0	141	0
B-4	Mixed-Use	30.77	102	48	107	91	203	148	332
B-5	Mixed-Use	71.46	236	111	0	211	0	344	0
B-6A	Mixed-Use	31.88	105	50	0	94	0	154	0
B-6B	Mixed-Use (NAP)	35.32	117	55	0	104	0	170	0
B-7	Mixed-Use	13.53	45	21	0	40	0	65	0
	SubTotal	***271.31***	***807***	***410***	***230***	***778***	***438***	***1270***	***715***
Open Space / Parks / Promenades									
OS-6	Parks, Greenways, and Amenity Centers	52.05		58	38	110	71	180	116
OS-7	Parks, Greenways, and Amenity Centers	37.82		42	10	80	19	131	31
OS-8A	Parks, Greenways, and Amenity Centers	16.88		19	20	36	38	58	62
OS-8B	Parks, Greenways, and Amenity Centers (NAP)	1.91		2	0	4	0	7	0
OS-8C	Parks, Greenways, and Amenity Centers (NAP)	0.47		1	0	1	0	2	0
OS-9A	Parks, Greenways, and Amenity Centers (NAP)	8.45		9	11	18	21	29	35
OS-9B	Parks, Greenways, and Amenity Centers	4.06		5	0	9	0	14	0
OS-9C	Parks, Greenways, and Amenity Centers	1.50		2	0	3	0	5	0
OS-10	Parks, Greenways, and Amenity Centers	4.87		5	7	10	12	17	20
	SubTotal	***128.01***		***143***	***85***	***271***	***162***	***443***	***264***
	Village B Totals	***462.26***	***2,381***	***657***	***689***	***1,249***	***1,309***	***2,038***	***2,136***

Table A-3 - WATER DEMAND BY PLANNING AREA

KPC Coachella (Village C)

Planning Area	Land Use	Parcel Area (AC) *Sept 2022*	Dwelling Units (DU) *Sept 2022*	Average gpm *Sept 2022*	Average gpm	Max Day gpm *Sept 2022*	Max Day gpm	Peak Hour gpm *Sept 2022*	Peak Hour gpm
Residential									
C-2A	Medium Density Residential	23.38	234	41	48	78	92	128	150
C-2B	Medium Density Residential	8.72	87	15	0	29	0	48	0
C-3	Low Density Residential	22.37	112	40	46	75	87	123	142
C-4	Low Density Residential	0.00	0	0	70	0	134	0	218
C-5	Medium Density Residential	7.81	78	14	0	26	0	43	0
C-6	Low Density Residential	0.00	0	0	92	0	174	0	285
C-7	Medium Density Residential	49.98	500	88	0	168	0	274	0
	SubTotal	***112.26***	***1,011***	***198***	***256***	***377***	***487***	***615***	***795***
Commercial									
C-1	Entertainment Venue	23.38		26	0	49	0	80	0
C-4	Mixed-Use	5.04	17	8	8	15	16	24	26
	SubTotal	***28.42***	***17***	***34***	***8***	***64***	***16***	***104***	***26***
Open Space / Parks / Promenades									
OS-11A	Parks, Greenways, and Amenity Centers	48.3		54	50	102	95	167	156
OS-11A	Parks, Greenways, and Amenity Centers (NAP)	3.8		4	0	8	0	13	0
OS-12	Parks, Greenways, and Amenity Centers	10.5		12	12	22	22	36	37
OS-13	Parks, Greenways, and Amenity Centers	34.7		39	37	74	71	120	116
	SubTotal	***97.24***		***109***	***99***	***206***	***189***	***336***	***308***
Public Use									
C-5	Middle School	32.60		27	23	51	44	83	72
C-6	Elementary School	0.00		0	0	0	0	0	0
	SubTotal	***32.60***		***27***	***23***	***51***	***44***	***83***	***72***
	Village C Totals	***270.52***	***1,028***	***367***	***387***	***698***	***736***	***1,138***	***1,201***

Table A-3 - WATER DEMAND BY PLANNING AREA

KPC Coachella (Village D)									
Planning Area	Land Use	Parcel Area (AC) ***Sept 2022***	Dwelling Units (DU) ***Sept 2022***	Average gpm ***Sept 2022***	Average gpm	Max Day gpm ***Sept 2022***	Max Day gpm	Peak Hour gpm ***Sept 2022***	Peak Hour gpm
Residential									
D-1	Low Density Residential	56.92	285	101	64	191	122	312	199
D-2	Medium Density Residential	54.38	544	96	58	183	110	298	180
D-3	Medium Density Residential	36.23	362	64	90	122	172	198	280
D-4	Medium Density Residential	43.21	432	76	146	145	277	237	452
D-5	High Density Residential	22.00	550	37	36	70	69	114	113
D-6	Medium Density Residential	25.34	253	45	63	85	119	139	195
D-7	Low Density Residential	49.45	247	87	40	166	76	271	123
	SubTotal	***287.53***	***2,673***	***506***	***498***	***961***	***945***	***1,568***	***1,542***
Commercial									
D-8	Mixed-Use	6.46	21	10	8	19	15	31	24
	SubTotal	***6.46***	***21***	***10***	***8***	***19***	***15***	***31***	***24***
Open Space / Parks / Promenades									
OS-14	Parks, Greenways, and Amenity Centers	42.12		47	47	89	90	146	147
OS-15	Parks, Greenways, and Amenity Centers	14.73		16	16	31	31	51	51
	SubTotal	***56.85***		***63***	***64***	***121***	***121***	***197***	***198***
	Village D Totals	***350.84***	***2,694***	***579***	***569***	***1,101***	***1,081***	***1,796***	***1,764***

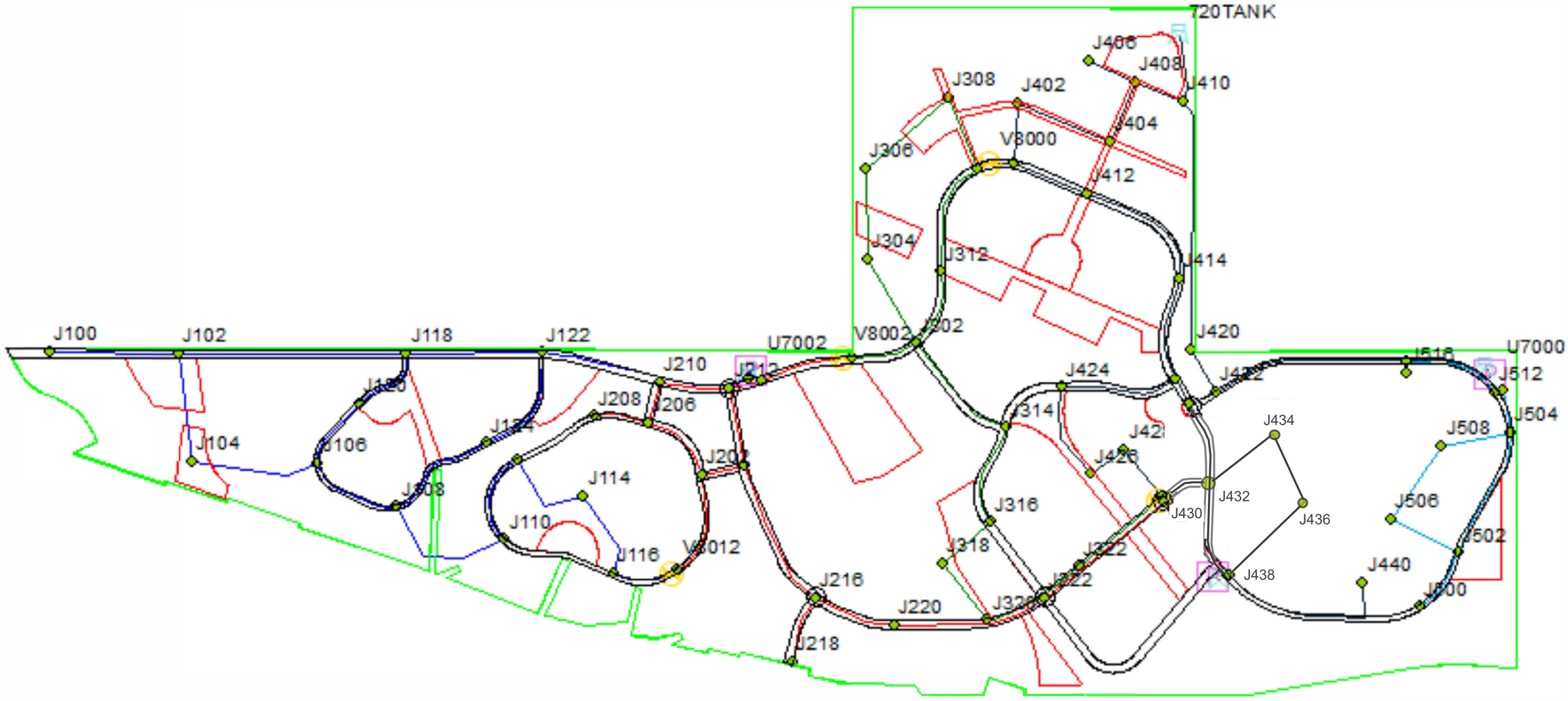
Table A-3 - WATER DEMAND BY PLANNING AREA

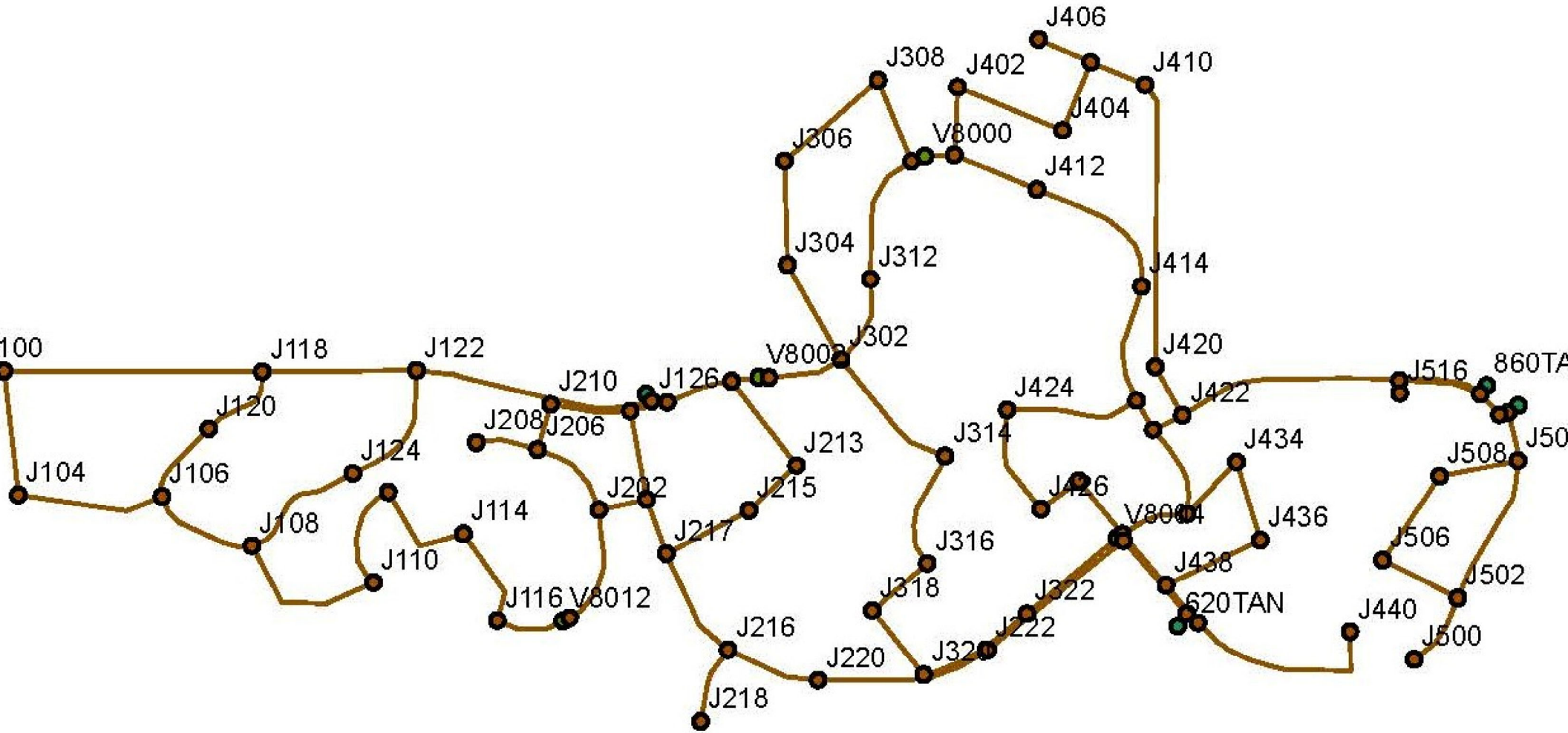
KPC Coachella (Village E)

Planning Area	Land Use	Parcel Area (AC) *Sept 2022*	Dwelling Units (DU) *Sept 2022*	Average gpm *Sept 2022*	Average gpm	Max Day gpm *Sept 2022*	Max Day gpm	Peak Hour gpm *Sept 2022*	Peak Hour gpm
Residential									
E-1	Medium Density Residential	31.24	312	55	0	105	0	171	0
E-2	Low Density Residential	38.95	195	136	0	258	0	422	0
E-3	Very Low Density Residential	0.00	0	0	81	0	154	0	251
E-4	Very Low Density Residential	35.03	35	37	46	71	87	115	142
E-5	Very Low Density Residential	22.06	22	23	39	44	74	73	121
E-6	Medium Density Residential	40.24	402	71	69	135	132	220	215
E-7	Low Density Residential	38.03	190	40	25	77	47	125	77
	SubTotal	***205.55***	***1,156***	***363***	***260***	***690***	***494***	***1126***	***806***
Commercial									
E-1	Mixed-Use	0.00	0	0	20	0	38	0	62
	SubTotal	***0.00***	***0***	***0***	***20***	***0***	***38***	***0***	***62***
Open Space / Parks / Promenades									
OS-16	New Agricultural Production	42.62		48	58	90	110	147	179
OS-17	New Agricultural Production	0.00		0	23	0	44	0	72
OS-18	New Agricultural Production	0.00		0	12	0	23	0	37
OS-19	New Agricultural Production	0.00		0	14	0	26	0	43
OS-20	New Agricultural Production	25.80		29	28	55	53	89	87
OS-21	Parks, Greenways, and Amenity Centers	17.02		19	17	36	32	59	53
	SubTotal	***85.44***		***95***	***152***	***181***	***288***	***296***	***470***
Public Use									
E-2	Elementary School	12.38		10	12	19	23	31	38
	SubTotal	***12.38***		***10***	***12***	***19***	***23***	***31***	***38***
	Village E Totals	***303.37***	***1,156***	***469***	***444***	***891***	***844***	***1,453***	***1,376***

Village E Total

APPENDIX B – COMPUTER MODEL RESULTS


T20TANK
J406
J408
J410
J308
J402
J404
V8000
J306
J412
J304
J312
J414
J420
J100
J102
J118
J122
U7002
V8002
J202
J210
J212
J424
J422
U7000
J512
J504
J208
J206
J314
J434
J508
J104
J106
J204
J426
J432
J316
J430
J436
J506
J114
J110
J318
J322
J502
J116
V8012
J216
J438
J440
J220
J324
J500
J218


J406
J308
J402
J410
J404
J306
V8000
J412
J304
J312
J414
J302
J420
100
J118
J122
V8002
J210
J126
J424
J422
J516
860TA
J120
J208
J206
J213
J314
J434
J508
J50
J104
J106
J124
J202
J215
J426
V8004
J436
J114
J108
J217
J316
J506
J110
J438
J502
J116
V8012
J318
J322
620TAN
J216
J222
J440
J220
J320
J500
J218

Max Day - Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J100	0.00	114.00	459.38	149.65
2	☐	J102	124.50	120.00	459.38	147.05
3	☐	J104	55.00	115.00	458.84	148.99
4	☐	J106	123.00	175.00	458.66	122.91
5	☐	J108	128.00	165.00	458.37	127.12
6	☐	J110	115.00	235.00	452.62	94.29
7	☐	J112	84.00	285.00	450.74	71.81
8	☐	J114	84.00	300.00	449.91	64.96
9	☐	J116	69.50	260.00	449.73	82.21
10	☐	J118	113.50	245.00	459.40	92.90
11	☐	J120	25.00	210.00	459.00	107.89
12	☐	J122	0.00	355.00	459.53	45.29
13	☐	J124	173.00	290.00	458.67	73.08
14	☐	J126	0.00	430.00	459.98	12.99
15	☐	J200	0.00	330.00	627.04	128.71
16	☐	J202	97.00	415.00	627.04	91.88
17	☐	J204	49.00	425.00	627.15	87.59
18	☐	J206	40.50	405.00	626.97	96.18
19	☐	J208	250.50	350.00	626.80	119.94
20	☐	J210	0.00	395.00	627.02	100.54
21	☐	J211	8.00	500.00	626.93	55.00
22	☐	J212	29.00	430.00	627.12	85.41
23	☐	J213	180.00	500.00	626.68	54.89
24	☐	J214	0.00	430.00	627.12	85.41
25	☐	J215	0.00	470.00	626.90	67.99
26	☐	J216	152.00	420.00	627.43	89.88
27	☐	J217	0.00	435.00	627.23	83.29
28	☐	J218	34.00	425.00	627.39	87.70
29	☐	J220	276.00	475.00	627.70	66.17
30	☐	J222	40.00	520.00	628.54	47.03
31	☐	J224	0.00	620.00	629.43	4.09
32	☐	J226	0.00	620.00	629.92	4.30
33	☐	J300	44.00	500.00	717.80	94.37
34	☐	J302	116.00	525.00	717.86	83.57
35	☐	J304	26.50	525.00	717.65	83.48

Max Day - Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
36	☐	J306	95.50	550.00	717.57	72.61
37	☐	J308	95.50	585.00	717.69	57.49
38	☐	J310	145.00	610.00	718.30	46.92
39	☐	J312	289.50	565.00	717.86	66.23
40	☐	J314	70.33	575.00	718.22	62.06
41	☐	J316	161.33	545.00	718.69	75.26
42	☐	J318	0.00	515.00	719.31	88.53
43	☐	J320	70.33	500.00	720.01	95.33
44	☐	J322	160.00	565.00	721.36	67.75
45	☐	J400	0.00	610.00	854.47	105.93
46	☐	J402	152.50	635.00	854.51	95.11
47	☐	J404	146.00	675.00	854.84	77.92
48	☐	J406	91.50	675.00	855.15	78.06
49	☐	J408	89.00	695.00	855.32	69.47
50	☐	J410	70.00	720.00	856.08	58.96
51	☐	J412	133.00	670.00	855.19	80.24
52	☐	J414	83.00	670.00	857.23	81.13
53	☐	J416	18.00	690.00	859.23	73.33
54	☐	J418	9.00	685.00	860.01	75.83
55	☐	J420	0.00	685.00	860.63	76.10
56	☐	J422	19.00	715.00	861.51	63.48
57	☐	J424	36.00	620.00	858.60	103.39
58	☐	J426	62.00	625.00	858.34	101.11
59	☐	J428	104.00	640.00	858.33	94.60
60	☐	J430	0.00	640.00	858.51	94.68
61	☐	J432	3.00	670.00	859.14	81.95
62	☐	J434	258.00	725.00	858.68	57.92
63	☐	J436	105.00	700.00	858.55	68.70
64	☐	J438	0.00	660.00	858.51	86.01
65	☐	J439	0.00	655.00	858.49	88.17
66	☐	J440	144.00	730.00	857.08	55.07
67	☐	J442	450.00	860.00	869.63	4.17
68	☐	J500	171.00	770.00	977.25	89.80
69	☐	J502	27.50	785.00	977.97	83.62
70	☐	J504	22.00	850.00	978.83	55.82

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
71	☐	J506	27.50	750.00	978.12	98.84
72	☐	J508	22.00	820.00	978.45	68.66
73	☐	J510	0.00	860.00	979.91	51.96
74	☐	J512	0.00	860.00	979.84	51.92
75	☐	J514	0.00	820.00	978.90	68.85
76	☐	J516	161.00	820.00	978.79	68.81

Test Report Print Title

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	472.81	1.34	0.62	0.63	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	311.48	0.88	0.47	0.29	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	241.15	0.68	0.36	0.18	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	703.14	1.99	0.12	1.32	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	703.14	1.99	2.11	1.32	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	543.14	1.54	1.35	0.82	Open	0
7	☐	P113	J204	J202	659.21	12.00	130.00	227.95	0.65	0.11	0.16	Open	0
8	☐	P115	J212	J210	1,091.58	12.00	130.00	160.05	0.45	0.09	0.09	Open	0
9	☐	P117	J210	J206	642.05	12.00	130.00	160.05	0.45	0.05	0.09	Open	0
10	☐	P119	J206	J202	1,228.20	12.00	130.00	-130.95	0.37	0.07	0.06	Open	0
11	☐	P121	J202	J200	1,640.03	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
12	☐	P123	J200	V8012	101.00	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
13	☐	P125	J206	J208	851.10	12.00	130.00	250.50	0.71	0.17	0.20	Open	0
14	☐	P127	V8012	J116	933.42	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
15	☐	P129	J116	J114	1,370.66	8.00	130.00	-69.50	0.44	0.18	0.13	Open	0
16	☐	P13	J408	J410	793.91	12.00	130.00	-590.29	1.67	0.76	0.95	Open	0
17	☐	P131	J114	J112	1,455.90	8.00	130.00	-153.50	0.98	0.83	0.57	Open	0
18	☐	P133	J112	J110	1,476.43	8.00	130.00	-237.50	1.52	1.88	1.27	Open	0
19	☐	P135	J120	J118	1,160.86	12.00	130.00	-340.26	0.97	0.40	0.34	Open	0
20	☐	P137	J110	J108	2,172.18	8.00	130.00	-352.50	2.25	5.75	2.65	Open	0
21	☐	P139	J108	J106	1,483.71	12.00	130.00	-249.37	0.71	0.29	0.19	Open	0
22	☐	P141	J106	J120	1,161.78	12.00	130.00	-315.26	0.89	0.35	0.30	Open	0
23	☐	P143	J108	J124	1,767.71	12.00	130.00	-231.13	0.66	0.30	0.17	Open	0
24	☐	P145	J124	J122	1,818.72	12.00	130.00	-404.13	1.15	0.86	0.47	Open	0
25	☐	P149	J126	J122	3,254.56	24.00	110.00	1,094.50	0.78	0.45	0.14	Open	0
26	☐	P15	J408	J406	772.23	8.00	130.00	91.50	0.58	0.17	0.22	Open	0
27	☐	P151	J122	J118	2,090.11	24.00	110.00	690.37	0.49	0.12	0.06	Open	0
28	☐	P153	J118	J102	3,497.96	24.00	110.00	236.62	0.17	0.03	0.01	Open	0
29	☐	P155	J106	J104	1,998.92	8.00	130.00	-57.12	0.36	0.18	0.09	Open	0
30	☐	P157	J104	J102	1,689.17	8.00	130.00	-112.12	0.72	0.54	0.32	Open	0
31	☐	P161	450TANK	J126	126.65	24.00	110.00	1,094.50	0.78	0.02	0.14	Open	0
32	☐	P163	J430	J432	1,021.58	16.00	110.00	-839.09	1.34	0.63	0.61	Open	0
33	☐	P165	J216	J218	1,061.07	8.00	130.00	34.00	0.22	0.04	0.03	Open	0
34	☐	P167	J102	J100	391.09	24.00	110.00	0.00	0.00	0.00	0.00	Open	0
35	☐	P17	J408	J404	992.22	12.00	130.00	409.79	1.16	0.48	0.49	Open	0

Test Report Print Title

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36	☐	P173	J500	J502	1,045.90	8.00	130.00	-171.00	1.09	0.73	0.69	Open	0
37	☐	P175	J502	J504	2,057.61	8.00	130.00	-129.66	0.83	0.85	0.42	Open	0
38	☐	P177	J504	J508	1,081.70	8.00	130.00	118.34	0.76	0.38	0.35	Open	0
39	☐	P179	J508	J506	1,371.67	8.00	130.00	96.34	0.61	0.33	0.24	Open	0
40	☐	P181	J506	J502	1,140.41	8.00	130.00	68.84	0.44	0.15	0.13	Open	0
41	☐	P183	J504	J510	668.19	8.00	130.00	-270.00	1.72	1.08	1.62	Open	0
42	☐	P185	J510	J512	118.05	8.00	130.00	161.00	1.03	0.07	0.62	Open	0
43	☐	P187	J512	J514	1,506.48	8.00	130.00	161.00	1.03	0.93	0.62	Open	0
44	☐	P189	J514	J516	172.23	8.00	130.00	161.00	1.03	0.11	0.62	Open	0
45	☐	P19	J404	J402	1,536.75	12.00	130.00	263.79	0.75	0.33	0.21	Open	0
46	☐	P191	J211	J214	921.75	8.00	130.00	-88.46	0.56	0.19	0.20	Open	0
47	☐	P193	J217	J216	1,579.66	20.00	110.00	-654.00	0.67	0.21	0.13	Open	0
48	☐	P195	J211	J213	1,446.40	8.00	130.00	80.46	0.51	0.25	0.17	Open	0
49	☐	P197	J213	J215	885.82	8.00	130.00	-99.54	0.64	0.23	0.25	Open	0
50	☐	P199	J215	J217	1,260.05	8.00	130.00	-99.54	0.64	0.32	0.25	Open	0
51	☐	P201	J226	J224	1,310.01	20.00	110.00	1,156.00	1.18	0.49	0.38	Open	0
52	☐	P203	860TAN	J442	146.36	20.00	110.00	3,246.99	3.32	0.37	2.54	Open	0
53	☐	P205	HYDROTAN	J510	170.37	12.00	130.00	431.00	1.22	0.09	0.53	Open	0
54	☐	P21	J402	J400	922.45	12.00	130.00	111.29	0.32	0.04	0.04	Open	0
55	☐	P23	J400	J412	1,212.45	12.00	130.00	-459.56	1.30	0.73	0.60	Open	0
56	☐	P25	J400	V8000	398.43	12.00	130.00	570.85	1.62	0.36	0.90	Open	0
57	☐	P27	V8000	J310	193.01	12.00	130.00	570.85	1.62	0.17	0.90	Open	0
58	☐	P29	J310	J308	1,190.15	8.00	130.00	145.35	0.93	0.61	0.51	Open	0
59	☐	P31	J308	J306	1,674.93	8.00	130.00	49.85	0.32	0.12	0.07	Open	0
60	☐	P33	J306	J304	1,405.05	8.00	130.00	-45.65	0.29	0.08	0.06	Open	0
61	☐	P35	J304	J302	1,476.60	8.00	130.00	-72.15	0.46	0.21	0.14	Open	0
62	☐	P37	J302	J312	1,230.63	12.00	130.00	9.00	0.03	0.00	0.00	Open	0
63	☐	P39	J312	J310	1,821.09	12.00	130.00	-280.50	0.80	0.44	0.24	Open	0
64	☐	P41	J410	J420	3,876.05	12.00	130.00	-660.29	1.87	4.55	1.18	Open	0
65	☐	P43	J420	J422	751.93	12.00	130.00	-660.29	1.87	0.88	1.18	Open	0
66	☐	P45	J422	J418	439.68	16.00	110.00	2,117.70	3.38	1.50	3.41	Open	0
67	☐	P47	J418	J416	457.82	12.00	130.00	810.40	2.30	0.79	1.72	Open	0
68	☐	P49	J416	J414	1,625.22	12.00	130.00	675.56	1.92	1.99	1.23	Open	0
69	☐	P51	J414	J412	2,122.29	12.00	130.00	592.56	1.68	2.04	0.96	Open	0
70	☐	P53	J418	J432	634.61	16.00	110.00	1,298.30	2.07	0.88	1.38	Open	0

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
71	☐	P55	J432	J434	769.96	12.00	130.00	456.21	1.29	0.46	0.59	Open	0
72	☐	P57	J434	J436	1,055.96	12.00	130.00	198.21	0.56	0.13	0.13	Open	0
73	☐	P59	J436	J438	1,315.60	12.00	130.00	93.21	0.26	0.04	0.03	Open	0
74	☐	P61	J438	J430	914.98	16.00	110.00	-50.79	0.08	0.00	0.00	Open	0
75	☐	P63	J430	J428	927.10	8.00	130.00	85.15	0.54	0.18	0.19	Open	0
76	☐	P65	J428	J426	638.29	8.00	130.00	-18.85	0.12	0.01	0.01	Open	0
77	☐	P67	J426	J424	1,511.12	8.00	130.00	-80.85	0.52	0.26	0.17	Open	0
78	☐	P69	J424	J416	1,822.66	8.00	130.00	-116.85	0.75	0.62	0.34	Open	0
79	☐	P71	J438	J439	664.78	16.00	110.00	144.00	0.23	0.02	0.02	Open	0
80	☐	P73	J439	J440	2,787.55	8.00	130.00	144.00	0.92	1.41	0.50	Open	0
81	☐	P75	J422	J442	4,210.49	20.00	110.00	-2,796.99	2.86	8.11	1.93	Open	0
82	☐	P79	J302	J300	1,024.52	8.00	130.00	44.00	0.28	0.06	0.06	Open	0
83	☐	P81	J300	V8002	139.52	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
84	☐	P83	V8002	J211	370.15	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
85	☐	P85	J214	J212	513.53	20.00	110.00	-88.46	0.09	0.00	0.00	Open	0
86	☐	P87	J212	J204	1,219.18	20.00	110.00	-277.51	0.28	0.03	0.03	Open	0
87	☐	P89	J204	J217	782.36	20.00	110.00	-554.46	0.57	0.08	0.10	Open	0
88	☐	P91	J216	J220	1,304.51	20.00	110.00	-840.00	0.86	0.27	0.21	Open	0
89	☐	P93	J220	J222	2,389.16	20.00	110.00	-1,116.00	1.14	0.84	0.35	Open	0
90	☐	P95	J222	J224	2,362.87	20.00	110.00	-1,156.00	1.18	0.89	0.38	Open	0
91	☐	P97	620TAN	J226	212.06	20.00	110.00	1,156.00	1.18	0.08	0.38	Open	0
92	☐	P99	J320	J318	1,109.93	12.00	130.00	472.81	1.34	0.70	0.63	Open	0

Test Report Print Title

		ID	Flow (gpm)	Head (ft)
1	☐	450TANK	-1,094.50	460.00
2	☐	620TAN	-1,156.00	630.00
3	☐	860TAN	-3,246.99	870.00
4	☐	HYDROTAN	-431.00	980.00

Test Report Print Title

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	105.77	47.00	570.85	3.64	135.64	Active	47.00
2	☐	V8002	8.00	520.00	85.71	46.33	0.00	0.00	0.00	Closed	45.00
3	☐	V8004	8.00	615.00	105.46	47.00	703.14	4.49	134.92	Active	47.00
4	☐	V8012	8.00	340.00	124.38	47.55	0.00	0.00	0.00	Closed	46.00

Peak Hour Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J100	0.00	114.00	458.66	149.34
2	☐	J102	203.25	120.00	458.66	146.74
3	☐	J104	89.79	115.00	457.54	148.42
4	☐	J106	200.80	175.00	457.22	122.29
5	☐	J108	208.96	165.00	456.73	126.40
6	☐	J110	187.74	235.00	448.19	92.38
7	☐	J112	137.13	285.00	446.15	69.82
8	☐	J114	137.13	300.00	445.69	63.13
9	☐	J116	113.46	260.00	445.72	80.47
10	☐	J118	185.29	245.00	458.72	92.61
11	☐	J120	40.81	210.00	457.91	107.42
12	☐	J122	0.00	355.00	458.99	45.06
13	☐	J124	282.42	290.00	457.24	72.47
14	☐	J126	0.00	430.00	459.96	12.98
15	☐	J200	0.00	330.00	622.28	126.65
16	☐	J202	158.35	415.00	623.06	90.15
17	☐	J204	79.99	425.00	623.47	86.00
18	☐	J206	66.12	405.00	622.94	94.44
19	☐	J208	408.94	350.00	619.98	116.98
20	☐	J210	0.00	395.00	623.13	98.85
21	☐	J211	13.06	500.00	623.48	53.50
22	☐	J212	47.34	430.00	623.43	83.81
23	☐	J213	293.85	500.00	622.64	53.14
24	☐	J214	0.00	430.00	623.43	83.81
25	☐	J215	0.00	470.00	623.05	66.32
26	☐	J216	248.14	420.00	624.09	88.43
27	☐	J217	0.00	435.00	623.64	81.74
28	☐	J218	55.50	425.00	624.00	86.23
29	☐	J220	450.57	475.00	624.70	64.87
30	☐	J222	65.30	520.00	626.63	46.20
31	☐	J224	0.00	620.00	628.68	3.76
32	☐	J226	0.00	620.00	629.82	4.25
33	☐	J300	71.83	500.00	712.66	92.15
34	☐	J302	189.37	525.00	714.46	82.09
35	☐	J304	43.26	525.00	714.35	82.05

Peak Hour Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
36	☐	J306	155.90	550.00	714.35	71.21
37	☐	J308	155.90	585.00	715.25	56.44
38	☐	J310	236.71	610.00	717.66	46.65
39	☐	J312	472.61	565.00	714.79	64.91
40	☐	J314	114.81	575.00	714.76	60.56
41	☐	J316	263.37	545.00	715.31	73.79
42	☐	J318	0.00	515.00	716.27	87.21
43	☐	J320	114.81	500.00	717.36	94.18
44	☐	J322	261.20	565.00	719.60	66.99
45	☐	J400	0.00	610.00	823.61	92.56
46	☐	J402	248.96	635.00	823.93	81.86
47	☐	J404	238.35	675.00	825.41	65.17
48	☐	J406	149.37	675.00	826.77	65.76
49	☐	J408	145.29	695.00	827.19	57.28
50	☐	J410	114.28	720.00	829.69	47.53
51	☐	J412	217.12	670.00	826.52	67.82
52	☐	J414	135.50	670.00	833.92	71.03
53	☐	J416	29.39	690.00	840.85	65.36
54	☐	J418	14.69	685.00	843.33	68.61
55	☐	J420	0.00	685.00	844.31	69.03
56	☐	J422	31.02	715.00	847.15	57.26
57	☐	J424	58.77	620.00	839.78	95.23
58	☐	J426	101.22	625.00	839.41	92.90
59	☐	J428	169.78	640.00	839.41	86.40
60	☐	J430	0.00	640.00	840.07	86.69
61	☐	J432	4.90	670.00	841.42	74.28
62	☐	J434	421.18	725.00	840.38	50.00
63	☐	J436	171.41	700.00	840.12	60.71
64	☐	J438	0.00	660.00	840.05	78.02
65	☐	J439	0.00	655.00	840.02	80.17
66	☐	J440	235.08	730.00	836.53	46.16
67	☐	J442	734.63	860.00	869.01	3.90
68	☐	J500	215.49	770.00	974.70	88.70
69	☐	J502	43.26	785.00	975.81	82.68
70	☐	J504	60.40	850.00	977.37	55.19

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
71	☐	J506	43.26	750.00	976.00	97.93
72	☐	J508	60.40	820.00	976.52	67.82
73	☐	J510	0.00	860.00	979.85	51.93
74	☐	J512	0.00	860.00	979.79	51.91
75	☐	J514	0.00	820.00	979.05	68.92
76	☐	J516	142.03	820.00	978.97	68.88

Peak Hour Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	599.50	1.70	0.97	0.98	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	336.13	0.95	0.54	0.34	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	221.31	0.63	0.31	0.16	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	975.51	2.77	0.22	2.42	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	975.51	2.77	3.87	2.42	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	714.31	2.03	2.24	1.36	Open	0
7	☐	P113	J204	J202	659.21	12.00	130.00	467.95	1.33	0.41	0.62	Open	0
8	☐	P115	J212	J210	1,091.58	12.00	130.00	304.76	0.86	0.31	0.28	Open	0
9	☐	P117	J210	J206	642.05	12.00	130.00	304.76	0.86	0.18	0.28	Open	0
10	☐	P119	J206	J202	1,228.20	12.00	130.00	-170.29	0.48	0.12	0.10	Open	0
11	☐	P121	J202	J200	1,640.03	8.00	130.00	139.31	0.89	0.78	0.47	Open	0
12	☐	P123	J200	V8012	101.00	8.00	130.00	139.31	0.89	0.05	0.47	Open	0
13	☐	P125	J206	J208	851.10	8.00	130.00	408.94	2.61	2.97	3.49	Open	0
14	☐	P127	V8012	J116	933.42	8.00	130.00	139.31	0.89	0.44	0.47	Open	0
15	☐	P129	J116	J114	1,370.66	8.00	130.00	25.85	0.16	0.03	0.02	Open	0
16	☐	P13	J408	J410	793.91	12.00	130.00	-1,125.21	3.19	2.50	3.15	Open	0
17	☐	P131	J114	J112	1,455.90	8.00	130.00	-111.28	0.71	0.46	0.31	Open	0
18	☐	P133	J112	J110	1,476.43	8.00	130.00	-248.41	1.59	2.05	1.39	Open	0
19	☐	P135	J120	J118	1,160.86	12.00	130.00	-498.57	1.41	0.81	0.70	Open	0
20	☐	P137	J110	J108	2,172.18	8.00	130.00	-436.15	2.78	8.53	3.93	Open	0
21	☐	P139	J108	J106	1,483.71	12.00	130.00	-334.09	0.95	0.49	0.33	Open	0
22	☐	P141	J106	J120	1,161.78	12.00	130.00	-457.75	1.30	0.69	0.60	Open	0
23	☐	P143	J108	J124	1,767.71	12.00	130.00	-311.02	0.88	0.52	0.29	Open	0
24	☐	P145	J124	J122	1,818.72	12.00	130.00	-593.45	1.68	1.75	0.96	Open	0
25	☐	P149	J126	J122	3,254.56	24.00	110.00	1,647.46	1.17	0.97	0.30	Open	0
26	☐	P15	J408	J406	772.23	8.00	130.00	149.37	0.95	0.42	0.54	Open	0
27	☐	P151	J122	J118	2,090.11	24.00	110.00	1,054.02	0.75	0.27	0.13	Open	0
28	☐	P153	J118	J102	3,497.96	24.00	110.00	370.16	0.26	0.07	0.02	Open	0
29	☐	P155	J106	J104	1,998.92	8.00	130.00	-77.13	0.49	0.32	0.16	Open	0
30	☐	P157	J104	J102	1,689.17	8.00	130.00	-166.92	1.07	1.12	0.66	Open	0
31	☐	P161	450TANK	J126	126.65	24.00	110.00	1,647.46	1.17	0.04	0.30	Open	0
32	☐	P163	J430	J432	1,021.58	16.00	110.00	-1,267.47	2.02	1.35	1.32	Open	0
33	☐	P165	J216	J218	1,061.07	8.00	130.00	55.50	0.35	0.09	0.09	Open	0
34	☐	P167	J102	J100	391.09	24.00	110.00	0.00	0.00	0.00	0.00	Open	0
35	☐	P17	J408	J404	992.22	12.00	130.00	830.55	2.36	1.78	1.80	Open	0

Peak Hour Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36		P173	J500	J502	1,045.90	8.00	130.00	-215.49	1.38	1.11	1.06	Open	0
37		P175	J502	J504	2,057.61	8.00	130.00	-179.29	1.14	1.56	0.76	Open	0
38		P177	J504	J508	1,081.70	8.00	130.00	183.13	1.17	0.85	0.79	Open	0
39		P179	J508	J506	1,371.67	8.00	130.00	122.73	0.78	0.51	0.38	Open	0
40		P181	J506	J502	1,140.41	8.00	130.00	79.47	0.51	0.19	0.17	Open	0
41		P183	J504	J510	668.19	8.00	130.00	-422.82	2.70	2.48	3.71	Open	0
42		P185	J510	J512	118.05	8.00	130.00	142.03	0.91	0.06	0.49	Open	0
43		P187	J512	J514	1,506.48	8.00	130.00	142.03	0.91	0.74	0.49	Open	0
44		P189	J514	J516	172.23	8.00	130.00	142.03	0.91	0.08	0.49	Open	0
45		P19	J404	J402	1,536.75	12.00	130.00	592.20	1.68	1.48	0.96	Open	0
46		P191	J211	J214	921.75	8.00	130.00	41.46	0.26	0.05	0.05	Open	0
47		P193	J217	J216	1,579.66	20.00	110.00	-996.88	1.02	0.45	0.29	Open	0
48		P195	J211	J213	1,446.40	8.00	130.00	155.56	0.99	0.84	0.58	Open	0
49		P197	J213	J215	885.82	8.00	130.00	-138.29	0.88	0.41	0.47	Open	0
50		P199	J215	J217	1,260.05	8.00	130.00	-138.29	0.88	0.59	0.47	Open	0
51		P201	J226	J224	1,310.01	20.00	110.00	1,816.39	1.85	1.13	0.87	Open	0
52		P203	860TAN	J442	146.36	20.00	110.00	5,510.80	5.63	0.99	6.77	Open	0
53		P205	HYDROTAN	J510	170.37	12.00	130.00	564.84	1.60	0.15	0.88	Open	0
54		P21	J402	J400	922.45	12.00	130.00	343.24	0.97	0.32	0.35	Open	0
55		P23	J400	J412	1,212.45	12.00	130.00	-971.12	2.75	2.91	2.40	Open	0
56		P25	J400	V8000	398.43	12.00	130.00	1,314.36	3.73	1.68	4.20	Open	0
57		P27	V8000	J310	193.01	12.00	130.00	1,314.36	3.73	0.81	4.20	Open	0
58		P29	J310	J308	1,190.15	8.00	130.00	304.84	1.95	2.41	2.02	Open	0
59		P31	J308	J306	1,674.93	8.00	130.00	148.94	0.95	0.90	0.54	Open	0
60		P33	J306	J304	1,405.05	8.00	130.00	-6.96	0.04	0.00	0.00	Open	0
61		P35	J304	J302	1,476.60	8.00	130.00	-50.23	0.32	0.11	0.07	Open	0
62		P37	J302	J312	1,230.63	12.00	130.00	-300.19	0.85	0.34	0.27	Open	0
63		P39	J312	J310	1,821.09	12.00	130.00	-772.80	2.19	2.86	1.57	Open	0
64		P41	J410	J420	3,876.05	12.00	130.00	-1,239.49	3.52	14.62	3.77	Open	0
65		P43	J420	J422	751.93	12.00	130.00	-1,239.49	3.52	2.84	3.77	Open	0
66		P45	J422	J418	439.68	16.00	110.00	3,505.67	5.59	3.82	8.68	Open	0
67		P47	J418	J416	457.82	12.00	130.00	1,509.28	4.28	2.49	5.43	Open	0
68		P49	J416	J414	1,625.22	12.00	130.00	1,323.74	3.76	6.92	4.26	Open	0
69		P51	J414	J412	2,122.29	12.00	130.00	1,188.24	3.37	7.40	3.49	Open	0
70		P53	J418	J432	634.61	16.00	110.00	1,981.70	3.16	1.92	3.02	Open	0

Peak Hour Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
71		P55	J432	J434	769.96	12.00	130.00	709.33	2.01	1.03	1.34	Open	0
72		P57	J434	J436	1,055.96	12.00	130.00	288.14	0.82	0.27	0.25	Open	0
73		P59	J436	J438	1,315.60	12.00	130.00	116.73	0.33	0.06	0.05	Open	0
74		P61	J438	J430	914.98	16.00	110.00	-118.35	0.19	0.01	0.02	Open	0
75		P63	J430	J428	927.10	8.00	130.00	173.61	1.11	0.66	0.71	Open	0
76		P65	J428	J426	638.29	8.00	130.00	3.83	0.02	0.00	0.00	Open	0
77		P67	J426	J424	1,511.12	8.00	130.00	-97.39	0.62	0.37	0.24	Open	0
78		P69	J424	J416	1,822.66	8.00	130.00	-156.16	1.00	1.07	0.59	Open	0
79		P71	J438	J439	664.78	16.00	110.00	235.08	0.38	0.04	0.06	Open	0
80		P73	J439	J440	2,787.55	8.00	130.00	235.08	1.50	3.49	1.25	Open	0
81		P75	J422	J442	4,210.49	20.00	110.00	-4,776.17	4.88	21.86	5.19	Open	0
82		P79	J302	J300	1,024.52	8.00	130.00	281.91	1.80	1.79	1.75	Open	0
83		P81	J300	V8002	139.52	8.00	130.00	210.08	1.34	0.14	1.02	Open	0
84		P83	V8002	J211	370.15	8.00	130.00	210.08	1.34	0.38	1.02	Open	0
85		P85	J214	J212	513.53	20.00	110.00	41.46	0.04	0.00	0.00	Open	0
86		P87	J212	J204	1,219.18	20.00	110.00	-310.64	0.32	0.04	0.03	Open	0
87		P89	J204	J217	782.36	20.00	110.00	-858.59	0.88	0.17	0.22	Open	0
88		P91	J216	J220	1,304.51	20.00	110.00	-1,300.52	1.33	0.61	0.47	Open	0
89		P93	J220	J222	2,389.16	20.00	110.00	-1,751.09	1.79	1.93	0.81	Open	0
90		P95	J222	J224	2,362.87	20.00	110.00	-1,816.39	1.85	2.05	0.87	Open	0
91		P97	620TAN	J226	212.06	20.00	110.00	1,816.39	1.85	0.18	0.87	Open	0
92		P99	J320	J318	1,109.93	12.00	130.00	599.50	1.70	1.09	0.98	Open	0

Peak Hour Reservoirs

		ID	Flow (gpm)	Head (ft)
1	☐	450TANK	-1,647.46	460.00
2	☐	620TAN	-1,816.39	630.00
3	☐	860TAN	-5,510.80	870.00
4	☐	HYDROTAN	-564.84	980.00

Peak Hour Valves

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	91.83	47.00	1,314.36	8.39	103.46	Active	47.00
2	☐	V8002	8.00	520.00	83.42	45.00	210.08	1.34	88.67	Active	45.00
3	☐	V8004	8.00	615.00	97.43	47.00	975.51	6.23	116.38	Active	47.00
4	☐	V8012	8.00	340.00	122.29	46.00	139.31	0.89	176.07	Active	46.00

J104 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J100	0.00	114.00	457.71	148.93
2	☐	J102	124.50	120.00	457.71	146.33
3	☐	J104	1,055.00	115.00	446.34	143.57
4	☐	J106	123.00	175.00	455.42	121.51
5	☐	J108	128.00	165.00	455.42	125.84
6	☐	J110	115.00	235.00	449.67	93.02
7	☐	J112	84.00	285.00	447.79	70.53
8	☐	J114	84.00	300.00	446.96	63.68
9	☐	J116	69.50	260.00	446.78	80.93
10	☐	J118	113.50	245.00	457.93	92.26
11	☐	J120	25.00	210.00	456.63	106.87
12	☐	J122	0.00	355.00	458.43	44.82
13	☐	J124	173.00	290.00	456.47	72.13
14	☐	J126	0.00	430.00	459.94	12.97
15	☐	J200	0.00	330.00	627.04	128.71
16	☐	J202	97.00	415.00	627.04	91.88
17	☐	J204	49.00	425.00	627.15	87.59
18	☐	J206	40.50	405.00	626.97	96.18
19	☐	J208	250.50	350.00	625.77	119.49
20	☐	J210	0.00	395.00	627.02	100.54
21	☐	J211	8.00	500.00	626.93	55.00
22	☐	J212	29.00	430.00	627.12	85.41
23	☐	J213	180.00	500.00	626.68	54.89
24	☐	J214	0.00	430.00	627.12	85.41
25	☐	J215	0.00	470.00	626.90	67.99
26	☐	J216	152.00	420.00	627.43	89.88
27	☐	J217	0.00	435.00	627.23	83.29
28	☐	J218	34.00	425.00	627.39	87.70
29	☐	J220	276.00	475.00	627.70	66.17
30	☐	J222	40.00	520.00	628.54	47.03
31	☐	J224	0.00	620.00	629.43	4.09
32	☐	J226	0.00	620.00	629.92	4.30
33	☐	J300	44.00	500.00	717.80	94.37
34	☐	J302	116.00	525.00	717.86	83.57
35	☐	J304	26.50	525.00	717.65	83.48

J104 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
36	☐	J306	95.50	550.00	717.57	72.61
37	☐	J308	95.50	585.00	717.69	57.49
38	☐	J310	145.00	610.00	718.30	46.92
39	☐	J312	289.50	565.00	717.86	66.23
40	☐	J314	70.33	575.00	718.22	62.06
41	☐	J316	161.33	545.00	718.69	75.26
42	☐	J318	0.00	515.00	719.31	88.53
43	☐	J320	70.33	500.00	720.01	95.33
44	☐	J322	160.00	565.00	721.36	67.75
45	☐	J400	0.00	610.00	854.47	105.93
46	☐	J402	152.50	635.00	854.51	95.11
47	☐	J404	146.00	675.00	854.84	77.92
48	☐	J406	91.50	675.00	855.15	78.06
49	☐	J408	89.00	695.00	855.32	69.47
50	☐	J410	70.00	720.00	856.08	58.96
51	☐	J412	133.00	670.00	855.19	80.24
52	☐	J414	83.00	670.00	857.23	81.13
53	☐	J416	18.00	690.00	859.23	73.33
54	☐	J418	9.00	685.00	860.01	75.83
55	☐	J420	0.00	685.00	860.63	76.10
56	☐	J422	19.00	715.00	861.51	63.48
57	☐	J424	36.00	620.00	858.60	103.39
58	☐	J426	62.00	625.00	858.34	101.11
59	☐	J428	104.00	640.00	858.33	94.60
60	☐	J430	0.00	640.00	858.51	94.68
61	☐	J432	3.00	670.00	859.14	81.95
62	☐	J434	258.00	725.00	858.68	57.92
63	☐	J436	105.00	700.00	858.55	68.70
64	☐	J438	0.00	660.00	858.51	86.01
65	☐	J439	0.00	655.00	858.49	88.17
66	☐	J440	144.00	730.00	857.08	55.07
67	☐	J442	450.00	860.00	869.63	4.17
68	☐	J500	132.00	770.00	977.86	90.07
69	☐	J502	26.50	785.00	978.31	83.76
70	☐	J504	37.00	850.00	978.94	55.87

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
71	☐	J506	26.50	750.00	978.39	98.96
72	☐	J508	37.00	820.00	978.60	68.72
73	☐	J510	0.00	860.00	979.94	51.97
74	☐	J512	0.00	860.00	979.92	51.96
75	☐	J514	0.00	820.00	979.62	69.16
76	☐	J516	87.00	820.00	979.58	69.15

J104 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	472.81	1.34	0.62	0.63	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	311.48	0.88	0.47	0.29	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	241.15	0.68	0.36	0.18	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	703.14	1.99	0.12	1.32	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	703.14	1.99	2.11	1.32	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	543.14	1.54	1.35	0.82	Open	0
7	☐	P113	J204	J202	659.21	12.00	130.00	227.95	0.65	0.11	0.16	Open	0
8	☐	P115	J212	J210	1,091.58	12.00	130.00	160.05	0.45	0.09	0.09	Open	0
9	☐	P117	J210	J206	642.05	12.00	130.00	160.05	0.45	0.05	0.09	Open	0
10	☐	P119	J206	J202	1,228.20	12.00	130.00	-130.95	0.37	0.07	0.06	Open	0
11	☐	P121	J202	J200	1,640.03	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
12	☐	P123	J200	V8012	101.00	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
13	☐	P125	J206	J208	851.10	8.00	130.00	250.50	1.60	1.20	1.41	Open	0
14	☐	P127	V8012	J116	933.42	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
15	☐	P129	J116	J114	1,370.66	8.00	130.00	-69.50	0.44	0.18	0.13	Open	0
16	☐	P13	J408	J410	793.91	12.00	130.00	-590.29	1.67	0.76	0.95	Open	0
17	☐	P131	J114	J112	1,455.90	8.00	130.00	-153.50	0.98	0.83	0.57	Open	0
18	☐	P133	J112	J110	1,476.43	8.00	130.00	-237.50	1.52	1.88	1.27	Open	0
19	☐	P135	J120	J118	1,160.86	12.00	130.00	-643.12	1.82	1.30	1.12	Open	0
20	☐	P137	J110	J108	2,172.18	8.00	130.00	-352.50	2.25	5.75	2.65	Open	0
21	☐	P139	J108	J106	1,483.71	12.00	130.00	-23.41	0.07	0.00	0.00	Open	0
22	☐	P141	J106	J120	1,161.78	12.00	130.00	-618.12	1.75	1.21	1.04	Open	0
23	☐	P143	J108	J124	1,767.71	12.00	130.00	-457.09	1.30	1.05	0.59	Open	0
24	☐	P145	J124	J122	1,818.72	12.00	130.00	-630.09	1.79	1.96	1.08	Open	0
25	☐	P149	J126	J122	3,254.56	24.00	110.00	2,094.50	1.49	1.51	0.46	Open	0
26	☐	P15	J408	J406	772.23	8.00	130.00	91.50	0.58	0.17	0.22	Open	0
27	☐	P151	J122	J118	2,090.11	24.00	110.00	1,464.41	1.04	0.50	0.24	Open	0
28	☐	P153	J118	J102	3,497.96	24.00	110.00	707.79	0.50	0.22	0.06	Open	0
29	☐	P155	J106	J104	1,998.92	8.00	130.00	471.71	3.01	9.08	4.54	Open	0
30	☐	P157	J104	J102	1,689.17	8.00	130.00	-583.29	3.72	11.37	6.73	Open	0
31	☐	P161	450TANK	J126	126.65	24.00	110.00	2,094.50	1.49	0.06	0.46	Open	0
32	☐	P163	J430	J432	1,021.58	16.00	110.00	-839.09	1.34	0.63	0.61	Open	0
33	☐	P165	J216	J218	1,061.07	8.00	130.00	34.00	0.22	0.04	0.03	Open	0
34	☐	P167	J102	J100	391.09	24.00	110.00	0.00	0.00	0.00	0.00	Open	0
35	☐	P17	J408	J404	992.22	12.00	130.00	409.79	1.16	0.48	0.49	Open	0

J104 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36		P173	J500	J502	1,045.90	8.00	130.00	-132.00	0.84	0.45	0.43	Open	0
37		P175	J502	J504	2,057.61	8.00	130.00	-109.82	0.70	0.63	0.31	Open	0
38		P177	J504	J508	1,081.70	8.00	130.00	112.18	0.72	0.34	0.32	Open	0
39		P179	J508	J506	1,371.67	8.00	130.00	75.18	0.48	0.21	0.15	Open	0
40		P181	J506	J502	1,140.41	8.00	130.00	48.68	0.31	0.08	0.07	Open	0
41		P183	J504	J510	668.19	8.00	130.00	-259.00	1.65	1.00	1.50	Open	0
42		P185	J510	J512	118.05	8.00	130.00	87.00	0.56	0.02	0.20	Open	0
43		P187	J512	J514	1,506.48	8.00	130.00	87.00	0.56	0.30	0.20	Open	0
44		P189	J514	J516	172.23	8.00	130.00	87.00	0.56	0.03	0.20	Open	0
45		P19	J404	J402	1,536.75	12.00	130.00	263.79	0.75	0.33	0.21	Open	0
46		P191	J211	J214	921.75	8.00	130.00	-88.46	0.56	0.19	0.20	Open	0
47		P193	J217	J216	1,579.66	20.00	110.00	-654.00	0.67	0.21	0.13	Open	0
48		P195	J211	J213	1,446.40	8.00	130.00	80.46	0.51	0.25	0.17	Open	0
49		P197	J213	J215	885.82	8.00	130.00	-99.54	0.64	0.23	0.25	Open	0
50		P199	J215	J217	1,260.05	8.00	130.00	-99.54	0.64	0.32	0.25	Open	0
51		P201	J226	J224	1,310.01	20.00	110.00	1,156.00	1.18	0.49	0.38	Open	0
52		P203	860TAN	J442	146.36	20.00	110.00	3,246.99	3.32	0.37	2.54	Open	0
53		P205	HYDROTAN	J510	170.37	12.00	130.00	346.00	0.98	0.06	0.36	Open	0
54		P21	J402	J400	922.45	12.00	130.00	111.29	0.32	0.04	0.04	Open	0
55		P23	J400	J412	1,212.45	12.00	130.00	-459.56	1.30	0.73	0.60	Open	0
56		P25	J400	V8000	398.43	12.00	130.00	570.85	1.62	0.36	0.90	Open	0
57		P27	V8000	J310	193.01	12.00	130.00	570.85	1.62	0.17	0.90	Open	0
58		P29	J310	J308	1,190.15	8.00	130.00	145.35	0.93	0.61	0.51	Open	0
59		P31	J308	J306	1,674.93	8.00	130.00	49.85	0.32	0.12	0.07	Open	0
60		P33	J306	J304	1,405.05	8.00	130.00	-45.65	0.29	0.08	0.06	Open	0
61		P35	J304	J302	1,476.60	8.00	130.00	-72.15	0.46	0.21	0.14	Open	0
62		P37	J302	J312	1,230.63	12.00	130.00	9.00	0.03	0.00	0.00	Open	0
63		P39	J312	J310	1,821.09	12.00	130.00	-280.50	0.80	0.44	0.24	Open	0
64		P41	J410	J420	3,876.05	12.00	130.00	-660.29	1.87	4.55	1.18	Open	0
65		P43	J420	J422	751.93	12.00	130.00	-660.29	1.87	0.88	1.18	Open	0
66		P45	J422	J418	439.68	16.00	110.00	2,117.70	3.38	1.50	3.41	Open	0
67		P47	J418	J416	457.82	12.00	130.00	810.40	2.30	0.79	1.72	Open	0
68		P49	J416	J414	1,625.22	12.00	130.00	675.56	1.92	1.99	1.23	Open	0
69		P51	J414	J412	2,122.29	12.00	130.00	592.56	1.68	2.04	0.96	Open	0
70		P53	J418	J432	634.61	16.00	110.00	1,298.30	2.07	0.88	1.38	Open	0

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
71	☐	P55	J432	J434	769.96	12.00	130.00	456.21	1.29	0.46	0.59	Open	0
72	☐	P57	J434	J436	1,055.96	12.00	130.00	198.21	0.56	0.13	0.13	Open	0
73	☐	P59	J436	J438	1,315.60	12.00	130.00	93.21	0.26	0.04	0.03	Open	0
74	☐	P61	J438	J430	914.98	16.00	110.00	-50.79	0.08	0.00	0.00	Open	0
75	☐	P63	J430	J428	927.10	8.00	130.00	85.15	0.54	0.18	0.19	Open	0
76	☐	P65	J428	J426	638.29	8.00	130.00	-18.85	0.12	0.01	0.01	Open	0
77	☐	P67	J426	J424	1,511.12	8.00	130.00	-80.85	0.52	0.26	0.17	Open	0
78	☐	P69	J424	J416	1,822.66	8.00	130.00	-116.85	0.75	0.62	0.34	Open	0
79	☐	P71	J438	J439	664.78	16.00	110.00	144.00	0.23	0.02	0.02	Open	0
80	☐	P73	J439	J440	2,787.55	8.00	130.00	144.00	0.92	1.41	0.50	Open	0
81	☐	P75	J422	J442	4,210.49	20.00	110.00	-2,796.99	2.86	8.11	1.93	Open	0
82	☐	P79	J302	J300	1,024.52	8.00	130.00	44.00	0.28	0.06	0.06	Open	0
83	☐	P81	J300	V8002	139.52	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
84	☐	P83	V8002	J211	370.15	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
85	☐	P85	J214	J212	513.53	20.00	110.00	-88.46	0.09	0.00	0.00	Open	0
86	☐	P87	J212	J204	1,219.18	20.00	110.00	-277.51	0.28	0.03	0.03	Open	0
87	☐	P89	J204	J217	782.36	20.00	110.00	-554.46	0.57	0.08	0.10	Open	0
88	☐	P91	J216	J220	1,304.51	20.00	110.00	-840.00	0.86	0.27	0.21	Open	0
89	☐	P93	J220	J222	2,389.16	20.00	110.00	-1,116.00	1.14	0.84	0.35	Open	0
90	☐	P95	J222	J224	2,362.87	20.00	110.00	-1,156.00	1.18	0.89	0.38	Open	0
91	☐	P97	620TAN	J226	212.06	20.00	110.00	1,156.00	1.18	0.08	0.38	Open	0
92	☐	P99	J320	J318	1,109.93	12.00	130.00	472.81	1.34	0.70	0.63	Open	0

J104 FF Reservoirs

		ID	Flow (gpm)	Head (ft)
1	☐	450TANK	-2,094.50	460.00
2	☐	620TAN	-1,156.00	630.00
3	☐	860TAN	-3,246.99	870.00
4	☐	HYDROTAN	-346.00	980.00

J104 FF PRVs

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	105.77	47.00	570.85	3.64	135.64	Active	47.00
2	☐	V8002	8.00	520.00	85.71	46.33	0.00	0.00	0.00	Closed	45.00
3	☐	V8004	8.00	615.00	105.46	47.00	703.14	4.49	134.92	Active	47.00
4	☐	V8012	8.00	340.00	124.38	46.27	0.00	0.00	0.00	Closed	46.00

J120 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J100	0.00	114.00	451.88	146.40
2	☐	J102	124.50	120.00	451.88	143.80
3	☐	J104	55.00	115.00	445.67	143.28
4	☐	J106	123.00	175.00	440.00	114.82
5	☐	J108	128.00	165.00	442.70	120.33
6	☐	J110	115.00	235.00	442.41	89.87
7	☐	J112	84.00	285.00	442.50	68.24
8	☐	J114	84.00	300.00	443.10	62.00
9	☐	J116	69.50	260.00	444.52	79.95
10	☐	J118	113.50	245.00	452.01	89.70
11	☐	J120	3,525.00	210.00	436.60	98.19
12	☐	J122	0.00	355.00	454.02	42.91
13	☐	J124	173.00	290.00	447.48	68.24
14	☐	J126	0.00	430.00	459.78	12.90
15	☐	J200	0.00	330.00	622.29	126.65
16	☐	J202	97.00	415.00	625.17	91.06
17	☐	J204	49.00	425.00	625.52	86.88
18	☐	J206	40.50	405.00	625.15	95.39
19	☐	J208	250.50	350.00	623.96	118.70
20	☐	J210	0.00	395.00	625.27	99.78
21	☐	J211	8.00	500.00	625.30	54.29
22	☐	J212	29.00	430.00	625.47	84.70
23	☐	J213	180.00	500.00	625.08	54.20
24	☐	J214	0.00	430.00	625.46	84.69
25	☐	J215	0.00	470.00	625.32	67.30
26	☐	J216	152.00	420.00	626.08	89.29
27	☐	J217	0.00	435.00	625.68	82.62
28	☐	J218	34.00	425.00	626.04	87.11
29	☐	J220	276.00	475.00	626.54	65.66
30	☐	J222	40.00	520.00	627.82	46.72
31	☐	J224	0.00	620.00	629.14	3.96
32	☐	J226	0.00	620.00	629.88	4.28
33	☐	J300	44.00	500.00	717.80	94.37
34	☐	J302	116.00	525.00	717.86	83.57
35	☐	J304	26.50	525.00	717.65	83.48

J120 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
36	☐	J306	95.50	550.00	717.57	72.61
37	☐	J308	95.50	585.00	717.69	57.49
38	☐	J310	145.00	610.00	718.30	46.92
39	☐	J312	289.50	565.00	717.86	66.23
40	☐	J314	70.33	575.00	718.22	62.06
41	☐	J316	161.33	545.00	718.69	75.26
42	☐	J318	0.00	515.00	719.31	88.53
43	☐	J320	70.33	500.00	720.01	95.33
44	☐	J322	160.00	565.00	721.36	67.75
45	☐	J400	0.00	610.00	854.47	105.93
46	☐	J402	152.50	635.00	854.51	95.11
47	☐	J404	146.00	675.00	854.84	77.92
48	☐	J406	91.50	675.00	855.15	78.06
49	☐	J408	89.00	695.00	855.32	69.47
50	☐	J410	70.00	720.00	856.08	58.96
51	☐	J412	133.00	670.00	855.19	80.24
52	☐	J414	83.00	670.00	857.23	81.13
53	☐	J416	18.00	690.00	859.23	73.33
54	☐	J418	9.00	685.00	860.01	75.83
55	☐	J420	0.00	685.00	860.63	76.10
56	☐	J422	19.00	715.00	861.51	63.48
57	☐	J424	36.00	620.00	858.60	103.39
58	☐	J426	62.00	625.00	858.34	101.11
59	☐	J428	104.00	640.00	858.33	94.60
60	☐	J430	0.00	640.00	858.51	94.68
61	☐	J432	3.00	670.00	859.14	81.95
62	☐	J434	258.00	725.00	858.68	57.92
63	☐	J436	105.00	700.00	858.55	68.70
64	☐	J438	0.00	660.00	858.51	86.01
65	☐	J439	0.00	655.00	858.49	88.17
66	☐	J440	144.00	730.00	857.08	55.07
67	☐	J442	450.00	860.00	869.63	4.17
68	☐	J500	132.00	770.00	977.86	90.07
69	☐	J502	26.50	785.00	978.31	83.76
70	☐	J504	37.00	850.00	978.94	55.87

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
71	☐	J506	26.50	750.00	978.39	98.96
72	☐	J508	37.00	820.00	978.60	68.72
73	☐	J510	0.00	860.00	979.94	51.97
74	☐	J512	0.00	860.00	979.92	51.96
75	☐	J514	0.00	820.00	979.62	69.16
76	☐	J516	87.00	820.00	979.58	69.15

J120 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	472.81	1.34	0.62	0.63	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	311.48	0.88	0.47	0.29	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	241.15	0.68	0.36	0.18	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	703.14	1.99	0.12	1.32	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	703.14	1.99	2.11	1.32	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	543.14	1.54	1.35	0.82	Open	0
7	☐	P113	J204	J202	659.21	12.00	130.00	430.37	1.22	0.35	0.53	Open	0
8	☐	P115	J212	J210	1,091.58	12.00	130.00	239.97	0.68	0.20	0.18	Open	0
9	☐	P117	J210	J206	642.05	12.00	130.00	239.97	0.68	0.12	0.18	Open	0
10	☐	P119	J206	J202	1,228.20	12.00	130.00	-51.03	0.14	0.01	0.01	Open	0
11	☐	P121	J202	J200	1,640.03	8.00	130.00	282.34	1.80	2.88	1.76	Open	0
12	☐	P123	J200	V8012	101.00	8.00	130.00	282.34	1.80	0.18	1.76	Open	0
13	☐	P125	J206	J208	851.10	8.00	130.00	250.50	1.60	1.20	1.41	Open	0
14	☐	P127	V8012	J116	933.42	8.00	130.00	282.34	1.80	1.64	1.76	Open	0
15	☐	P129	J116	J114	1,370.66	8.00	130.00	212.84	1.36	1.43	1.04	Open	0
16	☐	P13	J408	J410	793.91	12.00	130.00	-590.29	1.67	0.76	0.95	Open	0
17	☐	P131	J114	J112	1,455.90	8.00	130.00	128.84	0.82	0.60	0.41	Open	0
18	☐	P133	J112	J110	1,476.43	8.00	130.00	44.84	0.29	0.09	0.06	Open	0
19	☐	P135	J120	J118	1,160.86	12.00	130.00	-2,445.13	6.94	15.41	13.28	Open	0
20	☐	P137	J110	J108	2,172.18	8.00	130.00	-70.16	0.45	0.29	0.13	Open	0
21	☐	P139	J108	J106	1,483.71	12.00	130.00	837.05	2.37	2.71	1.82	Open	0
22	☐	P141	J106	J120	1,161.78	12.00	130.00	1,079.87	3.06	3.39	2.92	Open	0
23	☐	P143	J108	J124	1,767.71	12.00	130.00	-1,035.21	2.94	4.78	2.70	Open	0
24	☐	P145	J124	J122	1,818.72	12.00	130.00	-1,208.21	3.43	6.54	3.60	Open	0
25	☐	P149	J126	J122	3,254.56	24.00	110.00	4,312.16	3.06	5.75	1.77	Open	0
26	☐	P15	J408	J406	772.23	8.00	130.00	91.50	0.58	0.17	0.22	Open	0
27	☐	P151	J122	J118	2,090.11	24.00	110.00	3,103.95	2.20	2.01	0.96	Open	0
28	☐	P153	J118	J102	3,497.96	24.00	110.00	545.32	0.39	0.13	0.04	Open	0
29	☐	P155	J106	J104	1,998.92	8.00	130.00	-365.82	2.33	5.67	2.84	Open	0
30	☐	P157	J104	J102	1,689.17	8.00	130.00	-420.82	2.69	6.21	3.68	Open	0
31	☐	P161	450TANK	J126	126.65	24.00	110.00	4,312.16	3.06	0.22	1.77	Open	0
32	☐	P163	J430	J432	1,021.58	16.00	110.00	-839.09	1.34	0.63	0.61	Open	0
33	☐	P165	J216	J218	1,061.07	8.00	130.00	34.00	0.22	0.04	0.03	Open	0
34	☐	P167	J102	J100	391.09	24.00	110.00	0.00	0.00	0.00	0.00	Open	0
35	☐	P17	J408	J404	992.22	12.00	130.00	409.79	1.16	0.48	0.49	Open	0

J120 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36	☐	P173	J500	J502	1,045.90	8.00	130.00	-132.00	0.84	0.45	0.43	Open	0
37	☐	P175	J502	J504	2,057.61	8.00	130.00	-109.82	0.70	0.63	0.31	Open	0
38	☐	P177	J504	J508	1,081.70	8.00	130.00	112.18	0.72	0.34	0.32	Open	0
39	☐	P179	J508	J506	1,371.67	8.00	130.00	75.18	0.48	0.21	0.15	Open	0
40	☐	P181	J506	J502	1,140.41	8.00	130.00	48.68	0.31	0.08	0.07	Open	0
41	☐	P183	J504	J510	668.19	8.00	130.00	-259.00	1.65	1.00	1.50	Open	0
42	☐	P185	J510	J512	118.05	8.00	130.00	87.00	0.56	0.02	0.20	Open	0
43	☐	P187	J512	J514	1,506.48	8.00	130.00	87.00	0.56	0.30	0.20	Open	0
44	☐	P189	J514	J516	172.23	8.00	130.00	87.00	0.56	0.03	0.20	Open	0
45	☐	P19	J404	J402	1,536.75	12.00	130.00	263.79	0.75	0.33	0.21	Open	0
46	☐	P191	J211	J214	921.75	8.00	130.00	-83.30	0.53	0.17	0.18	Open	0
47	☐	P193	J217	J216	1,579.66	20.00	110.00	-936.34	0.96	0.40	0.25	Open	0
48	☐	P195	J211	J213	1,446.40	8.00	130.00	75.30	0.48	0.22	0.15	Open	0
49	☐	P197	J213	J215	885.82	8.00	130.00	-104.70	0.67	0.25	0.28	Open	0
50	☐	P199	J215	J217	1,260.05	8.00	130.00	-104.70	0.67	0.35	0.28	Open	0
51	☐	P201	J226	J224	1,310.01	20.00	110.00	1,438.34	1.47	0.74	0.56	Open	0
52	☐	P203	860TAN	J442	146.36	20.00	110.00	3,246.99	3.32	0.37	2.54	Open	0
53	☐	P205	HYDROTAN	J510	170.37	12.00	130.00	346.00	0.98	0.06	0.36	Open	0
54	☐	P21	J402	J400	922.45	12.00	130.00	111.29	0.32	0.04	0.04	Open	0
55	☐	P23	J400	J412	1,212.45	12.00	130.00	-459.56	1.30	0.73	0.60	Open	0
56	☐	P25	J400	V8000	398.43	12.00	130.00	570.85	1.62	0.36	0.90	Open	0
57	☐	P27	V8000	J310	193.01	12.00	130.00	570.85	1.62	0.17	0.90	Open	0
58	☐	P29	J310	J308	1,190.15	8.00	130.00	145.35	0.93	0.61	0.51	Open	0
59	☐	P31	J308	J306	1,674.93	8.00	130.00	49.85	0.32	0.12	0.07	Open	0
60	☐	P33	J306	J304	1,405.05	8.00	130.00	-45.65	0.29	0.08	0.06	Open	0
61	☐	P35	J304	J302	1,476.60	8.00	130.00	-72.15	0.46	0.21	0.14	Open	0
62	☐	P37	J302	J312	1,230.63	12.00	130.00	9.00	0.03	0.00	0.00	Open	0
63	☐	P39	J312	J310	1,821.09	12.00	130.00	-280.50	0.80	0.44	0.24	Open	0
64	☐	P41	J410	J420	3,876.05	12.00	130.00	-660.29	1.87	4.55	1.18	Open	0
65	☐	P43	J420	J422	751.93	12.00	130.00	-660.29	1.87	0.88	1.18	Open	0
66	☐	P45	J422	J418	439.68	16.00	110.00	2,117.70	3.38	1.50	3.41	Open	0
67	☐	P47	J418	J416	457.82	12.00	130.00	810.40	2.30	0.79	1.72	Open	0
68	☐	P49	J416	J414	1,625.22	12.00	130.00	675.56	1.92	1.99	1.23	Open	0
69	☐	P51	J414	J412	2,122.29	12.00	130.00	592.56	1.68	2.04	0.96	Open	0
70	☐	P53	J418	J432	634.61	16.00	110.00	1,298.30	2.07	0.88	1.38	Open	0

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
71	☐	P55	J432	J434	769.96	12.00	130.00	456.21	1.29	0.46	0.59	Open	0
72	☐	P57	J434	J436	1,055.96	12.00	130.00	198.21	0.56	0.13	0.13	Open	0
73	☐	P59	J436	J438	1,315.60	12.00	130.00	93.21	0.26	0.04	0.03	Open	0
74	☐	P61	J438	J430	914.98	16.00	110.00	-50.79	0.08	0.00	0.00	Open	0
75	☐	P63	J430	J428	927.10	8.00	130.00	85.15	0.54	0.18	0.19	Open	0
76	☐	P65	J428	J426	638.29	8.00	130.00	-18.85	0.12	0.01	0.01	Open	0
77	☐	P67	J426	J424	1,511.12	8.00	130.00	-80.85	0.52	0.26	0.17	Open	0
78	☐	P69	J424	J416	1,822.66	8.00	130.00	-116.85	0.75	0.62	0.34	Open	0
79	☐	P71	J438	J439	664.78	16.00	110.00	144.00	0.23	0.02	0.02	Open	0
80	☐	P73	J439	J440	2,787.55	8.00	130.00	144.00	0.92	1.41	0.50	Open	0
81	☐	P75	J422	J442	4,210.49	20.00	110.00	-2,796.99	2.86	8.11	1.93	Open	0
82	☐	P79	J302	J300	1,024.52	8.00	130.00	44.00	0.28	0.06	0.06	Open	0
83	☐	P81	J300	V8002	139.52	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
84	☐	P83	V8002	J211	370.15	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
85	☐	P85	J214	J212	513.53	20.00	110.00	-83.30	0.09	0.00	0.00	Open	0
86	☐	P87	J212	J204	1,219.18	20.00	110.00	-352.27	0.36	0.05	0.04	Open	0
87	☐	P89	J204	J217	782.36	20.00	110.00	-831.64	0.85	0.16	0.20	Open	0
88	☐	P91	J216	J220	1,304.51	20.00	110.00	-1,122.34	1.15	0.46	0.36	Open	0
89	☐	P93	J220	J222	2,389.16	20.00	110.00	-1,398.34	1.43	1.28	0.53	Open	0
90	☐	P95	J222	J224	2,362.87	20.00	110.00	-1,438.34	1.47	1.33	0.56	Open	0
91	☐	P97	620TAN	J226	212.06	20.00	110.00	1,438.34	1.47	0.12	0.56	Open	0
92	☐	P99	J320	J318	1,109.93	12.00	130.00	472.81	1.34	0.70	0.63	Open	0

		ID	Flow (gpm)	Head (ft)
1	☐	450TANK	-4,312.16	460.00
2	☐	620TAN	-1,438.34	630.00
3	☐	860TAN	-3,246.99	870.00
4	☐	HYDROTAN	-346.00	980.00

J120 FF PRVs

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	105.77	47.00	570.85	3.64	135.64	Active	47.00
2	☐	V8002	8.00	520.00	85.71	45.62	0.00	0.00	0.00	Closed	45.00
3	☐	V8004	8.00	615.00	105.46	47.00	703.14	4.49	134.92	Active	47.00
4	☐	V8012	8.00	340.00	122.24	46.00	282.34	1.80	175.95	Active	46.00

J208 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	741.98	2.10	1.43	1.46	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	580.65	1.65	1.49	0.93	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	510.32	1.45	1.44	0.73	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	972.31	2.76	0.22	2.41	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	972.31	2.76	3.85	2.41	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	812.31	2.30	2.84	1.72	Open	0
7	☐	P113	J204	J202	659.21	12.00	130.00	1,947.80	5.53	5.74	8.71	Open	0
8	☐	P115	J212	J210	1,091.58	12.00	130.00	1,940.20	5.50	9.44	8.65	Open	0
9	☐	P117	J210	J206	642.05	12.00	130.00	1,940.20	5.50	5.55	8.65	Open	0
10	☐	P119	J206	J202	1,228.20	12.00	130.00	-1,850.80	5.25	9.73	7.93	Open	0
11	☐	P121	J202	J200	1,640.03	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
12	☐	P123	J200	V8012	101.00	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
13	☐	P125	J206	J208	851.10	12.00	130.00	3,750.50	10.64	24.95	29.32	Open	0
14	☐	P127	V8012	J116	933.42	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
15	☐	P129	J116	J114	1,370.66	8.00	130.00	-69.50	0.44	0.18	0.13	Open	0
16	☐	P13	J408	J410	793.91	12.00	130.00	-1,008.87	2.86	2.05	2.58	Open	0
17	☐	P131	J114	J112	1,455.90	8.00	130.00	-153.50	0.98	0.83	0.57	Open	0
18	☐	P133	J112	J110	1,476.43	8.00	130.00	-237.50	1.52	1.88	1.27	Open	0
19	☐	P135	J120	J118	1,160.86	12.00	130.00	-340.26	0.97	0.40	0.34	Open	0
20	☐	P137	J110	J108	2,172.18	8.00	130.00	-352.50	2.25	5.75	2.65	Open	0
21	☐	P139	J108	J106	1,483.71	12.00	130.00	-249.37	0.71	0.29	0.19	Open	0
22	☐	P141	J106	J120	1,161.78	12.00	130.00	-315.26	0.89	0.35	0.30	Open	0
23	☐	P143	J108	J124	1,767.71	12.00	130.00	-231.13	0.66	0.30	0.17	Open	0
24	☐	P145	J124	J122	1,818.72	12.00	130.00	-404.13	1.15	0.86	0.47	Open	0
25	☐	P149	J126	J122	3,254.56	24.00	110.00	1,094.50	0.78	0.45	0.14	Open	0
26	☐	P15	J408	J406	772.23	8.00	130.00	91.50	0.58	0.17	0.22	Open	0
27	☐	P151	J122	J118	2,090.11	24.00	110.00	690.37	0.49	0.12	0.06	Open	0
28	☐	P153	J118	J102	3,497.96	24.00	110.00	236.62	0.17	0.03	0.01	Open	0
29	☐	P155	J106	J104	1,998.92	8.00	130.00	-57.12	0.36	0.18	0.09	Open	0
30	☐	P157	J104	J102	1,689.17	8.00	130.00	-112.12	0.72	0.54	0.32	Open	0
31	☐	P161	450TANK	J126	126.65	24.00	110.00	1,094.50	0.78	0.02	0.14	Open	0
32	☐	P163	J430	J432	1,021.58	16.00	110.00	-1,056.20	1.69	0.96	0.94	Open	0
33	☐	P165	J216	J218	1,061.07	8.00	130.00	34.00	0.22	0.04	0.03	Open	0
34	☐	P167	J102	J100	391.09	24.00	110.00	0.00	0.00	0.00	0.00	Open	0
35	☐	P17	J408	J404	992.22	12.00	130.00	828.37	2.35	1.77	1.79	Open	0

J208 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36	☐	P173	J500	J502	1,045.90	8.00	130.00	-132.00	0.84	0.45	0.43	Open	0
37	☐	P175	J502	J504	2,057.61	8.00	130.00	-109.82	0.70	0.63	0.31	Open	0
38	☐	P177	J504	J508	1,081.70	8.00	130.00	112.18	0.72	0.34	0.32	Open	0
39	☐	P179	J508	J506	1,371.67	8.00	130.00	75.18	0.48	0.21	0.15	Open	0
40	☐	P181	J506	J502	1,140.41	8.00	130.00	48.68	0.31	0.08	0.07	Open	0
41	☐	P183	J504	J510	668.19	8.00	130.00	-259.00	1.65	1.00	1.50	Open	0
42	☐	P185	J510	J512	118.05	8.00	130.00	87.00	0.56	0.02	0.20	Open	0
43	☐	P187	J512	J514	1,506.48	8.00	130.00	87.00	0.56	0.30	0.20	Open	0
44	☐	P189	J514	J516	172.23	8.00	130.00	87.00	0.56	0.03	0.20	Open	0
45	☐	P19	J404	J402	1,536.75	12.00	130.00	682.37	1.94	1.92	1.25	Open	0
46	☐	P191	J211	J214	921.75	8.00	130.00	778.85	4.97	10.60	11.50	Open	0
47	☐	P193	J217	J216	1,579.66	20.00	110.00	-2,942.71	3.01	3.34	2.12	Open	0
48	☐	P195	J211	J213	1,446.40	8.00	130.00	424.43	2.71	5.40	3.74	Open	0
49	☐	P197	J213	J215	885.82	8.00	130.00	244.43	1.56	1.19	1.34	Open	0
50	☐	P199	J215	J217	1,260.05	8.00	130.00	244.43	1.56	1.69	1.34	Open	0
51	☐	P201	J226	J224	1,310.01	20.00	110.00	3,444.71	3.52	3.71	2.83	Open	0
52	☐	P203	860TAN	J442	146.36	20.00	110.00	4,458.28	4.55	0.67	4.57	Open	0
53	☐	P205	HYDROTAN	J510	170.37	12.00	130.00	346.00	0.98	0.06	0.36	Open	0
54	☐	P21	J402	J400	922.45	12.00	130.00	529.87	1.50	0.72	0.78	Open	0
55	☐	P23	J400	J412	1,212.45	12.00	130.00	-983.10	2.79	2.98	2.46	Open	0
56	☐	P25	J400	V8000	398.43	12.00	130.00	1,512.97	4.29	2.17	5.46	Open	0
57	☐	P27	V8000	J310	193.01	12.00	130.00	1,512.97	4.29	1.05	5.46	Open	0
58	☐	P29	J310	J308	1,190.15	8.00	130.00	341.99	2.18	2.98	2.50	Open	0
59	☐	P31	J308	J306	1,674.93	8.00	130.00	246.49	1.57	2.29	1.37	Open	0
60	☐	P33	J306	J304	1,405.05	8.00	130.00	150.99	0.96	0.77	0.55	Open	0
61	☐	P35	J304	J302	1,476.60	8.00	130.00	124.49	0.79	0.57	0.39	Open	0
62	☐	P37	J302	J312	1,230.63	12.00	130.00	-736.47	2.09	1.77	1.44	Open	0
63	☐	P39	J312	J310	1,821.09	12.00	130.00	-1,025.97	2.91	4.84	2.66	Open	0
64	☐	P41	J410	J420	3,876.05	12.00	130.00	-1,078.87	3.06	11.31	2.92	Open	0
65	☐	P43	J420	J422	751.93	12.00	130.00	-1,078.87	3.06	2.19	2.92	Open	0
66	☐	P45	J422	J418	439.68	16.00	110.00	2,910.41	4.64	2.70	6.15	Open	0
67	☐	P47	J418	J416	457.82	12.00	130.00	1,312.73	3.72	1.92	4.20	Open	0
68	☐	P49	J416	J414	1,625.22	12.00	130.00	1,199.10	3.40	5.77	3.55	Open	0
69	☐	P51	J414	J412	2,122.29	12.00	130.00	1,116.10	3.17	6.59	3.11	Open	0
70	☐	P53	J418	J432	634.61	16.00	110.00	1,588.68	2.54	1.27	2.00	Open	0

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
71	☐	P55	J432	J434	769.96	12.00	130.00	529.47	1.50	0.60	0.78	Open	0
72	☐	P57	J434	J436	1,055.96	12.00	130.00	271.47	0.77	0.24	0.23	Open	0
73	☐	P59	J436	J438	1,315.60	12.00	130.00	166.47	0.47	0.12	0.09	Open	0
74	☐	P61	J438	J430	914.98	16.00	110.00	22.47	0.04	0.00	0.00	Open	0
75	☐	P63	J430	J428	927.10	8.00	130.00	106.37	0.68	0.27	0.29	Open	0
76	☐	P65	J428	J426	638.29	8.00	130.00	2.37	0.02	0.00	0.00	Open	0
77	☐	P67	J426	J424	1,511.12	8.00	130.00	-59.63	0.38	0.15	0.10	Open	0
78	☐	P69	J424	J416	1,822.66	8.00	130.00	-95.63	0.61	0.43	0.24	Open	0
79	☐	P71	J438	J439	664.78	16.00	110.00	144.00	0.23	0.02	0.02	Open	0
80	☐	P73	J439	J440	2,787.55	8.00	130.00	144.00	0.92	1.41	0.50	Open	0
81	☐	P75	J422	J442	4,210.49	20.00	110.00	-4,008.28	4.09	15.80	3.75	Open	0
82	☐	P79	J302	J300	1,024.52	8.00	130.00	1,255.29	8.01	28.51	27.83	Open	0
83	☐	P81	J300	V8002	139.52	8.00	130.00	1,211.29	7.73	3.63	26.05	Open	0
84	☐	P83	V8002	J211	370.15	8.00	130.00	1,211.29	7.73	9.64	26.05	Open	0
85	☐	P85	J214	J212	513.53	20.00	110.00	778.85	0.80	0.09	0.18	Open	0
86	☐	P87	J212	J204	1,219.18	20.00	110.00	-1,190.35	1.22	0.48	0.40	Open	0
87	☐	P89	J204	J217	782.36	20.00	110.00	-3,187.15	3.25	1.92	2.45	Open	0
88	☐	P91	J216	J220	1,304.51	20.00	110.00	-3,128.71	3.20	3.09	2.37	Open	0
89	☐	P93	J220	J222	2,389.16	20.00	110.00	-3,404.71	3.48	6.63	2.77	Open	0
90	☐	P95	J222	J224	2,362.87	20.00	110.00	-3,444.71	3.52	6.70	2.83	Open	0
91	☐	P97	620TAN	J226	212.06	20.00	110.00	3,444.71	3.52	0.60	2.83	Open	0
92	☐	P99	J320	J318	1,109.93	12.00	130.00	741.98	2.10	1.62	1.46	Open	0

J208 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J100	0.00	114.00	459.38	149.65
2	☐	J102	124.50	120.00	459.38	147.05
3	☐	J104	55.00	115.00	458.84	148.99
4	☐	J106	123.00	175.00	458.66	122.91
5	☐	J108	128.00	165.00	458.37	127.12
6	☐	J110	115.00	235.00	452.62	94.29
7	☐	J112	84.00	285.00	450.74	71.81
8	☐	J114	84.00	300.00	449.91	64.96
9	☐	J116	69.50	260.00	449.73	82.21
10	☐	J118	113.50	245.00	459.40	92.90
11	☐	J120	25.00	210.00	459.00	107.89
12	☐	J122	0.00	355.00	459.53	45.29
13	☐	J124	173.00	290.00	458.67	73.08
14	☐	J126	0.00	430.00	459.98	12.99
15	☐	J200	0.00	330.00	598.26	116.24
16	☐	J202	97.00	415.00	598.26	79.41
17	☐	J204	49.00	425.00	604.00	77.56
18	☐	J206	40.50	405.00	588.53	79.52
19	☐	J208	3,750.50	350.00	563.57	92.54
20	☐	J210	0.00	395.00	594.08	86.26
21	☐	J211	8.00	500.00	614.21	49.49
22	☐	J212	29.00	430.00	603.52	75.19
23	☐	J213	180.00	500.00	608.81	47.15
24	☐	J214	0.00	430.00	603.61	75.23
25	☐	J215	0.00	470.00	607.62	59.63
26	☐	J216	152.00	420.00	609.27	82.01
27	☐	J217	0.00	435.00	605.92	74.06
28	☐	J218	34.00	425.00	609.23	79.83
29	☐	J220	276.00	475.00	612.36	59.52
30	☐	J222	40.00	520.00	618.99	42.89
31	☐	J224	0.00	620.00	625.69	2.46
32	☐	J226	0.00	620.00	629.40	4.07
33	☐	J300	44.00	500.00	682.29	78.99
34	☐	J302	116.00	525.00	710.81	80.51
35	☐	J304	26.50	525.00	711.38	80.76

J208 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
36	☐	J306	95.50	550.00	712.15	70.26
37	☐	J308	95.50	585.00	714.44	56.08
38	☐	J310	145.00	610.00	717.42	46.54
39	☐	J312	289.50	565.00	712.58	63.94
40	☐	J314	70.33	575.00	712.24	59.47
41	☐	J316	161.33	545.00	713.73	73.11
42	☐	J318	0.00	515.00	715.16	86.73
43	☐	J320	70.33	500.00	716.78	93.93
44	☐	J322	160.00	565.00	719.62	67.00
45	☐	J400	0.00	610.00	833.57	96.87
46	☐	J402	152.50	635.00	834.29	86.35
47	☐	J404	146.00	675.00	836.21	69.85
48	☐	J406	91.50	675.00	837.82	70.55
49	☐	J408	89.00	695.00	837.99	61.96
50	☐	J410	70.00	720.00	840.03	52.01
51	☐	J412	133.00	670.00	836.55	72.17
52	☐	J414	83.00	670.00	843.14	75.02
53	☐	J416	18.00	690.00	848.91	68.85
54	☐	J418	9.00	685.00	850.83	71.85
55	☐	J420	0.00	685.00	851.34	72.07
56	☐	J422	19.00	715.00	853.53	60.03
57	☐	J424	36.00	620.00	848.48	99.00
58	☐	J426	62.00	625.00	848.33	96.77
59	☐	J428	104.00	640.00	848.33	90.27
60	☐	J430	0.00	640.00	848.59	90.38
61	☐	J432	3.00	670.00	849.55	77.80
62	☐	J434	258.00	725.00	848.95	53.71
63	☐	J436	105.00	700.00	848.71	64.44
64	☐	J438	0.00	660.00	848.59	81.72
65	☐	J439	0.00	655.00	848.58	83.88
66	☐	J440	144.00	730.00	847.17	50.77
67	☐	J442	450.00	860.00	869.33	4.04
68	☐	J500	132.00	770.00	977.86	90.07
69	☐	J502	26.50	785.00	978.31	83.76
70	☐	J504	37.00	850.00	978.94	55.87

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
71	☐	J506	26.50	750.00	978.39	98.96
72	☐	J508	37.00	820.00	978.60	68.72
73	☐	J510	0.00	860.00	979.94	51.97
74	☐	J512	0.00	860.00	979.92	51.96
75	☐	J514	0.00	820.00	979.62	69.16
76	☐	J516	87.00	820.00	979.58	69.15

		ID	Flow (gpm)	Head (ft)
1	☐	450TANK	-1,094.50	460.00
2	☐	620TAN	-3,444.71	630.00
3	☐	860TAN	-4,458.28	870.00
4	☐	HYDROTAN	-346.00	980.00

J208 FF PRVs

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	95.93	47.00	1,512.97	9.66	112.93	Active	47.00
2	☐	V8002	8.00	520.00	68.75	45.00	1,211.29	7.73	54.80	Active	45.00
3	☐	V8004	8.00	615.00	101.12	47.00	972.31	6.21	124.91	Active	47.00
4	☐	V8012	8.00	340.00	111.90	47.55	0.00	0.00	0.00	Closed	46.00

J220 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	649.43	1.84	1.12	1.14	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	488.10	1.38	1.08	0.67	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	417.77	1.19	0.99	0.50	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	879.76	2.50	0.18	2.00	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	879.76	2.50	3.20	2.00	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	719.76	2.04	2.27	1.38	Open	0
7	☐	P113	J204	J202	659.21	12.00	130.00	208.26	0.59	0.09	0.14	Open	0
8	☐	P115	J212	J210	1,091.58	12.00	130.00	179.74	0.51	0.12	0.11	Open	0
9	☐	P117	J210	J206	642.05	12.00	130.00	179.74	0.51	0.07	0.11	Open	0
10	☐	P119	J206	J202	1,228.20	12.00	130.00	-111.26	0.32	0.05	0.04	Open	0
11	☐	P121	J202	J200	1,640.03	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
12	☐	P123	J200	V8012	101.00	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
13	☐	P125	J206	J208	851.10	12.00	130.00	250.50	0.71	0.17	0.20	Open	0
14	☐	P127	V8012	J116	933.42	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
15	☐	P129	J116	J114	1,370.66	8.00	130.00	-69.50	0.44	0.18	0.13	Open	0
16	☐	P13	J408	J410	793.91	12.00	130.00	-894.18	2.54	1.64	2.06	Open	0
17	☐	P131	J114	J112	1,455.90	8.00	130.00	-153.50	0.98	0.83	0.57	Open	0
18	☐	P133	J112	J110	1,476.43	8.00	130.00	-237.50	1.52	1.88	1.27	Open	0
19	☐	P135	J120	J118	1,160.86	12.00	130.00	-340.26	0.97	0.40	0.34	Open	0
20	☐	P137	J110	J108	2,172.18	8.00	130.00	-352.50	2.25	5.75	2.65	Open	0
21	☐	P139	J108	J106	1,483.71	12.00	130.00	-249.37	0.71	0.29	0.19	Open	0
22	☐	P141	J106	J120	1,161.78	12.00	130.00	-315.26	0.89	0.35	0.30	Open	0
23	☐	P143	J108	J124	1,767.71	12.00	130.00	-231.13	0.66	0.30	0.17	Open	0
24	☐	P145	J124	J122	1,818.72	12.00	130.00	-404.13	1.15	0.86	0.47	Open	0
25	☐	P149	J126	J122	3,254.56	24.00	110.00	1,094.50	0.78	0.45	0.14	Open	0
26	☐	P15	J408	J406	772.23	8.00	130.00	91.50	0.58	0.17	0.22	Open	0
27	☐	P151	J122	J118	2,090.11	24.00	110.00	690.37	0.49	0.12	0.06	Open	0
28	☐	P153	J118	J102	3,497.96	24.00	110.00	236.62	0.17	0.03	0.01	Open	0
29	☐	P155	J106	J104	1,998.92	8.00	130.00	-57.12	0.36	0.18	0.09	Open	0
30	☐	P157	J104	J102	1,689.17	8.00	130.00	-112.12	0.72	0.54	0.32	Open	0
31	☐	P161	450TANK	J126	126.65	24.00	110.00	1,094.50	0.78	0.02	0.14	Open	0
32	☐	P163	J430	J432	1,021.58	16.00	110.00	-982.78	1.57	0.84	0.82	Open	0
33	☐	P165	J216	J218	1,061.07	8.00	130.00	34.00	0.22	0.04	0.03	Open	0
34	☐	P167	J102	J100	391.09	24.00	110.00	0.00	0.00	0.00	0.00	Open	0
35	☐	P17	J408	J404	992.22	12.00	130.00	713.68	2.02	1.35	1.36	Open	0

J220 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36	☐	P173	J500	J502	1,045.90	8.00	130.00	-132.00	0.84	0.45	0.43	Open	0
37	☐	P175	J502	J504	2,057.61	8.00	130.00	-109.82	0.70	0.63	0.31	Open	0
38	☐	P177	J504	J508	1,081.70	8.00	130.00	112.18	0.72	0.34	0.32	Open	0
39	☐	P179	J508	J506	1,371.67	8.00	130.00	75.18	0.48	0.21	0.15	Open	0
40	☐	P181	J506	J502	1,140.41	8.00	130.00	48.68	0.31	0.08	0.07	Open	0
41	☐	P183	J504	J510	668.19	8.00	130.00	-259.00	1.65	1.00	1.50	Open	0
42	☐	P185	J510	J512	118.05	8.00	130.00	87.00	0.56	0.02	0.20	Open	0
43	☐	P187	J512	J514	1,506.48	8.00	130.00	87.00	0.56	0.30	0.20	Open	0
44	☐	P189	J514	J516	172.23	8.00	130.00	87.00	0.56	0.03	0.20	Open	0
45	☐	P19	J404	J402	1,536.75	12.00	130.00	567.68	1.61	1.36	0.89	Open	0
46	☐	P191	J211	J214	921.75	8.00	130.00	511.51	3.26	4.86	5.28	Open	0
47	☐	P193	J217	J216	1,579.66	20.00	110.00	206.86	0.21	0.02	0.02	Open	0
48	☐	P195	J211	J213	1,446.40	8.00	130.00	341.36	2.18	3.61	2.50	Open	0
49	☐	P197	J213	J215	885.82	8.00	130.00	161.36	1.03	0.55	0.62	Open	0
50	☐	P199	J215	J217	1,260.05	8.00	130.00	161.36	1.03	0.78	0.62	Open	0
51	☐	P201	J226	J224	1,310.01	20.00	110.00	3,295.14	3.37	3.42	2.61	Open	0
52	☐	P203	860TAN	J442	146.36	20.00	110.00	4,107.85	4.20	0.57	3.93	Open	0
53	☐	P205	HYDROTAN	J510	170.37	12.00	130.00	346.00	0.98	0.06	0.36	Open	0
54	☐	P21	J402	J400	922.45	12.00	130.00	415.18	1.18	0.46	0.50	Open	0
55	☐	P23	J400	J412	1,212.45	12.00	130.00	-839.92	2.38	2.22	1.83	Open	0
56	☐	P25	J400	V8000	398.43	12.00	130.00	1,255.09	3.56	1.54	3.86	Open	0
57	☐	P27	V8000	J310	193.01	12.00	130.00	1,255.09	3.56	0.75	3.86	Open	0
58	☐	P29	J310	J308	1,190.15	8.00	130.00	288.56	1.84	2.18	1.83	Open	0
59	☐	P31	J308	J306	1,674.93	8.00	130.00	193.06	1.23	1.45	0.87	Open	0
60	☐	P33	J306	J304	1,405.05	8.00	130.00	97.56	0.62	0.34	0.25	Open	0
61	☐	P35	J304	J302	1,476.60	8.00	130.00	71.06	0.45	0.20	0.14	Open	0
62	☐	P37	J302	J312	1,230.63	12.00	130.00	-532.03	1.51	0.97	0.79	Open	0
63	☐	P39	J312	J310	1,821.09	12.00	130.00	-821.53	2.33	3.21	1.76	Open	0
64	☐	P41	J410	J420	3,876.05	12.00	130.00	-964.18	2.74	9.18	2.37	Open	0
65	☐	P43	J420	J422	751.93	12.00	130.00	-964.18	2.74	1.78	2.37	Open	0
66	☐	P45	J422	J418	439.68	16.00	110.00	2,674.68	4.27	2.31	5.26	Open	0
67	☐	P47	J418	J416	457.82	12.00	130.00	1,174.86	3.33	1.56	3.42	Open	0
68	☐	P49	J416	J414	1,625.22	12.00	130.00	1,055.92	3.00	4.56	2.80	Open	0
69	☐	P51	J414	J412	2,122.29	12.00	130.00	972.92	2.76	5.11	2.41	Open	0
70	☐	P53	J418	J432	634.61	16.00	110.00	1,490.82	2.38	1.13	1.78	Open	0

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
71	☐	P55	J432	J434	769.96	12.00	130.00	505.04	1.43	0.55	0.72	Open	0
72	☐	P57	J434	J436	1,055.96	12.00	130.00	247.04	0.70	0.20	0.19	Open	0
73	☐	P59	J436	J438	1,315.60	12.00	130.00	142.04	0.40	0.09	0.07	Open	0
74	☐	P61	J438	J430	914.98	16.00	110.00	-1.96	0.00	0.00	0.00	Open	0
75	☐	P63	J430	J428	927.10	8.00	130.00	101.06	0.65	0.24	0.26	Open	0
76	☐	P65	J428	J426	638.29	8.00	130.00	-2.94	0.02	0.00	0.00	Open	0
77	☐	P67	J426	J424	1,511.12	8.00	130.00	-64.94	0.41	0.17	0.12	Open	0
78	☐	P69	J424	J416	1,822.66	8.00	130.00	-100.94	0.64	0.48	0.26	Open	0
79	☐	P71	J438	J439	664.78	16.00	110.00	144.00	0.23	0.02	0.02	Open	0
80	☐	P73	J439	J440	2,787.55	8.00	130.00	144.00	0.92	1.41	0.50	Open	0
81	☐	P75	J422	J442	4,210.49	20.00	110.00	-3,657.86	3.74	13.34	3.17	Open	0
82	☐	P79	J302	J300	1,024.52	8.00	130.00	904.86	5.78	15.55	15.18	Open	0
83	☐	P81	J300	V8002	139.52	8.00	130.00	860.86	5.49	1.93	13.84	Open	0
84	☐	P83	V8002	J211	370.15	8.00	130.00	860.86	5.49	5.12	13.84	Open	0
85	☐	P85	J214	J212	513.53	20.00	110.00	511.51	0.52	0.04	0.08	Open	0
86	☐	P87	J212	J204	1,219.18	20.00	110.00	302.77	0.31	0.04	0.03	Open	0
87	☐	P89	J204	J217	782.36	20.00	110.00	45.51	0.05	0.00	0.00	Open	0
88	☐	P91	J216	J220	1,304.51	20.00	110.00	20.86	0.02	0.00	0.00	Open	0
89	☐	P93	J220	J222	2,389.16	20.00	110.00	-3,255.14	3.32	6.10	2.55	Open	0
90	☐	P95	J222	J224	2,362.87	20.00	110.00	-3,295.14	3.37	6.17	2.61	Open	0
91	☐	P97	620TAN	J226	212.06	20.00	110.00	3,295.14	3.37	0.55	2.61	Open	0
92	☐	P99	J320	J318	1,109.93	12.00	130.00	649.43	1.84	1.26	1.14	Open	0

J220 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J100	0.00	114.00	459.38	149.65
2	☐	J102	124.50	120.00	459.38	147.05
3	☐	J104	55.00	115.00	458.84	148.99
4	☐	J106	123.00	175.00	458.66	122.91
5	☐	J108	128.00	165.00	458.37	127.12
6	☐	J110	115.00	235.00	452.62	94.29
7	☐	J112	84.00	285.00	450.74	71.81
8	☐	J114	84.00	300.00	449.91	64.96
9	☐	J116	69.50	260.00	449.73	82.21
10	☐	J118	113.50	245.00	459.40	92.90
11	☐	J120	25.00	210.00	459.00	107.89
12	☐	J122	0.00	355.00	459.53	45.29
13	☐	J124	173.00	290.00	458.67	73.08
14	☐	J126	0.00	430.00	459.98	12.99
15	☐	J200	0.00	330.00	613.69	122.92
16	☐	J202	97.00	415.00	613.69	86.09
17	☐	J204	49.00	425.00	613.79	81.80
18	☐	J206	40.50	405.00	613.64	90.40
19	☐	J208	250.50	350.00	613.47	114.16
20	☐	J210	0.00	395.00	613.71	94.77
21	☐	J211	8.00	500.00	618.73	51.45
22	☐	J212	29.00	430.00	613.82	79.65
23	☐	J213	180.00	500.00	615.12	49.88
24	☐	J214	0.00	430.00	613.87	79.67
25	☐	J215	0.00	470.00	614.57	62.64
26	☐	J216	152.00	420.00	613.76	83.96
27	☐	J217	0.00	435.00	613.78	77.47
28	☐	J218	34.00	425.00	613.72	81.77
29	☐	J220	3,276.00	475.00	613.76	60.12
30	☐	J222	40.00	520.00	619.86	43.27
31	☐	J224	0.00	620.00	626.03	2.61
32	☐	J226	0.00	620.00	629.45	4.09
33	☐	J300	44.00	500.00	698.00	85.79
34	☐	J302	116.00	525.00	713.55	81.70
35	☐	J304	26.50	525.00	713.75	81.79

J220 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
36	☐	J306	95.50	550.00	714.09	71.10
37	☐	J308	95.50	585.00	715.55	56.57
38	☐	J310	145.00	610.00	717.72	46.68
39	☐	J312	289.50	565.00	714.52	64.79
40	☐	J314	70.33	575.00	714.54	60.46
41	☐	J316	161.33	545.00	715.62	73.93
42	☐	J318	0.00	515.00	716.74	87.41
43	☐	J320	70.33	500.00	718.00	94.46
44	☐	J322	160.00	565.00	720.27	67.28
45	☐	J400	0.00	610.00	840.32	99.80
46	☐	J402	152.50	635.00	840.78	89.16
47	☐	J404	146.00	675.00	842.14	72.42
48	☐	J406	91.50	675.00	843.32	72.93
49	☐	J408	89.00	695.00	843.49	64.34
50	☐	J410	70.00	720.00	845.12	54.22
51	☐	J412	133.00	670.00	842.54	74.76
52	☐	J414	83.00	670.00	847.66	76.98
53	☐	J416	18.00	690.00	852.21	70.29
54	☐	J418	9.00	685.00	853.78	73.13
55	☐	J420	0.00	685.00	854.31	73.36
56	☐	J422	19.00	715.00	856.09	61.13
57	☐	J424	36.00	620.00	851.73	100.41
58	☐	J426	62.00	625.00	851.56	98.17
59	☐	J428	104.00	640.00	851.56	91.67
60	☐	J430	0.00	640.00	851.80	91.77
61	☐	J432	3.00	670.00	852.64	79.14
62	☐	J434	258.00	725.00	852.09	55.07
63	☐	J436	105.00	700.00	851.89	65.82
64	☐	J438	0.00	660.00	851.80	83.11
65	☐	J439	0.00	655.00	851.79	85.27
66	☐	J440	144.00	730.00	850.38	52.16
67	☐	J442	450.00	860.00	869.43	4.08
68	☐	J500	132.00	770.00	977.86	90.07
69	☐	J502	26.50	785.00	978.31	83.76
70	☐	J504	37.00	850.00	978.94	55.87

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
71	☐	J506	26.50	750.00	978.39	98.96
72	☐	J508	37.00	820.00	978.60	68.72
73	☐	J510	0.00	860.00	979.94	51.97
74	☐	J512	0.00	860.00	979.92	51.96
75	☐	J514	0.00	820.00	979.62	69.16
76	☐	J516	87.00	820.00	979.58	69.15

		ID	Flow (gpm)	Head (ft)
1	☐	450TANK	-1,094.50	460.00
2	☐	620TAN	-3,295.14	630.00
3	☐	860TAN	-4,107.85	870.00
4	☐	HYDROTAN	-346.00	980.00

J220 FF PRVs

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	99.13	47.00	1,255.09	8.01	120.31	Active	47.00
2	☐	V8002	8.00	520.00	76.29	45.00	860.86	5.49	72.21	Active	45.00
3	☐	V8004	8.00	615.00	102.53	47.00	879.76	5.62	128.15	Active	47.00
4	☐	V8012	8.00	340.00	118.59	47.55	0.00	0.00	0.00	Closed	46.00

J312 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J100	0.00	114.00	459.38	149.65
2	☐	J102	124.50	120.00	459.38	147.05
3	☐	J104	55.00	115.00	458.84	148.99
4	☐	J106	123.00	175.00	458.66	122.91
5	☐	J108	128.00	165.00	458.37	127.12
6	☐	J110	115.00	235.00	452.62	94.29
7	☐	J112	84.00	285.00	450.74	71.81
8	☐	J114	84.00	300.00	449.91	64.96
9	☐	J116	69.50	260.00	449.73	82.21
10	☐	J118	113.50	245.00	459.40	92.90
11	☐	J120	25.00	210.00	459.00	107.89
12	☐	J122	0.00	355.00	459.53	45.29
13	☐	J124	173.00	290.00	458.67	73.08
14	☐	J126	0.00	430.00	459.98	12.99
15	☐	J200	0.00	330.00	627.04	128.71
16	☐	J202	97.00	415.00	627.04	91.88
17	☐	J204	49.00	425.00	627.15	87.59
18	☐	J206	40.50	405.00	626.97	96.18
19	☐	J208	250.50	350.00	626.80	119.94
20	☐	J210	0.00	395.00	627.02	100.54
21	☐	J211	8.00	500.00	626.93	55.00
22	☐	J212	29.00	430.00	627.12	85.41
23	☐	J213	180.00	500.00	626.68	54.89
24	☐	J214	0.00	430.00	627.12	85.41
25	☐	J215	0.00	470.00	626.90	67.99
26	☐	J216	152.00	420.00	627.43	89.88
27	☐	J217	0.00	435.00	627.23	83.29
28	☐	J218	34.00	425.00	627.39	87.70
29	☐	J220	276.00	475.00	627.70	66.17
30	☐	J222	40.00	520.00	628.54	47.03
31	☐	J224	0.00	620.00	629.43	4.09
32	☐	J226	0.00	620.00	629.92	4.30
33	☐	J300	44.00	500.00	691.02	82.77
34	☐	J302	116.00	525.00	691.08	71.96
35	☐	J304	26.50	525.00	694.86	73.60

J312 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
36	☐	J306	95.50	550.00	698.97	64.55
37	☐	J308	95.50	585.00	706.46	52.63
38	☐	J310	145.00	610.00	713.97	45.05
39	☐	J312	3,789.50	565.00	686.81	52.78
40	☐	J314	70.33	575.00	696.08	52.46
41	☐	J316	161.33	545.00	700.69	67.46
42	☐	J318	0.00	515.00	704.35	82.05
43	☐	J320	70.33	500.00	708.49	90.34
44	☐	J322	160.00	565.00	715.28	65.12
45	☐	J400	0.00	610.00	770.61	69.59
46	☐	J402	152.50	635.00	774.53	60.46
47	☐	J404	146.00	675.00	782.53	46.59
48	☐	J406	91.50	675.00	788.51	49.18
49	☐	J408	89.00	695.00	788.67	40.59
50	☐	J410	70.00	720.00	794.66	32.35
51	☐	J412	133.00	670.00	781.60	48.36
52	☐	J414	83.00	670.00	803.30	57.76
53	☐	J416	18.00	690.00	821.13	56.82
54	☐	J418	9.00	685.00	826.25	61.21
55	☐	J420	0.00	685.00	826.01	61.10
56	☐	J422	19.00	715.00	832.09	50.73
57	☐	J424	36.00	620.00	821.13	87.15
58	☐	J426	62.00	625.00	821.18	85.00
59	☐	J428	104.00	640.00	821.32	78.57
60	☐	J430	0.00	640.00	822.16	78.93
61	☐	J432	3.00	670.00	823.99	66.72
62	☐	J434	258.00	725.00	823.07	42.49
63	☐	J436	105.00	700.00	822.55	53.10
64	☐	J438	0.00	660.00	822.18	70.27
65	☐	J439	0.00	655.00	822.17	72.43
66	☐	J440	144.00	730.00	820.76	39.33
67	☐	J442	450.00	860.00	868.56	3.71
68	☐	J500	132.00	770.00	977.86	90.07
69	☐	J502	26.50	785.00	978.31	83.76
70	☐	J504	37.00	850.00	978.94	55.87

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
71	☐	J506	26.50	750.00	978.39	98.96
72	☐	J508	37.00	820.00	978.60	68.72
73	☐	J510	0.00	860.00	979.94	51.97
74	☐	J512	0.00	860.00	979.92	51.96
75	☐	J514	0.00	820.00	979.62	69.16
76	☐	J516	87.00	820.00	979.58	69.15

J312 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	1,231.27	3.49	3.66	3.73	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	1,069.94	3.04	4.62	2.87	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	999.61	2.84	4.99	2.53	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	1,461.60	4.15	0.46	5.12	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	1,461.60	4.15	8.19	5.12	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	1,301.60	3.69	6.79	4.13	Open	0
7	☐	P113	J204	J202	659.21	12.00	130.00	227.95	0.65	0.11	0.16	Open	0
8	☐	P115	J212	J210	1,091.58	12.00	130.00	160.05	0.45	0.09	0.09	Open	0
9	☐	P117	J210	J206	642.05	12.00	130.00	160.05	0.45	0.05	0.09	Open	0
10	☐	P119	J206	J202	1,228.20	12.00	130.00	-130.95	0.37	0.07	0.06	Open	0
11	☐	P121	J202	J200	1,640.03	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
12	☐	P123	J200	V8012	101.00	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
13	☐	P125	J206	J208	851.10	12.00	130.00	250.50	0.71	0.17	0.20	Open	0
14	☐	P127	V8012	J116	933.42	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
15	☐	P129	J116	J114	1,370.66	8.00	130.00	-69.50	0.44	0.18	0.13	Open	0
16	☐	P13	J408	J410	793.91	12.00	130.00	-1,801.06	5.11	5.98	7.54	Open	0
17	☐	P131	J114	J112	1,455.90	8.00	130.00	-153.50	0.98	0.83	0.57	Open	0
18	☐	P133	J112	J110	1,476.43	8.00	130.00	-237.50	1.52	1.88	1.27	Open	0
19	☐	P135	J120	J118	1,160.86	12.00	130.00	-340.26	0.97	0.40	0.34	Open	0
20	☐	P137	J110	J108	2,172.18	8.00	130.00	-352.50	2.25	5.75	2.65	Open	0
21	☐	P139	J108	J106	1,483.71	12.00	130.00	-249.37	0.71	0.29	0.19	Open	0
22	☐	P141	J106	J120	1,161.78	12.00	130.00	-315.26	0.89	0.35	0.30	Open	0
23	☐	P143	J108	J124	1,767.71	12.00	130.00	-231.13	0.66	0.30	0.17	Open	0
24	☐	P145	J124	J122	1,818.72	12.00	130.00	-404.13	1.15	0.86	0.47	Open	0
25	☐	P149	J126	J122	3,254.56	24.00	110.00	1,094.50	0.78	0.45	0.14	Open	0
26	☐	P15	J408	J406	772.23	8.00	130.00	91.50	0.58	0.17	0.22	Open	0
27	☐	P151	J122	J118	2,090.11	24.00	110.00	690.37	0.49	0.12	0.06	Open	0
28	☐	P153	J118	J102	3,497.96	24.00	110.00	236.62	0.17	0.03	0.01	Open	0
29	☐	P155	J106	J104	1,998.92	8.00	130.00	-57.12	0.36	0.18	0.09	Open	0
30	☐	P157	J104	J102	1,689.17	8.00	130.00	-112.12	0.72	0.54	0.32	Open	0
31	☐	P161	450TANK	J126	126.65	24.00	110.00	1,094.50	0.78	0.02	0.14	Open	0
32	☐	P163	J430	J432	1,021.58	16.00	110.00	-1,497.47	2.39	1.84	1.80	Open	0
33	☐	P165	J216	J218	1,061.07	8.00	130.00	34.00	0.22	0.04	0.03	Open	0
34	☐	P167	J102	J100	391.09	24.00	110.00	0.00	0.00	0.00	0.00	Open	0
35	☐	P17	J408	J404	992.22	12.00	130.00	1,620.56	4.60	6.15	6.20	Open	0

J312 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36	☐	P173	J500	J502	1,045.90	8.00	130.00	-132.00	0.84	0.45	0.43	Open	0
37	☐	P175	J502	J504	2,057.61	8.00	130.00	-109.82	0.70	0.63	0.31	Open	0
38	☐	P177	J504	J508	1,081.70	8.00	130.00	112.18	0.72	0.34	0.32	Open	0
39	☐	P179	J508	J506	1,371.67	8.00	130.00	75.18	0.48	0.21	0.15	Open	0
40	☐	P181	J506	J502	1,140.41	8.00	130.00	48.68	0.31	0.08	0.07	Open	0
41	☐	P183	J504	J510	668.19	8.00	130.00	-259.00	1.65	1.00	1.50	Open	0
42	☐	P185	J510	J512	118.05	8.00	130.00	87.00	0.56	0.02	0.20	Open	0
43	☐	P187	J512	J514	1,506.48	8.00	130.00	87.00	0.56	0.30	0.20	Open	0
44	☐	P189	J514	J516	172.23	8.00	130.00	87.00	0.56	0.03	0.20	Open	0
45	☐	P19	J404	J402	1,536.75	12.00	130.00	1,474.56	4.18	8.00	5.20	Open	0
46	☐	P191	J211	J214	921.75	8.00	130.00	-88.46	0.56	0.19	0.20	Open	0
47	☐	P193	J217	J216	1,579.66	20.00	110.00	-654.00	0.67	0.21	0.13	Open	0
48	☐	P195	J211	J213	1,446.40	8.00	130.00	80.46	0.51	0.25	0.17	Open	0
49	☐	P197	J213	J215	885.82	8.00	130.00	-99.54	0.64	0.23	0.25	Open	0
50	☐	P199	J215	J217	1,260.05	8.00	130.00	-99.54	0.64	0.32	0.25	Open	0
51	☐	P201	J226	J224	1,310.01	20.00	110.00	1,156.00	1.18	0.49	0.38	Open	0
52	☐	P203	860TAN	J442	146.36	20.00	110.00	6,746.99	6.89	1.44	9.84	Open	0
53	☐	P205	HYDROTAN	J510	170.37	12.00	130.00	346.00	0.98	0.06	0.36	Open	0
54	☐	P21	J402	J400	922.45	12.00	130.00	1,322.06	3.75	3.92	4.25	Open	0
55	☐	P23	J400	J412	1,212.45	12.00	130.00	-1,990.33	5.65	10.99	9.07	Open	0
56	☐	P25	J400	V8000	398.43	12.00	130.00	3,312.39	9.40	9.28	23.29	Open	0
57	☐	P27	V8000	J310	193.01	12.00	130.00	3,312.39	9.40	4.50	23.29	Open	0
58	☐	P29	J310	J308	1,190.15	8.00	130.00	563.29	3.60	7.51	6.31	Open	0
59	☐	P31	J308	J306	1,674.93	8.00	130.00	467.79	2.99	7.49	4.47	Open	0
60	☐	P33	J306	J304	1,405.05	8.00	130.00	372.29	2.38	4.12	2.93	Open	0
61	☐	P35	J304	J302	1,476.60	8.00	130.00	345.79	2.21	3.77	2.56	Open	0
62	☐	P37	J302	J312	1,230.63	12.00	130.00	1,185.40	3.36	4.27	3.47	Open	0
63	☐	P39	J312	J310	1,821.09	12.00	130.00	-2,604.10	7.39	27.17	14.92	Open	0
64	☐	P41	J410	J420	3,876.05	12.00	130.00	-1,871.06	5.31	31.35	8.09	Open	0
65	☐	P43	J420	J422	751.93	12.00	130.00	-1,871.06	5.31	6.08	8.09	Open	0
66	☐	P45	J422	J418	439.68	16.00	110.00	4,406.93	7.03	5.83	13.26	Open	0
67	☐	P47	J418	J416	457.82	12.00	130.00	2,229.27	6.32	5.12	11.19	Open	0
68	☐	P49	J416	J414	1,625.22	12.00	130.00	2,206.33	6.26	17.84	10.97	Open	0
69	☐	P51	J414	J412	2,122.29	12.00	130.00	2,123.33	6.02	21.69	10.22	Open	0
70	☐	P53	J418	J432	634.61	16.00	110.00	2,168.66	3.46	2.26	3.57	Open	0

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
71	☐	P55	J432	J434	769.96	12.00	130.00	668.19	1.90	0.92	1.20	Open	0
72	☐	P57	J434	J436	1,055.96	12.00	130.00	410.19	1.16	0.51	0.49	Open	0
73	☐	P59	J436	J438	1,315.60	12.00	130.00	305.19	0.87	0.37	0.28	Open	0
74	☐	P61	J438	J430	914.98	16.00	110.00	161.19	0.26	0.03	0.03	Open	0
75	☐	P63	J430	J428	927.10	8.00	130.00	197.05	1.26	0.84	0.90	Open	0
76	☐	P65	J428	J426	638.29	8.00	130.00	93.05	0.59	0.14	0.22	Open	0
77	☐	P67	J426	J424	1,511.12	8.00	130.00	31.05	0.20	0.04	0.03	Open	0
78	☐	P69	J424	J416	1,822.66	8.00	130.00	-4.95	0.03	0.00	0.00	Open	0
79	☐	P71	J438	J439	664.78	16.00	110.00	144.00	0.23	0.02	0.02	Open	0
80	☐	P73	J439	J440	2,787.55	8.00	130.00	144.00	0.92	1.41	0.50	Open	0
81	☐	P75	J422	J442	4,210.49	20.00	110.00	-6,296.99	6.43	36.47	8.66	Open	0
82	☐	P79	J302	J300	1,024.52	8.00	130.00	44.00	0.28	0.06	0.06	Open	0
83	☐	P81	J300	V8002	139.52	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
84	☐	P83	V8002	J211	370.15	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
85	☐	P85	J214	J212	513.53	20.00	110.00	-88.46	0.09	0.00	0.00	Open	0
86	☐	P87	J212	J204	1,219.18	20.00	110.00	-277.51	0.28	0.03	0.03	Open	0
87	☐	P89	J204	J217	782.36	20.00	110.00	-554.46	0.57	0.08	0.10	Open	0
88	☐	P91	J216	J220	1,304.51	20.00	110.00	-840.00	0.86	0.27	0.21	Open	0
89	☐	P93	J220	J222	2,389.16	20.00	110.00	-1,116.00	1.14	0.84	0.35	Open	0
90	☐	P95	J222	J224	2,362.87	20.00	110.00	-1,156.00	1.18	0.89	0.38	Open	0
91	☐	P97	620TAN	J226	212.06	20.00	110.00	1,156.00	1.18	0.08	0.38	Open	0
92	☐	P99	J320	J318	1,109.93	12.00	130.00	1,231.27	3.49	4.14	3.73	Open	0

		ID	Flow (gpm)	Head (ft)
1	☐	450TANK	-1,094.50	460.00
2	☐	620TAN	-1,156.00	630.00
3	☐	860TAN	-6,746.99	870.00
4	☐	HYDROTAN	-346.00	980.00

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	65.57	47.00	3,312.39	21.14	42.86	Active	47.00
2	☐	V8002	8.00	520.00	74.10	46.33	0.00	0.00	0.00	Closed	45.00
3	☐	V8004	8.00	615.00	89.56	47.00	1,461.60	9.33	98.22	Active	47.00
4	☐	V8012	8.00	340.00	124.38	47.55	0.00	0.00	0.00	Closed	46.00

J320 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J300	44.00	500.00	697.21	85.45
2	☐	J302	116.00	525.00	697.27	74.64
3	☐	J304	26.50	525.00	700.17	75.90
4	☐	J306	95.50	550.00	703.40	66.47
5	☐	J308	95.50	585.00	709.60	53.99
6	☐	J310	145.00	610.00	716.02	45.94
7	☐	J312	290.00	565.00	703.36	59.95
8	☐	J314	70.26	575.00	685.68	47.96
9	☐	J316	161.33	545.00	677.01	57.20
10	☐	J318	0.00	515.00	672.71	68.33
11	☐	J320	4,070.26	500.00	667.85	72.73
12	☐	J322	160.00	565.00	694.58	56.15
13	☐	J400	0.00	610.00	785.89	76.22
14	☐	J402	152.50	635.00	788.11	66.34
15	☐	J404	146.00	675.00	792.94	51.10
16	☐	J406	91.50	675.00	796.69	52.73
17	☐	J408	89.00	695.00	796.85	44.13
18	☐	J410	70.00	720.00	800.86	35.04
19	☐	J412	133.00	670.00	791.75	52.75
20	☐	J414	83.00	670.00	803.85	58.00
21	☐	J416	18.00	690.00	814.05	53.75
22	☐	J418	9.00	685.00	818.25	57.74
23	☐	J420	0.00	685.00	822.19	59.45
24	☐	J422	19.00	715.00	826.33	48.24
25	☐	J424	36.00	620.00	809.26	82.01
26	☐	J426	62.00	625.00	806.01	78.43
27	☐	J428	104.00	640.00	805.09	71.53
28	☐	J430	0.00	640.00	804.59	71.32
29	☐	J432	3.00	670.00	808.60	60.06
30	☐	J434	258.00	725.00	806.76	35.43
31	☐	J436	105.00	700.00	805.68	45.79
32	☐	J438	0.00	660.00	804.70	62.70
33	☐	J439	0.00	655.00	804.69	64.86
34	☐	J440	144.00	730.00	803.28	31.75
35	☐	J442	450.00	860.00	868.36	3.62

J320 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	-1,343.08	3.81	4.30	4.38	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	-1,504.41	4.27	8.68	5.40	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	-1,574.67	4.47	11.59	5.88	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	2,887.18	8.19	1.63	18.06	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	2,887.18	8.19	28.89	18.06	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	2,727.18	7.74	26.73	16.25	Open	0
7	☐	P13	J408	J410	793.91	12.00	130.00	-1,450.06	4.11	4.00	5.04	Open	0
8	☐	P15	J408	J406	772.23	8.00	130.00	91.50	0.58	0.17	0.22	Open	0
9	☐	P163	J430	J432	940.15	16.00	110.00	-2,388.01	3.81	4.01	4.26	Open	0
10	☐	P17	J408	J404	992.22	12.00	130.00	1,269.56	3.60	3.91	3.94	Open	0
11	☐	P19	J404	J402	1,536.75	12.00	130.00	1,123.56	3.19	4.83	3.14	Open	0
12	☐	P203	860TAN	J442	146.36	20.00	110.00	7,247.35	7.40	1.64	11.24	Open	0
13	☐	P21	J402	J400	922.45	12.00	130.00	971.06	2.75	2.21	2.40	Open	0
14	☐	P23	J400	J412	1,212.45	12.00	130.00	-1,416.11	4.02	5.85	4.83	Open	0
15	☐	P25	J400	V8000	398.43	12.00	130.00	2,387.17	6.77	5.06	12.70	Open	0
16	☐	P27	V8000	J310	193.01	12.00	130.00	2,387.17	6.77	2.45	12.70	Open	0
17	☐	P29	J310	J308	1,190.15	8.00	130.00	517.62	3.30	6.42	5.40	Open	0
18	☐	P31	J308	J306	1,674.93	8.00	130.00	422.12	2.69	6.19	3.70	Open	0
19	☐	P33	J306	J304	1,405.05	8.00	130.00	326.62	2.08	3.23	2.30	Open	0
20	☐	P35	J304	J302	1,476.60	8.00	130.00	300.12	1.92	2.90	1.97	Open	0
21	☐	P37	J302	J312	1,230.63	12.00	130.00	-1,434.55	4.07	6.09	4.94	Open	0
22	☐	P39	J312	J310	1,821.09	12.00	130.00	-1,724.55	4.89	12.66	6.95	Open	0
23	☐	P41	J410	J420	3,876.05	12.00	130.00	-1,520.06	4.31	21.34	5.50	Open	0
24	☐	P43	J420	J422	751.93	12.00	130.00	-1,520.06	4.31	4.14	5.50	Open	0
25	☐	P45	J422	J418	439.68	16.00	110.00	5,258.29	8.39	8.09	18.39	Open	0
26	☐	P47	J418	J416	457.82	12.00	130.00	2,001.25	5.68	4.19	9.16	Open	0
27	☐	P49	J416	J414	1,625.22	12.00	130.00	1,632.11	4.63	10.21	6.28	Open	0
28	☐	P51	J414	J412	2,122.29	12.00	130.00	1,549.11	4.39	12.10	5.70	Open	0
29	☐	P53	J418	J432	1,279.56	16.00	110.00	3,248.04	5.18	9.64	7.54	Open	0
30	☐	P55	J432	J434	967.66	12.00	130.00	857.04	2.43	1.84	1.90	Open	0
31	☐	P57	J434	J436	1,100.03	12.00	130.00	599.04	1.70	1.08	0.98	Open	0
32	☐	P59	J436	J438	1,419.86	12.00	130.00	494.04	1.40	0.97	0.69	Open	0
33	☐	P61	J438	J430	914.98	16.00	110.00	350.04	0.56	0.11	0.12	Open	0
34	☐	P63	J430	J428	927.10	8.00	130.00	-149.14	0.95	0.50	0.54	Open	0
35	☐	P65	J428	J426	638.29	8.00	130.00	-253.14	1.62	0.92	1.43	Open	0

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36	☐	P67	J426	J424	1,511.12	8.00	130.00	-315.14	2.01	3.25	2.15	Open	0
37	☐	P69	J424	J416	1,822.66	8.00	130.00	-351.14	2.24	4.79	2.63	Open	0
38	☐	P71	J438	J439	664.78	16.00	110.00	144.00	0.23	0.02	0.02	Open	0
39	☐	P73	J439	J440	2,787.55	8.00	130.00	144.00	0.92	1.41	0.50	Open	0
40	☐	P75	J422	J442	4,210.49	20.00	110.00	-6,797.35	6.94	42.02	9.98	Open	0
41	☐	P79	J302	J300	1,024.52	8.00	130.00	44.00	0.28	0.06	0.06	Open	0
42	☐	P99	J320	J318	1,109.93	12.00	130.00	-1,343.08	3.81	4.86	4.38	Open	0

J320 FF Reservoir

		ID	Flow (gpm)	Head (ft)
1	☐	860TAN	-7,247.35	870.00

J320 FF PRVs

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	74.02	47.00	2,387.17	15.24	62.37	Active	47.00
2	☐	V8004	8.00	615.00	81.44	47.00	2,887.18	18.43	79.49	Active	47.00

J412 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J300	44.00	500.00	717.80	94.37
2	☐	J302	116.00	525.00	717.86	83.57
3	☐	J304	26.50	525.00	717.65	83.48
4	☐	J306	95.50	550.00	717.57	72.61
5	☐	J308	95.50	585.00	717.69	57.49
6	☐	J310	145.00	610.00	718.30	46.92
7	☐	J312	290.00	565.00	717.86	66.23
8	☐	J314	70.26	575.00	718.22	62.06
9	☐	J316	161.33	545.00	718.69	75.26
10	☐	J318	0.00	515.00	719.31	88.53
11	☐	J320	70.26	500.00	720.01	95.33
12	☐	J322	160.00	565.00	721.36	67.75
13	☐	J400	0.00	610.00	739.51	56.12
14	☐	J402	152.50	635.00	745.60	47.92
15	☐	J404	146.00	675.00	757.51	35.75
16	☐	J406	91.50	675.00	766.21	39.52
17	☐	J408	89.00	695.00	766.38	30.93
18	☐	J410	70.00	720.00	774.72	23.71
19	☐	J412	4,133.00	670.00	735.81	28.51
20	☐	J414	83.00	670.00	777.66	46.65
21	☐	J416	18.00	690.00	811.36	52.59
22	☐	J418	9.00	685.00	820.14	58.56
23	☐	J420	0.00	685.00	817.95	57.61
24	☐	J422	19.00	715.00	826.33	48.24
25	☐	J424	36.00	620.00	812.31	83.33
26	☐	J426	62.00	625.00	813.49	81.67
27	☐	J428	104.00	640.00	814.35	75.54
28	☐	J430	0.00	640.00	816.75	76.58
29	☐	J432	3.00	670.00	817.66	63.98
30	☐	J434	258.00	725.00	817.01	39.87
31	☐	J436	105.00	700.00	816.82	50.62
32	☐	J438	0.00	660.00	816.75	67.92
33	☐	J439	0.00	655.00	816.73	70.08
34	☐	J440	144.00	730.00	815.33	36.97
35	☐	J442	450.00	860.00	868.36	3.62

J412 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	472.89	1.34	0.62	0.63	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	311.56	0.88	0.47	0.29	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	241.30	0.68	0.36	0.18	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	703.16	1.99	0.12	1.32	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	703.15	1.99	2.11	1.32	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	543.15	1.54	1.35	0.82	Open	0
7	☐	P13	J408	J410	793.91	12.00	130.00	-2,155.48	6.11	8.34	10.51	Open	0
8	☐	P15	J408	J406	772.23	8.00	130.00	91.50	0.58	0.17	0.22	Open	0
9	☐	P163	J430	J432	940.15	16.00	110.00	-1,070.76	1.71	0.91	0.97	Open	0
10	☐	P17	J408	J404	992.22	12.00	130.00	1,974.98	5.60	8.87	8.94	Open	0
11	☐	P19	J404	J402	1,536.75	12.00	130.00	1,828.98	5.19	11.92	7.75	Open	0
12	☐	P203	860TAN	J442	146.36	20.00	110.00	7,247.35	7.40	1.64	11.24	Open	0
13	☐	P21	J402	J400	922.45	12.00	130.00	1,676.48	4.76	6.09	6.60	Open	0
14	☐	P23	J400	J412	1,212.45	12.00	130.00	1,105.29	3.14	3.70	3.05	Open	0
15	☐	P25	J400	V8000	398.43	12.00	130.00	571.19	1.62	0.36	0.90	Open	0
16	☐	P27	V8000	J310	193.01	12.00	130.00	571.20	1.62	0.17	0.90	Open	0
17	☐	P29	J310	J308	1,190.15	8.00	130.00	145.39	0.93	0.61	0.51	Open	0
18	☐	P31	J308	J306	1,674.93	8.00	130.00	49.89	0.32	0.12	0.07	Open	0
19	☐	P33	J306	J304	1,405.05	8.00	130.00	-45.61	0.29	0.08	0.06	Open	0
20	☐	P35	J304	J302	1,476.60	8.00	130.00	-72.11	0.46	0.21	0.14	Open	0
21	☐	P37	J302	J312	1,230.63	12.00	130.00	9.19	0.03	0.00	0.00	Open	0
22	☐	P39	J312	J310	1,821.09	12.00	130.00	-280.81	0.80	0.44	0.24	Open	0
23	☐	P41	J410	J420	3,876.05	12.00	130.00	-2,225.48	6.31	43.22	11.15	Open	0
24	☐	P43	J420	J422	751.93	12.00	130.00	-2,225.48	6.31	8.39	11.15	Open	0
25	☐	P45	J422	J418	439.68	16.00	110.00	4,552.87	7.26	6.19	14.09	Open	0
26	☐	P47	J418	J416	457.82	12.00	130.00	2,982.36	8.46	8.78	19.18	Open	0
27	☐	P49	J416	J414	1,625.22	12.00	130.00	3,110.71	8.82	33.70	20.73	Open	0
28	☐	P51	J414	J412	2,122.29	12.00	130.00	3,027.71	8.59	41.85	19.72	Open	0
29	☐	P53	J418	J432	1,279.56	16.00	110.00	1,561.51	2.49	2.48	1.94	Open	0
30	☐	P55	J432	J434	967.66	12.00	130.00	487.75	1.38	0.65	0.67	Open	0
31	☐	P57	J434	J436	1,100.03	12.00	130.00	229.75	0.65	0.18	0.17	Open	0
32	☐	P59	J436	J438	1,419.86	12.00	130.00	124.75	0.35	0.08	0.05	Open	0
33	☐	P61	J438	J430	914.98	16.00	110.00	-19.25	0.03	0.00	0.00	Open	0
34	☐	P63	J430	J428	927.10	8.00	130.00	348.35	2.22	2.40	2.59	Open	0
35	☐	P65	J428	J426	638.29	8.00	130.00	244.35	1.56	0.86	1.34	Open	0

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36	☐	P67	J426	J424	1,511.12	8.00	130.00	182.35	1.16	1.18	0.78	Open	0
37	☐	P69	J424	J416	1,822.66	8.00	130.00	146.35	0.93	0.95	0.52	Open	0
38	☐	P71	J438	J439	664.78	16.00	110.00	144.00	0.23	0.02	0.02	Open	0
39	☐	P73	J439	J440	2,787.55	8.00	130.00	144.00	0.92	1.41	0.50	Open	0
40	☐	P75	J422	J442	4,210.49	20.00	110.00	-6,797.35	6.94	42.02	9.98	Open	0
41	☐	P79	J302	J300	1,024.52	8.00	130.00	44.00	0.28	0.06	0.06	Open	0
42	☐	P99	J320	J318	1,109.93	12.00	130.00	472.89	1.34	0.70	0.63	Open	0

J412 FF Reservoir

		ID	Flow (gpm)	Head (ft)
1	☐	860TAN	-7,247.35	870.00

J412 FF PRVs

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	55.96	47.00	571.19	3.65	20.68	Active	47.00
2	☐	V8004	8.00	615.00	87.37	47.00	703.16	4.49	93.16	Active	47.00

J434 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J100	0.00	114.00	459.38	149.65
2	☐	J102	124.50	120.00	459.38	147.05
3	☐	J104	55.00	115.00	458.84	148.99
4	☐	J106	123.00	175.00	458.66	122.91
5	☐	J108	128.00	165.00	458.37	127.12
6	☐	J110	115.00	235.00	452.62	94.29
7	☐	J112	84.00	285.00	450.74	71.81
8	☐	J114	84.00	300.00	449.91	64.96
9	☐	J116	69.50	260.00	449.73	82.21
10	☐	J118	113.50	245.00	459.40	92.90
11	☐	J120	25.00	210.00	459.00	107.89
12	☐	J122	0.00	355.00	459.53	45.29
13	☐	J124	173.00	290.00	458.67	73.08
14	☐	J126	0.00	430.00	459.98	12.99
15	☐	J200	0.00	330.00	627.04	128.71
16	☐	J202	97.00	415.00	627.04	91.88
17	☐	J204	49.00	425.00	627.15	87.59
18	☐	J206	40.50	405.00	626.97	96.18
19	☐	J208	250.50	350.00	626.80	119.94
20	☐	J210	0.00	395.00	627.02	100.54
21	☐	J211	8.00	500.00	626.93	55.00
22	☐	J212	29.00	430.00	627.12	85.41
23	☐	J213	180.00	500.00	626.68	54.89
24	☐	J214	0.00	430.00	627.12	85.41
25	☐	J215	0.00	470.00	626.90	67.99
26	☐	J216	152.00	420.00	627.43	89.88
27	☐	J217	0.00	435.00	627.23	83.29
28	☐	J218	34.00	425.00	627.39	87.70
29	☐	J220	276.00	475.00	627.70	66.17
30	☐	J222	40.00	520.00	628.54	47.03
31	☐	J224	0.00	620.00	629.43	4.09
32	☐	J226	0.00	620.00	629.92	4.30
33	☐	J300	44.00	500.00	717.80	94.37
34	☐	J302	116.00	525.00	717.86	83.57
35	☐	J304	26.50	525.00	717.65	83.48

J434 FF Junctions

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
36	☐	J306	95.50	550.00	717.57	72.61
37	☐	J308	95.50	585.00	717.69	57.49
38	☐	J310	145.00	610.00	718.30	46.92
39	☐	J312	289.50	565.00	717.86	66.23
40	☐	J314	70.33	575.00	718.22	62.06
41	☐	J316	161.33	545.00	718.69	75.26
42	☐	J318	0.00	515.00	719.31	88.53
43	☐	J320	70.33	500.00	720.01	95.33
44	☐	J322	160.00	565.00	721.36	67.75
45	☐	J400	0.00	610.00	820.16	91.06
46	☐	J402	152.50	635.00	820.41	80.34
47	☐	J404	146.00	675.00	821.29	63.39
48	☐	J406	91.50	675.00	822.08	63.73
49	☐	J408	89.00	695.00	822.25	55.14
50	☐	J410	70.00	720.00	823.50	44.85
51	☐	J412	133.00	670.00	820.45	65.19
52	☐	J414	83.00	670.00	821.47	65.63
53	☐	J416	18.00	690.00	822.57	57.44
54	☐	J418	9.00	685.00	823.49	60.01
55	☐	J420	0.00	685.00	830.69	63.13
56	☐	J422	19.00	715.00	832.09	50.73
57	☐	J424	36.00	620.00	817.21	85.45
58	☐	J426	62.00	625.00	813.52	81.69
59	☐	J428	104.00	640.00	812.45	74.72
60	☐	J430	0.00	640.00	811.81	74.44
61	☐	J432	3.00	670.00	814.59	62.65
62	☐	J434	3,758.00	725.00	802.62	33.63
63	☐	J436	105.00	700.00	805.79	45.84
64	☐	J438	0.00	660.00	810.46	65.19
65	☐	J439	0.00	655.00	810.45	67.35
66	☐	J440	144.00	730.00	809.04	34.25
67	☐	J442	450.00	860.00	868.56	3.71
68	☐	J500	132.00	770.00	977.86	90.07
69	☐	J502	26.50	785.00	978.31	83.76
70	☐	J504	37.00	850.00	978.94	55.87

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
71	☐	J506	26.50	750.00	978.39	98.96
72	☐	J508	37.00	820.00	978.60	68.72
73	☐	J510	0.00	860.00	979.94	51.97
74	☐	J512	0.00	860.00	979.92	51.96
75	☐	J514	0.00	820.00	979.62	69.16
76	☐	J516	87.00	820.00	979.58	69.15

J434 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
1	☐	P101	J318	J316	982.19	12.00	130.00	472.81	1.34	0.62	0.63	Open	0
2	☐	P103	J316	J314	1,607.03	12.00	130.00	311.48	0.88	0.47	0.29	Open	0
3	☐	P105	J314	J302	1,971.86	12.00	130.00	241.15	0.68	0.36	0.18	Open	0
4	☐	P107	J430	V8004	90.27	12.00	130.00	703.14	1.99	0.12	1.32	Open	0
5	☐	P109	V8004	J322	1,599.79	12.00	130.00	703.14	1.99	2.11	1.32	Open	0
6	☐	P111	J322	J320	1,644.95	12.00	130.00	543.14	1.54	1.35	0.82	Open	0
7	☐	P113	J204	J202	659.21	12.00	130.00	227.95	0.65	0.11	0.16	Open	0
8	☐	P115	J212	J210	1,091.58	12.00	130.00	160.05	0.45	0.09	0.09	Open	0
9	☐	P117	J210	J206	642.05	12.00	130.00	160.05	0.45	0.05	0.09	Open	0
10	☐	P119	J206	J202	1,228.20	12.00	130.00	-130.95	0.37	0.07	0.06	Open	0
11	☐	P121	J202	J200	1,640.03	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
12	☐	P123	J200	V8012	101.00	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
13	☐	P125	J206	J208	851.10	12.00	130.00	250.50	0.71	0.17	0.20	Open	0
14	☐	P127	V8012	J116	933.42	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
15	☐	P129	J116	J114	1,370.66	8.00	130.00	-69.50	0.44	0.18	0.13	Open	0
16	☐	P13	J408	J410	793.91	12.00	130.00	-774.74	2.20	1.25	1.58	Open	0
17	☐	P131	J114	J112	1,455.90	8.00	130.00	-153.50	0.98	0.83	0.57	Open	0
18	☐	P133	J112	J110	1,476.43	8.00	130.00	-237.50	1.52	1.88	1.27	Open	0
19	☐	P135	J120	J118	1,160.86	12.00	130.00	-340.26	0.97	0.40	0.34	Open	0
20	☐	P137	J110	J108	2,172.18	8.00	130.00	-352.50	2.25	5.75	2.65	Open	0
21	☐	P139	J108	J106	1,483.71	12.00	130.00	-249.37	0.71	0.29	0.19	Open	0
22	☐	P141	J106	J120	1,161.78	12.00	130.00	-315.26	0.89	0.35	0.30	Open	0
23	☐	P143	J108	J124	1,767.71	12.00	130.00	-231.13	0.66	0.30	0.17	Open	0
24	☐	P145	J124	J122	1,818.72	12.00	130.00	-404.13	1.15	0.86	0.47	Open	0
25	☐	P149	J126	J122	3,254.56	24.00	110.00	1,094.50	0.78	0.45	0.14	Open	0
26	☐	P15	J408	J406	772.23	8.00	130.00	91.50	0.58	0.17	0.22	Open	0
27	☐	P151	J122	J118	2,090.11	24.00	110.00	690.37	0.49	0.12	0.06	Open	0
28	☐	P153	J118	J102	3,497.96	24.00	110.00	236.62	0.17	0.03	0.01	Open	0
29	☐	P155	J106	J104	1,998.92	8.00	130.00	-57.12	0.36	0.18	0.09	Open	0
30	☐	P157	J104	J102	1,689.17	8.00	130.00	-112.12	0.72	0.54	0.32	Open	0
31	☐	P161	450TANK	J126	126.65	24.00	110.00	1,094.50	0.78	0.02	0.14	Open	0
32	☐	P163	J430	J432	1,021.58	16.00	110.00	-1,875.94	2.99	2.79	2.73	Open	0
33	☐	P165	J216	J218	1,061.07	8.00	130.00	34.00	0.22	0.04	0.03	Open	0
34	☐	P167	J102	J100	391.09	24.00	110.00	0.00	0.00	0.00	0.00	Open	0
35	☐	P17	J408	J404	992.22	12.00	130.00	594.24	1.69	0.96	0.97	Open	0

J434 FF Pipes

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
36		P173	J500	J502	1,045.90	8.00	130.00	-132.00	0.84	0.45	0.43	Open	0
37		P175	J502	J504	2,057.61	8.00	130.00	-109.82	0.70	0.63	0.31	Open	0
38		P177	J504	J508	1,081.70	8.00	130.00	112.18	0.72	0.34	0.32	Open	0
39		P179	J508	J506	1,371.67	8.00	130.00	75.18	0.48	0.21	0.15	Open	0
40		P181	J506	J502	1,140.41	8.00	130.00	48.68	0.31	0.08	0.07	Open	0
41		P183	J504	J510	668.19	8.00	130.00	-259.00	1.65	1.00	1.50	Open	0
42		P185	J510	J512	118.05	8.00	130.00	87.00	0.56	0.02	0.20	Open	0
43		P187	J512	J514	1,506.48	8.00	130.00	87.00	0.56	0.30	0.20	Open	0
44		P189	J514	J516	172.23	8.00	130.00	87.00	0.56	0.03	0.20	Open	0
45		P19	J404	J402	1,536.75	12.00	130.00	448.24	1.27	0.88	0.57	Open	0
46		P191	J211	J214	921.75	8.00	130.00	-88.46	0.56	0.19	0.20	Open	0
47		P193	J217	J216	1,579.66	20.00	110.00	-654.00	0.67	0.21	0.13	Open	0
48		P195	J211	J213	1,446.40	8.00	130.00	80.46	0.51	0.25	0.17	Open	0
49		P197	J213	J215	885.82	8.00	130.00	-99.54	0.64	0.23	0.25	Open	0
50		P199	J215	J217	1,260.05	8.00	130.00	-99.54	0.64	0.32	0.25	Open	0
51		P201	J226	J224	1,310.01	20.00	110.00	1,156.00	1.18	0.49	0.38	Open	0
52		P203	860TAN	J442	146.36	20.00	110.00	6,746.99	6.89	1.44	9.84	Open	0
53		P205	HYDROTAN	J510	170.37	12.00	130.00	346.00	0.98	0.06	0.36	Open	0
54		P21	J402	J400	922.45	12.00	130.00	295.74	0.84	0.24	0.27	Open	0
55		P23	J400	J412	1,212.45	12.00	130.00	-275.10	0.78	0.28	0.23	Open	0
56		P25	J400	V8000	398.43	12.00	130.00	570.85	1.62	0.36	0.90	Open	0
57		P27	V8000	J310	193.01	12.00	130.00	570.85	1.62	0.17	0.90	Open	0
58		P29	J310	J308	1,190.15	8.00	130.00	145.35	0.93	0.61	0.51	Open	0
59		P31	J308	J306	1,674.93	8.00	130.00	49.85	0.32	0.12	0.07	Open	0
60		P33	J306	J304	1,405.05	8.00	130.00	-45.65	0.29	0.08	0.06	Open	0
61		P35	J304	J302	1,476.60	8.00	130.00	-72.15	0.46	0.21	0.14	Open	0
62		P37	J302	J312	1,230.63	12.00	130.00	9.00	0.03	0.00	0.00	Open	0
63		P39	J312	J310	1,821.09	12.00	130.00	-280.50	0.80	0.44	0.24	Open	0
64		P41	J410	J420	3,876.05	12.00	130.00	-844.74	2.40	7.19	1.85	Open	0
65		P43	J420	J422	751.93	12.00	130.00	-844.74	2.40	1.39	1.85	Open	0
66		P45	J422	J418	439.68	16.00	110.00	5,433.25	8.67	8.59	19.54	Open	0
67		P47	J418	J416	457.82	12.00	130.00	882.32	2.50	0.92	2.01	Open	0
68		P49	J416	J414	1,625.22	12.00	130.00	491.10	1.39	1.10	0.68	Open	0
69		P51	J414	J412	2,122.29	12.00	130.00	408.10	1.16	1.02	0.48	Open	0
70		P53	J418	J432	634.61	16.00	110.00	4,541.92	7.25	8.90	14.02	Open	0

		ID	From Node	To Node	Length (ft)	Diameter (in)	Roughness	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	HL/1000 (ft/k-ft)	Status	Flow Reversal Count
71	☐	P55	J432	J434	769.96	12.00	130.00	2,662.99	7.55	11.97	15.55	Open	0
72	☐	P57	J434	J436	1,055.96	12.00	130.00	-1,095.01	3.11	3.17	3.00	Open	0
73	☐	P59	J436	J438	1,315.60	12.00	130.00	-1,200.01	3.40	4.67	3.55	Open	0
74	☐	P61	J438	J430	914.98	16.00	110.00	-1,344.01	2.14	1.35	1.47	Open	0
75	☐	P63	J430	J428	927.10	8.00	130.00	-171.22	1.09	0.64	0.70	Open	0
76	☐	P65	J428	J426	638.29	8.00	130.00	-275.22	1.76	1.07	1.67	Open	0
77	☐	P67	J426	J424	1,511.12	8.00	130.00	-337.22	2.15	3.69	2.44	Open	0
78	☐	P69	J424	J416	1,822.66	8.00	130.00	-373.22	2.38	5.37	2.94	Open	0
79	☐	P71	J438	J439	664.78	16.00	110.00	144.00	0.23	0.02	0.02	Open	0
80	☐	P73	J439	J440	2,787.55	8.00	130.00	144.00	0.92	1.41	0.50	Open	0
81	☐	P75	J422	J442	4,210.49	20.00	110.00	-6,296.99	6.43	36.47	8.66	Open	0
82	☐	P79	J302	J300	1,024.52	8.00	130.00	44.00	0.28	0.06	0.06	Open	0
83	☐	P81	J300	V8002	139.52	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
84	☐	P83	V8002	J211	370.15	8.00	130.00	0.00	0.00	0.00	0.00	Open	0
85	☐	P85	J214	J212	513.53	20.00	110.00	-88.46	0.09	0.00	0.00	Open	0
86	☐	P87	J212	J204	1,219.18	20.00	110.00	-277.51	0.28	0.03	0.03	Open	0
87	☐	P89	J204	J217	782.36	20.00	110.00	-554.46	0.57	0.08	0.10	Open	0
88	☐	P91	J216	J220	1,304.51	20.00	110.00	-840.00	0.86	0.27	0.21	Open	0
89	☐	P93	J220	J222	2,389.16	20.00	110.00	-1,116.00	1.14	0.84	0.35	Open	0
90	☐	P95	J222	J224	2,362.87	20.00	110.00	-1,156.00	1.18	0.89	0.38	Open	0
91	☐	P97	620TAN	J226	212.06	20.00	110.00	1,156.00	1.18	0.08	0.38	Open	0
92	☐	P99	J320	J318	1,109.93	12.00	130.00	472.81	1.34	0.70	0.63	Open	0

		ID	Flow (gpm)	Head (ft)
1	☐	450TANK	-1,094.50	460.00
2	☐	620TAN	-1,156.00	630.00
3	☐	860TAN	-6,746.99	870.00
4	☐	HYDROTAN	-346.00	980.00

J434 FF PRVs

		ID	Diameter (in)	Elevation (ft)	Upstream Pressure (psi)	Downstream Pressure (psi)	Flow (gpm)	Velocity (ft/s)	Headloss (ft)	Status	Setting
1	☐	V8000	8.00	610.00	90.91	47.00	570.85	3.64	101.34	Active	47.00
2	☐	V8002	8.00	520.00	85.71	46.33	0.00	0.00	0.00	Closed	45.00
3	☐	V8004	8.00	615.00	85.22	47.00	703.14	4.49	88.22	Active	47.00
4	☐	V8012	8.00	340.00	124.38	47.55	0.00	0.00	0.00	Closed	46.00