SANTAQUIN CITY

2023 SANITARY SEWER SYSTEM IMPACT FEE FACILITIES PLAN

Prepared by:

J-U-B ENGINEERS, INC.

240 West Center Street, Suite 200

Orem, Utah 84057

(801) 226-0393

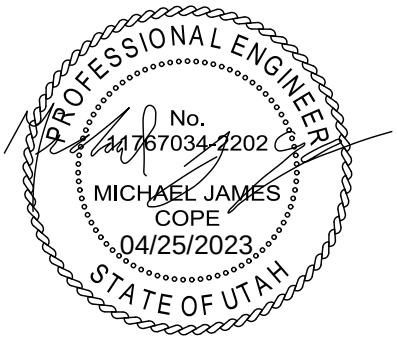
www.jub.com

Adopted by Santaquin City Council

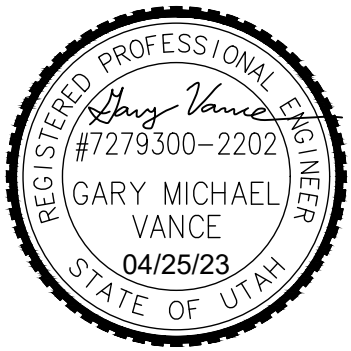
on May 2, 2023

J·U·B ENGINEERS, INC.

PROFESSIONAL ENGINEER CERTIFICATION



I, Michael J. Cope, do certify that this Master Plan & Capital Facilities Plan report was prepared under my charge, with the exception of the portions relating to wastewater treatment and effluent handling.



I, Gary Vance, do certify that the portions of this Master Plan & Capital Facilities Plan report relating to wastewater treatment and effluent handling were prepared under my charge.

SANITARY SEWER IMPACT FEE FACILITIES PLAN

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I. INTRODUCTION

A. Purpose

The purpose of the Sanitary Sewer Impact Fee Facilities Plan (IFFP) is to fulfill the requirements established in Utah Code Title 11 Chapter 36a, the "Impact Fees Act" relative to impact fee facilities plans. Appendix A contains the Impact Fee Act (Enacted by Chapter 47, 2011 General Session).

B. Background

The Sanitary Sewer Master Plan and Capital Facilities Plan (MP & CFP) is a document that establishes long term plans for Santaquin City's sanitary sewer infrastructure. It also performs the following functions pertinent to the Impact Fee Facilities Plan:

1. Identifies the level of service
2. Distinguishes between system improvements and project improvements
3. Identifies system improvements, and their associated costs, that will be required in the future to accommodate future growth
4. Identifies cost sharing based on proportional historical, current, and projected future growth
5. Evaluates available funding sources
6. Recommends a schedule of project construction based on projected growth rates and prioritizes projects

This IFFP document extracts information from the 2023 Sanitary Sewer MP & CFP to provide the information that becomes the foundation for the Sanitary Sewer Impact Fee Analysis (IFA).

Appendix B contains the Sanitary Sewer MP & CFP by reference.

C. Scope

The Sanitary Sewer IFFP takes results and documentation from the MP & CFP and supplements it to provide the basis needed to complete the Sanitary Sewer Impact Fee Analysis. It is intended that this document comply with the Utah Impact Fee Act as it currently exists.

II. LEVEL OF SERVICE

A. Level of Service from Sanitary Sewer Master Plan and Capital Facilities Plan

The level of service (LOS) criteria for the sanitary sewer system is defined as follows:

1. Collection/Transmission

   Santaquin City has chosen the following LOS: peak hour flow (or "q") divided by full flow (or "Qfull") of less than or equal to 85%, which corresponds to a flow depth of about 78%, and the pipe is not surcharged due to downstream capacity deficiencies. That depth is desirable because it provides a degree of protection against surcharging which causes overflows and lateral backups and contributes to odors and hydrogen sulfide generation.

   If a pipe is located in an area without basements, then a peak hour flow level of service of up to 95% may be acceptable.

   For pipes where buildout modeling indicates existing infrastructure will not meet the level of service, but there are no sewer laterals connected to the pipe or expected to connect to the pipe in the future, or the specific situation is not expected to create any operational or maintenance problems, the pipes will be placed on a watch list. As time passes, if it appears the pipes may become an operational or maintenance problem, improvements may be planned.

2. Lift Station Facilities

   The sewer lift station LOS relates to pump capacity and operation:

   - Pumps must have a capacity to pump at least 100% of peak hour flow rate while maintaining a standby pump.
   - The lift stations (excluding temporary ones) must have flow metering, backup power, variable frequency drive (VFD) motors if beneficial, and SCADA.

3. Treatment

   The LOS for treatment is for each component of the Water Reclamation Facility to have capacity to provide at least 100% of peak day or average day flow, as applicable.

4. Storage

   The LOS for storage is to maintain sufficient storage capacity to store Type 1 water discharged from the Water Reclamation Facility until it can be pumped into the City's pressure irrigation system. The storage facilities shall have capacity to provide at least 100% of the total demand during the

non-irrigation season. This could be accomplished through above-ground storage ponds or through infiltration for later reuse.

The 2023 Sanitary Sewer MP & CFP in Appendix B contains additional information regarding the sanitary sewer system LOS established for Santaquin City.

B. Service Areas

Utah Code requires the impact fee enactment to establish one or more service areas within which impact fees will be imposed. The impact fee related costs identified in this document will be assessed to a single service area encompassing the entire service area of the Santaquin sanitary sewer system.

III. EXISTING AND FUTURE SANITARY SEWER SYSTEM DEMANDS

The Sanitary Sewer MP & CFP contains a detailed description of existing and future demands on the sanitary sewer system. It illustrates the impact of future development on the system. See Appendix B for more information.

IV. EXISTING SYSTEM IMPROVEMENTS WITH RESERVE CAPACITY

Shown on the following pages are system facilities that have reserve capacity available to accommodate future growth, as well as the proportion of the facilities' capacity that is available for future growth. This existing capacity will gradually be consumed as development occurs.

A. Reserve Capacity of Collection/Transmission System

We evaluated the capacity of all collection and transmission system pipelines with modeled flow that were deemed to be a system improvement according to the definition in the 2023 Sanitary Sewer MP & CFP and the Impact Fee Act. Most of these pipelines are at or over 8 inches in diameter. The process of determining reserve capacity in the collection/transmission system improvements, along with their estimated impact-fee-eligible costs, is as follows for each existing pipe segment that is a system improvement:

1. Identify the existing (2022), 2032, and buildout demand.

2. Calculate additional demand used between 2022 and 2032.
3. Identify the maximum demand. The maximum demand is typically the buildout demand; however, in some pipes, the maximum demand occurs in 2032. Most of the pipes still have capacity beyond the maximum demand, but we only count that portion of capacity that will actually get consumed for reserve capacity calculations. When the maximum demand in a pipe segment exceeds the pipe's full capacity, which indicates a need to upsize the pipe, the maximum demand for the existing pipe is taken as the pipe's full capacity.
4. Calculate the percentage of pipe capacity that will be used between 2022 and 2032 (result of Step 2 divided by the result of Step 3).
5. Calculate the estimated impact-fee-eligible cost for each pipe segment by multiplying the estimated project cost by the percentage of pipe capacity used between 2022 and 2032.

For the purposes of the 2023 Sanitary Sewer MP, CFP, & IFFP, buildout demands are estimated to occur in the year 2060. The master plan identifies 4,745 ERUs in 2022, 8,208 ERUs in 2032, and 19,691 ERUs at buildout. We therefore anticipate that 14,946 ERUs will be added between 2022 and buildout. We also anticipate that these ERUs of future growth will consume the portions of existing transmission/ distribution system pipe capacity over the next 38 years.

See Table C - 1 in Appendix C for a detailed tabulation of 2022, 2032, and buildout demand, reserve capacity, capacity to be consumed by 2032, historical costs, as well as impact fee eligible costs for each pipe with modeled flow. Table C - 2 in Appendix C contains similar data for pipes without modeled flow and assumes that the demand flows match adjacent pipes with modeled flow.

B. Reserve Capacity of the Water Reclamation Facility

The capacity, reserve capacity, and capacity to be consumed by 2032 by the WRF is summarized below in Table 1. These numbers are based on the 2023 Sanitary Sewer Master Plan and Capital Facilities Plan.

Table 1. WRF Reserve Capacity Summary

Description	Capacity (ERUs)	Existing (2022) ERUs	Additional ERUs 2022 to 2032	% Capacity Consumed 2022 to 2032[1]	% of Original Construction Cost[2]	Estimated Impact-Fee-Eligible Cost[3]
Original WRF Construction						
Center Street Lift Station Upgrades (new pumps and parallel force mains)	4,524	4,745	3,463	No Remaining Capacity	3%	$ -
Site Work, Yard Piping, Utilities	7,420	4,745	3,463	36%	6%	$ 170,226
Headworks Building (including screens, building, and electrical)	8,920	4,745	3,463	39%	7%	$ 213,874
BNR Process with 1 Train Down for Maintenance (including blowers, electrical, etc.)	3,710	4,745	3,463	No Remaining Capacity	20%	$ -
Membrane Process with 1 Train Down for Maintenance (including membranes, blowers, permeate pumps, electrical, etc.)	4,014	4,745	3,463	No Remaining Capacity	12%	$ -
Treatment Building	7,420	4,745	3,463	36%	32%	$ 907,873
Dewatering Building	9,913	4,745	3,463	35%	3%	$ 82,476
Screw Press and Electrical	3,400	4,745	3,463	No Remaining Capacity	3%	$ -
Reclaimed Water Pump Station Pumps and Electrical	4,104	4,745	3,463	No Remaining Capacity	2%	$ -
Reclaimed Water Pump Station Building	7,420	4,745	3,463	36%	2%	$ 56,742
Offsite Piping (influent and reclaimed water piping)	6,051	4,745	3,463	22%	10%	$ 169,837
2019 WRF Phase 2 Upgrades						
Screw Press Expansion	9,913	4,745	3,463	53%	30%	$ 248,571
Membrane Expansion	5,352	4,745	3,463	45%	70%	$ 494,862
				Total		**$ 2,344,461**

[1]If the Existing ERUs do not exceed the Capacity, the % Capacity Consumed 2022 to 2032 is calculated as the Additional ERUs 2022 to 2032 (or the remaining ERUs to reach capacity if they are less than the Additional ERUs 2022 to 2032) divided by the Capacity.

[2]Estimated percentage of the original construction cost by component.

[3]Estimated Impact-Fee-Eligible Cost is calculated as the total impact-fee-eligible cost multiplied by the % Capacity Consumed 2022 to 2032 and the % of Original Construction Cost.

Based on Table 1, there are some components of the WRF that have reserve capacity to accommodate future growth, and some components that have no remaining capacity.

Similar reserve capacity calculations are performed for other infrastructure with Historic Costs paid for by Santaquin City, and are located in Appendix D.

C. Historic Costs

We used actual historic costs where available. Where they were not available, we estimated the year of construction of the facility, estimated what it would cost to construct the facility in 2022 (using the same method used to estimate the cost of future system improvements), and calculated an approximate historic cost of construction based on the ratio of the Engineering News Record (ENR) construction cost index (see Table D - 11 in Appendix D) between the year of construction and 2022. The reserve capacity to be consumed by 2032 is coupled with the actual or estimated historic cost to determine the impact fee eligible cost.

The total historic costs for transmission/distribution lines with modeled flow that are eligible for impact fee collection is $601,356 (see Table C - 1 in Appendix C). Historical piping project costs are shown in Appendix D. There were about 33 miles of 6-inch and larger sanitary sewer mains that were not assigned modeled flows. Santaquin City paid for the installation of part of these pipes. We conservatively estimated their reserve capacity to be the same as the pipes with modeled flow that are located directly downstream. The total historic costs for the transmission/distribution lines without modeled flow that are eligible for impact fee collection is $472,652 (see Table C - 2 in Appendix C).

The total construction cost for the WRF was $18,380,688. The City's portion was $7,869,642.80 for the WRF, plus an additional $815,045 for the associated piping (see Table D - 2 in Appendix D). While some components of the WRF have reserve capacity to accommodate future growth, others have no remaining capacity (see Table 1). The impact fee eligible cost for the original portion of the WRF is $1,601,028. The associated piping cost that is impact fee eligible is captured as part of the total for the transmission/distribution lines without modeled flow that is shown above.

The historical cost paid by Santaquin City for the 126 MG Winter Storage Pond #2 was $1,247,683. Based on calculations shown in Table D - 5 in Appendix D, the impact fee eligible amount is 29.4% of the $1,247,683, or $367,121 (see Table D - 5).

The total construction cost for the public works facility was $2,530,000. The City spread the cost between sanitary sewer, pressure irrigation, culinary water, and administration at 25% each. Thus, sanitary sewer was responsible for $632,500. Based on calculations shown in Table D - 7 in Appendix D, the impact fee eligible amount is 23.17% of the $632,500, or $146,539 (see Table D - 7).

Table D - 9 in Appendix D summarizes other City Projects that were paid for by others. Table D - 10 in Appendix D calculates the percent of Projects S-01 and S-02 in Table 3 that will be used by 2032 for impact fee calculation purposes.

In addition to historic costs, Santaquin also paid for the master plan and capital facilities plan, portions of which were necessary for completing the impact fee facilities plan; the impact fee facilities plan; and the impact fee analysis. These costs totaled about $73,050 and are impact fee eligible (see Table D - 12 in Appendix D).

Table 2. Summary of Historic Project Costs and Engineering Costs Related to Planning that are Eligible for Impact Fee Collection

	Impact Fee Eligible Cost	
Transmission/Distribution Lines with Modeled Flow	$	601,356
Transmission/Distribution Lines without Modeled Flow	$	472,652
Wastewater Reclamation Facility	$	2,344,461
Winter Storage Pond #2	$	367,121
Public Works Building	$	146,539
MP/CFP, IFFP, IFA	$	73,050
Total	$	4,005,180

V. FUTURE PROJECTS TO ACCOMMODATE GROWTH

The 2023 Sanitary Sewer MP & CFP identifies which projects will be needed to accommodate future growth and determines at what point they will be needed. Given the growth rate contained in the master plan, it also calculates what year (or range of years, for later projects) Santaquin expects the projects to be needed.

Projects expected to be needed by 2032 to accommodate growth are listed in Table 3.

Table 3. Sanitary Sewer Projects Needed to Accommodate Future Growth

Project No.	Project Description	Estimated Total Cost (Rounded)[1]	Point at Which Project is Estimated to be Needed[2]		Land Developer (Project Improvements)	City Funds (Existing Deficiencies)	Impact Fees (System Improvements)	% Capacity Consumed by 2032	Current Impact-Fee-Eligible Cost
			ERUs	Year					
Collection Projects									
C-01	Install 18" Sewer Main Along Strawberry Canal Road from 400 East to 100 East	$ 634,200	6,079	2027	$ 339,450	$ -	$ 294,750	38%	$ 110,683
C-02	Install 10" & 15" Pipe along 400 East from 530 North to Strawberry Canal Road and Remove Pipe on 530 North	$ 843,900	6,079	2027	$ 608,220	$ -	$ 235,680	44%	$ 103,799
C-03[3]	Install 8" Sewer Main from west to 14400 South (county) and Summit Ridge Pkwy	$ 1,720,500	6,079	2027	$ 1,720,500	$ -	$ -	31%	$ -
C-04	Install 8" Sewer Main along Center Street from 100 South to Manhole at 70 South	$ 50,000	7,294	2030	$ -	$ -	$ 50,000	39%	$ 19,417
C-05	Install 10" Sewer Main Parallel to Existing 18" Sewer Main along Railroad Tracks East of Storage Ponds from 14000 South (county) to Highway 6 - Flows from 14000 South (county) will be Diverted to the Parallel 10" Sewer Main	$ 586,500	9,913	2037	$ -	$ -	$ 586,500		
C-06	Install 8" Sewer Main along Strawberry Canal Road from 4800 West (county) to 400 East	$ 813,800	9,913	2037	$ 813,800	$ -	$ -		
C-07	Install 8" Sewer Main Along 350 West from 680 North to 700 North	$ 50,000	12,808	2044	$ -	$ -	$ 50,000		
C-08	Install 15" Sewer Main Along Railroad Tracks East of Summit Ridge from Vista Ridge Drive to Topaz Drive (excluding under railroad tracks)	$ 464,400	13,277	2045	$ -	$ -	$ 464,400		
C-09	Install 4" Force Main with Sewer Lift Station on 4800 West (county) and 12400 South (county)	$ 1,819,500	13,277	2045	$ -	$ -	$ 1,819,500		
C-10[4]	Install 8" Sewer Main from SR-198 and 4400 West (county) to 12400 South and 4800 West (county)	$ 2,127,800	13,277	2045	$ 2,127,800	$ -	$ -		
C-11	Install 24" Sewer Main on Center Street to Lift Station	$ 47,100	13,761	2046	$ -	$ -	$ 47,100		
C-12[4]	Install 8" Sewer Main Along 4800 West from 12800 South to 12400 South	$ 697,500	13,761	2046	$ 697,500	$ -	$ -		
C-13[4]	Install 8" Sewer Main on Strawberry Canal Road from 6250 West to Center Street Lift Station	$ 1,288,100	13,761	2046	$ 1,288,100	$ -	$ -		
C-14	Install 8" Sewer Main along 100 West from 100 South to Manhole at 70 South, and add Manhole at Intersection of 100 West 100 South	$ 48,900	14,778	2048	$ -	$ -	$ 48,900		
C-15	Install 4" Force Main with Sewer Lift Station Northwest of Storage Ponds near Highway 6	$ 1,257,200	14,778	2048	$ -	$ -	$ 1,257,200		
C-16[4]	Install 8" Sewer Main West of Storage Ponds to Highway 6 Lift Station (Project 15)	$ 819,600	14,778	2048	$ 819,600	$ -	$ -		
C-17	Install 8" Sewer Main along 400 East from 200 South to 140 South	$ 72,100	15,862	2050	$ -	$ -	$ 72,100		
C-18	Install 8" Sewer Main North of 400 North and East of 400 East for Development	$ 1,371,800	15,862	2050	$ 1,371,800	$ -	$ -		
C-19[3]	Install 4" Force Main with Sewer Lift Station south of Genola near Highway 6	$ 2,005,000	17,681	2055	$ 2,005,000	$ -	$ -		
C-20	Install 8" Sewer Main along Center Street from 550 South to Manhole at 520 South	$ 27,900	19,273	2059	$ -	$ -	$ 27,900		
	Subtotal	**$ 16,745,800**			**$ 11,791,770**	**$ -**	**$ 4,954,030**		**$ 233,900**

Table 3. Sanitary Sewer Projects Needed to Accommodate Future Growth (cont'd)

Project No.	Project Name	Estimated Total Cost (Rounded)[1]	ERUs Served[5]	Anticipated Construction Year	ERUs Added by Project	Land Developer (Project Improvements)	City Funds (Existing Deficiencies)	Previously Collected Impact Fees (System Improvements)	Impact Fees (System Improvements)	% Capacity Consumed by 2032	Current Impact-Fee-Eligible Cost
Treatment Projects											
T-01[6]	Upgrade Permeat Pumps	$ 75,000	2,909	2023/2024	4,082	$ -	$ -	$ 33,731	$ 41,269	55%	$ 22,709
T-02[6]	Process Train #3 and New Biosolids Holding Tank- Convert Train 3 to BNR Process and Replace Solids Holding Tank and Pumps	$ 4,221,000	3,710	2023/2024	7,420	$ -	$ -	$ 588,692	$ 3,632,308	47%	$ 1,695,117
T-03[6]	Reclaimed Water System Add 4th Pump	$ 245,000	4,104	2023/2024	4,500	$ -	$ -	$ 34,891	$ 210,109	77%	$ 161,679
T-04[6]	Outfit Membrane Tank 5 and Flow Channel	$ 2,463,000	4,014	2023/2024	5,352	$ -	$ -	$ 336,338	$ 2,126,662	65%	$ 1,375,952
T-05[6]	Center Street Lift Station & FM- Add Third Pump and Add Parallel Force Main	$ 1,589,000	4,524	2023/2024	7,922	$ -	$ -	$ 44,291	$ 1,544,709	44%	$ 675,200
T-06[7]	Add Conveyors and Loadout Facility for Biosolids	$ 600,000	--	2023/2024	7,169	$ -	$ -	$ -	$ 600,000	46%	$ 276,988
T-07	Convert Backpulse Tank and Outfit Membrane Train 6	$ 2,496,000	5,352	2025	6,690	$ -	$ -	$ -	$ 2,496,000	43%	$ 1,065,406
T-08	Reclaimed Water System Add Parallel FM	$ 2,581,000	6,051	2027	12,102	$ -	$ -	$ -	$ 2,581,000	18%	$ 459,969
T-09[8]	UV System Upgrades- Populate First Channel	$ 479,000	3,750	2027	7,500	$ -	$ -	$ 63,527	$ 415,473	46%	$ 191,824
T-10[7]	Add Grit Removal System	$ 2,025,000	--	2027	8,182	$ -	$ -	$ -	$ 2,025,000	26%	$ 526,733
T-11	New 1.5 MGD AADF WRF	$ 37,500,000	7,420	2031	8,314	$ -	$ -	$ -	$ 37,500,000	9%	$ 3,552,426
T-12	Upsize Headworks Drum Screens	$ 2,570,000	8,920	2035	8,360	$ -	$ -	$ -	$ 2,570,000		
T-13	Biosolids - when both screw presses are running 40 hrs/wk, expand building and add a 3rd screw press or a belt filter press for more capacity.	$ 3,526,000	9,913	2037	8,446	$ -	$ -	$ -	$ 3,526,000		
T-14	UV System Upgrades- Populate Second Channel	$ 1,220,000	15,004	2049	15,004	$ -	$ -	$ -	$ 1,220,000		
	Subtotal	**$ 61,590,000**				**$ -**	**$ -**	**$ 1,101,470**	**$ 60,488,530**		**$10,004,003**
Storage Projects											
S-01	Winter Storage Pond- Convert Existing Treatment Lagoons	$ 3,675,000	5,993	2027	1,212	$ -	$ -		$ 3,675,000	100%	$ 3,675,000
S-02	Winter Storage Pond- New Winter Storage Near Existing	$ 31,633,000	7,205	2030	8,314	$ -	$ -		$ 31,633,000	12%	$ 3,813,193
	Subtotal	**$ 35,308,000**				**$ -**	**$ -**		**$ 35,308,000**		**$ 7,488,193**
	Total	**$113,643,800**				**$ 11,791,770**	**$ -**	**$ 1,101,470**	**$ 100,750,560**		**$17,726,096**

[1]Costs are in 2022 dollars

[2]Project ERUs and years are estimates only. Actual timing will vary based on development.

[3]Project considered to be a project improvement as it serves land owned by a single property owner.

[4]Project anticipated to be completed by a developer. However, project also serves as a system improvement and could be paid for using impact fees if it is needed before the adjacent land develops.

[5]ERUs served prior to planned project.

[6]The City has been collecting impact fees to address the project need and has been monitoring existing demands and future needs to determine how much additional capacity will be needed as part of the improvement.

[7]Project need is due to growth, but there is not a specific number of ERUs that will trigger the project. Project will be completed when the City determines it is needed.

[8]Current UV disinfection system is working well and appears to have sufficient capacity despite having exceeded the ERUs. See Ultraviolet Light Disinfection in Appendix G.

For this IFFP, we have chosen the commonly accepted period of 10 years, which is supported by the following reasoning. Current legislation requires that collected impact fees be spent within six years. Impact fees, which are calculated in an IFA based on the IFFP, will be collected until the IFFP is updated, which should happen no less frequently than every five years. Therefore, impact fees based on this IFFP may be collected four years after its adoption. Those fees would need to be spent within six years thereafter, which would be 10 years from the date of IFFP adoption. Thus, projects as far as 10 years into the future are included in this IFFP.

VI. SUMMARY OF COSTS ELIGIBLE FOR IMPACT FEE CALCULATION

Table 4 provides a summary of the costs that are eligible for impact fee calculation.

Table 4. Summary of Costs Eligible for Impact Fee Calculation

Description	Current Impact-Fee-Eligible Cost
Existing System Reserve Capacity	$ 4,005,180
Future System Improvements	$ 17,726,096
Total	**$ 21,731,276**

VII. FUNDING FUTURE PROJECTS

A. Consideration of Funding Sources

Section 302 (2) of the Impact Fee Act requires the City to "generally consider all revenue sources to finance the impacts on system improvements." Such revenue sources include impact fees and anticipated or accepted dedications of system improvements. By considering all revenue sources, the City ensures fair and equitable treatment among users and concludes whether impact fees are the most appropriate method to fund the growth.

The Sanitary Sewer MP & CFP considered multiple revenue sources, including impact fees and anticipated dedication of system improvements. It establishes that impact fees are necessary to achieve an equitable allocation to the costs borne in the past and to be borne in the future, in comparison to the benefits already received and yet to be received.

B. Impact Fee Credit

The Impact Fee Act allows a "…credit against impact fees for any dedication of land for, improvement to, or new construction of, any system improvements provided by the developer if the facilities: (a) are system improvements; or (b)(i) are dedicated to the public; and (b)(ii) offset the need for an identified system improvement." The improvements do not necessarily need to be made in the proposed development. This plan does not contemplate a credit owed, and any credits given in the future would be negotiated between the developer and the City on a case-by-case basis as they arise.

APPENDIX A – UTAH IMPACT FEE ACT

Chapter 36a
Impact Fees Act

Part 1
General Provisions

11-36a-101 Title.

This chapter is known as the "Impact Fees Act."

Enacted by Chapter 47, 2011 General Session

11-36a-102 Definitions.

As used in this chapter:

(1)

(a) "Affected entity" means each county, municipality, local district under Title 17B, Limited Purpose Local Government Entities - Local Districts, special service district under Title 17D, Chapter 1, Special Service District Act, school district, interlocal cooperation entity established under Chapter 13, Interlocal Cooperation Act, and specified public utility:

(i) whose services or facilities are likely to require expansion or significant modification because of the facilities proposed in the proposed impact fee facilities plan; or

(ii) that has filed with the local political subdivision or private entity a copy of the general or long-range plan of the county, municipality, local district, special service district, school district, interlocal cooperation entity, or specified public utility.

(b) "Affected entity" does not include the local political subdivision or private entity that is required under Section 11-36a-501 to provide notice.

(2) "Charter school" includes:

(a) an operating charter school;

(b) an applicant for a charter school whose application has been approved by a charter school authorizer as provided in Title 53G, Chapter 5, Part 6, Charter School Credit Enhancement Program; and

(c) an entity that is working on behalf of a charter school or approved charter applicant to develop or construct a charter school building.

(3) "Development activity" means any construction or expansion of a building, structure, or use, any change in use of a building or structure, or any changes in the use of land that creates additional demand and need for public facilities.

(4) "Development approval" means:

(a) except as provided in Subsection (4)(b), any written authorization from a local political subdivision that authorizes the commencement of development activity;

(b) development activity, for a public entity that may develop without written authorization from a local political subdivision;

(c) a written authorization from a public water supplier, as defined in Section 73-1-4, or a private water company:

(i) to reserve or provide:

(A) a water right;

(B) a system capacity; or

(C) a distribution facility; or

(ii) to deliver for a development activity:

(A) culinary water; or
(B) irrigation water; or
(d) a written authorization from a sanitary sewer authority, as defined in Section 10-9a-103:
(i) to reserve or provide:
(A) sewer collection capacity; or
(B) treatment capacity; or
(ii) to provide sewer service for a development activity.
(5) "Enactment" means:
(a) a municipal ordinance, for a municipality;
(b) a county ordinance, for a county; and
(c) a governing board resolution, for a local district, special service district, or private entity.
(6) "Encumber" means:
(a) a pledge to retire a debt; or
(b) an allocation to a current purchase order or contract.
(7) "Expense for overhead" means a cost that a local political subdivision or private entity:
(a) incurs in connection with:
(i) developing an impact fee facilities plan;
(ii) developing an impact fee analysis; or
(iii) imposing an impact fee, including any related overhead expenses; and
(b) calculates in accordance with a methodology that is consistent with generally accepted cost accounting practices.
(8) "Hookup fee" means a fee for the installation and inspection of any pipe, line, meter, or appurtenance to connect to a gas, water, sewer, storm water, power, or other utility system of a municipality, county, local district, special service district, or private entity.
(9)
(a) "Impact fee" means a payment of money imposed upon new development activity as a condition of development approval to mitigate the impact of the new development on public infrastructure.
(b) "Impact fee" does not mean a tax, a special assessment, a building permit fee, a hookup fee, a fee for project improvements, or other reasonable permit or application fee.
(10) "Impact fee analysis" means the written analysis of each impact fee required by Section 11-36a-303.
(11) "Impact fee facilities plan" means the plan required by Section 11-36a-301.
(12) "Level of service" means the defined performance standard or unit of demand for each capital component of a public facility within a service area.
(13)
(a) "Local political subdivision" means a county, a municipality, a local district under Title 17B, Limited Purpose Local Government Entities - Local Districts, a special service district under Title 17D, Chapter 1, Special Service District Act, or the Point of the Mountain State Land Authority, created in Section 11-59-201.
(b) "Local political subdivision" does not mean a school district, whose impact fee activity is governed by Section 11-36a-206.
(14) "Private entity" means an entity in private ownership with at least 100 individual shareholders, customers, or connections, that is located in a first, second, third, or fourth class county and provides water to an applicant for development approval who is required to obtain water from the private entity either as a:
(a) specific condition of development approval by a local political subdivision acting pursuant to a prior agreement, whether written or unwritten, with the private entity; or

(b) functional condition of development approval because the private entity:
(i) has no reasonably equivalent competition in the immediate market; and
(ii) is the only realistic source of water for the applicant's development.
(15)
(a) "Project improvements" means site improvements and facilities that are:
(i) planned and designed to provide service for development resulting from a development activity;
(ii) necessary for the use and convenience of the occupants or users of development resulting from a development activity; and
(iii) not identified or reimbursed as a system improvement.
(b) "Project improvements" does not mean system improvements.
(16) "Proportionate share" means the cost of public facility improvements that are roughly proportionate and reasonably related to the service demands and needs of any development activity.
(17) "Public facilities" means only the following impact fee facilities that have a life expectancy of 10 or more years and are owned or operated by or on behalf of a local political subdivision or private entity:
(a) water rights and water supply, treatment, storage, and distribution facilities;
(b) wastewater collection and treatment facilities;
(c) storm water, drainage, and flood control facilities;
(d) municipal power facilities;
(e) roadway facilities;
(f) parks, recreation facilities, open space, and trails;
(g) public safety facilities;
(h) environmental mitigation as provided in Section 11-36a-205; or
(i) municipal natural gas facilities.
(18)
(a) "Public safety facility" means:
(i) a building constructed or leased to house police, fire, or other public safety entities; or
(ii) a fire suppression vehicle costing in excess of $500,000.
(b) "Public safety facility" does not mean a jail, prison, or other place of involuntary incarceration.
(19)
(a) "Roadway facilities" means a street or road that has been designated on an officially adopted subdivision plat, roadway plan, or general plan of a political subdivision, together with all necessary appurtenances.
(b) "Roadway facilities" includes associated improvements to a federal or state roadway only when the associated improvements:
(i) are necessitated by the new development; and
(ii) are not funded by the state or federal government.
(c) "Roadway facilities" does not mean federal or state roadways.
(20)
(a) "Service area" means a geographic area designated by an entity that imposes an impact fee on the basis of sound planning or engineering principles in which a public facility, or a defined set of public facilities, provides service within the area.
(b) "Service area" may include the entire local political subdivision or an entire area served by a private entity.
(21) "Specified public agency" means:
(a) the state;

(b) a school district; or
(c) a charter school.
(22)
(a) "System improvements" means:
(i) existing public facilities that are:
(A) identified in the impact fee analysis under Section 11-36a-304; and
(B) designed to provide services to service areas within the community at large; and
(ii) future public facilities identified in the impact fee analysis under Section 11-36a-304 that are intended to provide services to service areas within the community at large.
(b) "System improvements" does not mean project improvements.

Amended by Chapter 237, 2022 General Session

Part 2
Impact Fees

11-36a-201 Impact fees.
(1) A local political subdivision or private entity shall ensure that any imposed impact fees comply with the requirements of this chapter.
(2) A local political subdivision and private entity may establish impact fees only for those public facilities defined in Section 11-36a-102.
(3) Nothing in this chapter may be construed to repeal or otherwise eliminate an impact fee in effect on the effective date of this chapter that is pledged as a source of revenues to pay bonded indebtedness that was incurred before the effective date of this chapter.

Enacted by Chapter 47, 2011 General Session

11-36a-202 Prohibitions on impact fees.
(1) A local political subdivision or private entity may not:
(a) impose an impact fee to:
(i) cure deficiencies in a public facility serving existing development;
(ii) raise the established level of service of a public facility serving existing development; or
(iii) recoup more than the local political subdivision's or private entity's costs actually incurred for excess capacity in an existing system improvement;
(b) delay the construction of a school or charter school because of a dispute with the school or charter school over impact fees; or
(c) impose or charge any other fees as a condition of development approval unless those fees are a reasonable charge for the service provided.
(2)
(a) Notwithstanding any other provision of this chapter, a political subdivision or private entity may not impose an impact fee:
(i) on residential components of development to pay for a public safety facility that is a fire suppression vehicle;
(ii) on a school district or charter school for a park, recreation facility, open space, or trail;
(iii) on a school district or charter school unless:

(A) the development resulting from the school district's or charter school's development activity directly results in a need for additional system improvements for which the impact fee is imposed; and
(B) the impact fee is calculated to cover only the school district's or charter school's proportionate share of the cost of those additional system improvements;
(iv) to the extent that the impact fee includes a component for a law enforcement facility, on development activity for:
(A) the Utah National Guard;
(B) the Utah Highway Patrol; or
(C) a state institution of higher education that has its own police force;
(v) on development activity on the state fair park, as defined in Section 63H-6-102; or
(vi) on development activity that consists of the construction of an internal accessory dwelling unit, as defined in Section 10-9a-530, within an existing primary dwelling.
(b)
(i) Notwithstanding any other provision of this chapter, a political subdivision or private entity may not impose an impact fee on development activity that consists of the construction of a school, whether by a school district or a charter school, if:
(A) the school is intended to replace another school, whether on the same or a different parcel;
(B) the new school creates no greater demand or need for public facilities than the school or school facilities, including any portable or modular classrooms that are on the site of the replaced school at the time that the new school is proposed; and
(C) the new school and the school being replaced are both within the boundary of the local political subdivision or the jurisdiction of the private entity.
(ii) If the imposition of an impact fee on a new school is not prohibited under Subsection (2)(b)(i) because the new school creates a greater demand or need for public facilities than the school being replaced, the impact fee shall be based only on the demand or need that the new school creates for public facilities that exceeds the demand or need that the school being replaced creates for those public facilities.
(c) Notwithstanding any other provision of this chapter, a political subdivision or private entity may impose an impact fee for a road facility on the state only if and to the extent that:
(i) the state's development causes an impact on the road facility; and
(ii) the portion of the road facility related to an impact fee is not funded by the state or by the federal government.
(3) Notwithstanding any other provision of this chapter, a local political subdivision may impose and collect impact fees on behalf of a school district if authorized by Section 11-36a-206.

Amended by Chapter 406, 2022 General Session

11-36a-203 Private entity assessment of impact fees -- Charges for water rights, physical infrastructure -- Notice -- Audit.

(1) A private entity:
(a) shall comply with the requirements of this chapter before imposing an impact fee; and
(b) except as otherwise specified in this chapter, is subject to the same requirements of this chapter as a local political subdivision.
(2) A private entity may only impose a charge for water rights or physical infrastructure necessary to provide water or sewer facilities by imposing an impact fee.

(3) Where notice and hearing requirements are specified, a private entity shall comply with the notice and hearing requirements for local districts.
(4) A private entity that assesses an impact fee under this chapter is subject to the audit requirements of Title 51, Chapter 2a, Accounting Reports from Political Subdivisions, Interlocal Organizations, and Other Local Entities Act.

Enacted by Chapter 47, 2011 General Session

11-36a-204 Other names for impact fees.
(1) A fee that meets the definition of impact fee under Section 11-36a-102 is an impact fee subject to this chapter, regardless of what term the local political subdivision or private entity uses to refer to the fee.
(2) A local political subdivision or private entity may not avoid application of this chapter to a fee that meets the definition of an impact fee under Section 11-36a-102 by referring to the fee by another name.

Enacted by Chapter 47, 2011 General Session

11-36a-205 Environmental mitigation impact fees.
Notwithstanding the requirements and prohibitions of this chapter, a local political subdivision may impose and assess an impact fee for environmental mitigation when:
(1) the local political subdivision has formally agreed to fund a Habitat Conservation Plan to resolve conflicts with the Endangered Species Act of 1973, 16 U.S.C. Sec. 1531, et seq. or other state or federal environmental law or regulation;
(2) the impact fee bears a reasonable relationship to the environmental mitigation required by the Habitat Conservation Plan; and
(3) the legislative body of the local political subdivision adopts an ordinance or resolution:
  (a) declaring that an impact fee is required to finance the Habitat Conservation Plan;
  (b) establishing periodic sunset dates for the impact fee; and
  (c) requiring the legislative body to:
    (i) review the impact fee on those sunset dates;
    (ii) determine whether or not the impact fee is still required to finance the Habitat Conservation Plan; and
    (iii) affirmatively reauthorize the impact fee if the legislative body finds that the impact fee must remain in effect.

Enacted by Chapter 47, 2011 General Session

11-36a-206 Prohibition of school impact fees.
(1) As used in this section, "school impact fee" means a charge on new development in order to generate revenue for funding or recouping the costs of capital improvements for schools or school facility expansions necessitated by and attributable to the new development.
(2) Beginning March 21, 1995, there is a moratorium prohibiting a county, city, town, local school board, or any other political subdivision from imposing or collecting a school impact fee unless hereafter authorized by the Legislature by statute.
(3) Collection of any fees authorized before March 21, 1995, by any ordinance, resolution or rule of any county, city, town, local school board, or other political subdivision shall terminate on May 1, 1996, unless hereafter authorized by the Legislature by statute.

Renumbered and Amended by Chapter 3, 2018 General Session

Part 3
Establishing an Impact Fee

11-36a-301 Impact fee facilities plan.

(1) Before imposing an impact fee, each local political subdivision or private entity shall, except as provided in Subsection (3), prepare an impact fee facilities plan to determine the public facilities required to serve development resulting from new development activity.

(2) A municipality or county need not prepare a separate impact fee facilities plan if the general plan required by Section 10-9a-401 or 17-27a-401, respectively, contains the elements required by Section 11-36a-302.

(3) A local political subdivision or a private entity with a population, or serving a population, of less than 5,000 as of the last federal census that charges impact fees of less than $250,000 annually need not comply with the impact fee facilities plan requirements of this part, but shall ensure that:

(a) the impact fees that the local political subdivision or private entity imposes are based upon a reasonable plan that otherwise complies with the common law and this chapter; and

(b) each applicable notice required by this chapter is given.

Amended by Chapter 200, 2013 General Session

11-36a-302 Impact fee facilities plan requirements -- Limitations -- School district or charter school.

(1)

(a) An impact fee facilities plan shall:

(i) identify the existing level of service;

(ii) subject to Subsection (1)(c), establish a proposed level of service;

(iii) identify any excess capacity to accommodate future growth at the proposed level of service;

(iv) identify demands placed upon existing public facilities by new development activity at the proposed level of service; and

(v) identify the means by which the political subdivision or private entity will meet those growth demands.

(b) A proposed level of service may diminish or equal the existing level of service.

(c) A proposed level of service may:

(i) exceed the existing level of service if, independent of the use of impact fees, the political subdivision or private entity provides, implements, and maintains the means to increase the existing level of service for existing demand within six years of the date on which new growth is charged for the proposed level of service; or

(ii) establish a new public facility if, independent of the use of impact fees, the political subdivision or private entity provides, implements, and maintains the means to increase the existing level of service for existing demand within six years of the date on which new growth is charged for the proposed level of service.

(2) In preparing an impact fee facilities plan, each local political subdivision shall generally consider all revenue sources to finance the impacts on system improvements, including:

(a) grants;
(b) bonds;
(c) interfund loans;
(d) impact fees; and
(e) anticipated or accepted dedications of system improvements.

(3) A local political subdivision or private entity may only impose impact fees on development activities when the local political subdivision's or private entity's plan for financing system improvements establishes that impact fees are necessary to maintain a proposed level of service that complies with Subsection (1)(b) or (c).

(4)
(a) Subject to Subsection (4)(c), the impact fee facilities plan shall include a public facility for which an impact fee may be charged or required for a school district or charter school if the local political subdivision is aware of the planned location of the school district facility or charter school:
(i) through the planning process; or
(ii) after receiving a written request from a school district or charter school that the public facility be included in the impact fee facilities plan.
(b) If necessary, a local political subdivision or private entity shall amend the impact fee facilities plan to reflect a public facility described in Subsection (4)(a).
(c)
(i) In accordance with Subsections 10-9a-305(3) and 17-27a-305(3), a local political subdivision may not require a school district or charter school to participate in the cost of any roadway or sidewalk.
(ii) Notwithstanding Subsection (4)(c)(i), if a school district or charter school agrees to build a roadway or sidewalk, the roadway or sidewalk shall be included in the impact fee facilities plan if the local jurisdiction has an impact fee facilities plan for roads and sidewalks.

Amended by Chapter 200, 2013 General Session

11-36a-303 Impact fee analysis.

(1) Subject to the notice requirements of Section 11-36a-504, each local political subdivision or private entity intending to impose an impact fee shall prepare a written analysis of each impact fee.

(2) Each local political subdivision or private entity that prepares an impact fee analysis under Subsection (1) shall also prepare a summary of the impact fee analysis designed to be understood by a lay person.

Enacted by Chapter 47, 2011 General Session

11-36a-304 Impact fee analysis requirements.

(1) An impact fee analysis shall:
(a) identify the anticipated impact on or consumption of any existing capacity of a public facility by the anticipated development activity;
(b) identify the anticipated impact on system improvements required by the anticipated development activity to maintain the established level of service for each public facility;
(c) subject to Subsection (2), demonstrate how the anticipated impacts described in Subsections (1)(a) and (b) are reasonably related to the anticipated development activity;
(d) estimate the proportionate share of:

(i) the costs for existing capacity that will be recouped; and
(ii) the costs of impacts on system improvements that are reasonably related to the new development activity; and
(e) based on the requirements of this chapter, identify how the impact fee was calculated.
(2) In analyzing whether or not the proportionate share of the costs of public facilities are reasonably related to the new development activity, the local political subdivision or private entity, as the case may be, shall identify, if applicable:
(a) the cost of each existing public facility that has excess capacity to serve the anticipated development resulting from the new development activity;
(b) the cost of system improvements for each public facility;
(c) other than impact fees, the manner of financing for each public facility, such as user charges, special assessments, bonded indebtedness, general taxes, or federal grants;
(d) the relative extent to which development activity will contribute to financing the excess capacity of and system improvements for each existing public facility, by such means as user charges, special assessments, or payment from the proceeds of general taxes;
(e) the relative extent to which development activity will contribute to the cost of existing public facilities and system improvements in the future;
(f) the extent to which the development activity is entitled to a credit against impact fees because the development activity will dedicate system improvements or public facilities that will offset the demand for system improvements, inside or outside the proposed development;
(g) extraordinary costs, if any, in servicing the newly developed properties; and
(h) the time-price differential inherent in fair comparisons of amounts paid at different times.

Enacted by Chapter 47, 2011 General Session

11-36a-305 Calculating impact fees.
(1) In calculating an impact fee, a local political subdivision or private entity may include:
(a) the construction contract price;
(b) the cost of acquiring land, improvements, materials, and fixtures;
(c) for services provided for and directly related to the construction of the system improvements, the cost for planning and surveying, and engineering fees;
(d) for a political subdivision, debt service charges, if the political subdivision might use impact fees as a revenue stream to pay the principal and interest on bonds, notes, or other obligations issued to finance the costs of the system improvements; and
(e) one or more expenses for overhead.
(2) In calculating an impact fee, each local political subdivision or private entity shall base amounts calculated under Subsection (1) on realistic estimates, and the assumptions underlying those estimates shall be disclosed in the impact fee analysis.

Amended by Chapter 35, 2021 General Session

11-36a-306 Certification of impact fee analysis.
(1) An impact fee facilities plan shall include a written certification from the person or entity that prepares the impact fee facilities plan that states the following:
"I certify that the attached impact fee facilities plan:
1. includes only the costs of public facilities that are:
a. allowed under the Impact Fees Act; and
b. actually incurred; or

c. projected to be incurred or encumbered within six years after the day on which each impact fee is paid;

2. does not include:

a. costs of operation and maintenance of public facilities; or

b. costs for qualifying public facilities that will raise the level of service for the facilities, through impact fees, above the level of service that is supported by existing residents; and

3. complies in each and every relevant respect with the Impact Fees Act."

(2) An impact fee analysis shall include a written certification from the person or entity that prepares the impact fee analysis which states as follows:

"I certify that the attached impact fee analysis:

1. includes only the costs of public facilities that are:

a. allowed under the Impact Fees Act; and

b. actually incurred; or

c. projected to be incurred or encumbered within six years after the day on which each impact fee is paid;

2. does not include:

a. costs of operation and maintenance of public facilities; or

b. costs for qualifying public facilities that will raise the level of service for the facilities, through impact fees, above the level of service that is supported by existing residents;

3. offsets costs with grants or other alternate sources of payment; and

4. complies in each and every relevant respect with the Impact Fees Act."

Amended by Chapter 35, 2021 General Session

Part 4
Enactment of Impact Fees

11-36a-401 Impact fee enactment.

(1)

(a) A local political subdivision or private entity wishing to impose impact fees shall pass an impact fee enactment in accordance with Section 11-36a-402.

(b) An impact fee imposed by an impact fee enactment may not exceed the highest fee justified by the impact fee analysis.

(2) An impact fee enactment may not take effect until 90 days after the day on which the impact fee enactment is approved.

Enacted by Chapter 47, 2011 General Session

11-36a-402 Required provisions of impact fee enactment.

(1) A local political subdivision or private entity shall ensure, in addition to the requirements described in Subsections (2) and (3), that an impact fee enactment contains:

(a) a provision establishing one or more service areas within which the local political subdivision or private entity calculates and imposes impact fees for various land use categories;

(b)

(i) a schedule of impact fees for each type of development activity that specifies the amount of the impact fee to be imposed for each type of system improvement; or

(ii) the formula that the local political subdivision or private entity, as the case may be, will use to calculate each impact fee;

(c) a provision authorizing the local political subdivision or private entity, as the case may be, to adjust the standard impact fee at the time the fee is charged to:

(i) respond to:

(A) unusual circumstances in specific cases; or

(B) a request for a prompt and individualized impact fee review for the development activity of the state, a school district, or a charter school and an offset or credit for a public facility for which an impact fee has been or will be collected; and

(ii) ensure that the impact fees are imposed fairly; and

(d) a provision governing calculation of the amount of the impact fee to be imposed on a particular development that permits adjustment of the amount of the impact fee based upon studies and data submitted by the developer.

(2) A local political subdivision or private entity shall ensure that an impact fee enactment allows a developer, including a school district or a charter school, to receive a credit against or proportionate reimbursement of an impact fee if the developer:

(a) dedicates land for a system improvement;

(b) builds and dedicates some or all of a system improvement; or

(c) dedicates a public facility that the local political subdivision or private entity and the developer agree will reduce the need for a system improvement.

(3) A local political subdivision or private entity shall include a provision in an impact fee enactment that requires a credit against impact fees for any dedication of land for, improvement to, or new construction of, any system improvements provided by the developer if the facilities:

(a) are system improvements; or

(b)

(i) are dedicated to the public; and

(ii) offset the need for an identified system improvement.

Enacted by Chapter 47, 2011 General Session

11-36a-403 Other provisions of impact fee enactment.

(1) A local political subdivision or private entity may include a provision in an impact fee enactment that:

(a) provides an impact fee exemption for:

(i) development activity attributable to:

(A) low income housing;

(B) the state;

(C) subject to Subsection (2), a school district; or

(D) subject to Subsection (2), a charter school; or

(ii) other development activity with a broad public purpose; and

(b) except for an exemption under Subsection (1)(a)(i)(A), establishes one or more sources of funds other than impact fees to pay for that development activity.

(2) An impact fee enactment that provides an impact fee exemption for development activity attributable to a school district or charter school shall allow either a school district or a charter school to qualify for the exemption on the same basis.

(3) An impact fee enactment that repeals or suspends the collection of impact fees is exempt from the notice requirements of Section 11-36a-504.

Enacted by Chapter 47, 2011 General Session

Part 5
Notice

11-36a-501 Notice of intent to prepare an impact fee facilities plan.

(1) Before preparing or amending an impact fee facilities plan, a local political subdivision or private entity shall provide written notice of its intent to prepare or amend an impact fee facilities plan.

(2) A notice required under Subsection (1) shall:

(a) indicate that the local political subdivision or private entity intends to prepare or amend an impact fee facilities plan;

(b) describe or provide a map of the geographic area where the proposed impact fee facilities will be located; and

(c) subject to Subsection (3), be posted on the Utah Public Notice Website created under Section 63A-16-601.

(3) For a private entity required to post notice on the Utah Public Notice Website under Subsection (2)(c):

(a) the private entity shall give notice to the general purpose local government in which the private entity's private business office is located; and

(b) the general purpose local government described in Subsection (3)(a) shall post the notice on the Utah Public Notice Website.

Amended by Chapter 84, 2021 General Session
Amended by Chapter 344, 2021 General Session

11-36a-502 Notice to adopt or amend an impact fee facilities plan.

(1) If a local political subdivision chooses to prepare an independent impact fee facilities plan rather than include an impact fee facilities element in the general plan in accordance with Section 11-36a-301, the local political subdivision shall, before adopting or amending the impact fee facilities plan:

(a) give public notice, in accordance with Subsection (2), of the plan or amendment at least 10 days before the day on which the public hearing described in Subsection (1)(d) is scheduled;

(b) make a copy of the plan or amendment, together with a summary designed to be understood by a lay person, available to the public;

(c) place a copy of the plan or amendment and summary in each public library within the local political subdivision; and

(d) hold a public hearing to hear public comment on the plan or amendment.

(2) With respect to the public notice required under Subsection (1)(a):

(a) each municipality shall comply with the notice and hearing requirements of, and, except as provided in Subsection 11-36a-701(3)(b)(ii), receive the protections of Sections 10-9a-205 and 10-9a-801 and Subsection 10-9a-502(2);

(b) each county shall comply with the notice and hearing requirements of, and, except as provided in Subsection 11-36a-701(3)(b)(ii), receive the protections of Sections 17-27a-205 and 17-27a-801 and Subsection 17-27a-502(2); and

(c) each local district, special service district, and private entity shall comply with the notice and hearing requirements of, and receive the protections of, Section 17B-1-111.

(3) Nothing contained in this section or Section 11-36a-503 may be construed to require involvement by a planning commission in the impact fee facilities planning process.

Enacted by Chapter 47, 2011 General Session

11-36a-503 Notice of preparation of an impact fee analysis.

(1) Before preparing or contracting to prepare an impact fee analysis, each local political subdivision or, subject to Subsection (2), private entity shall post a public notice on the Utah Public Notice Website created under Section 63A-16-601.

(2) For a private entity required to post notice on the Utah Public Notice Website under Subsection (1):

(a) the private entity shall give notice to the general purpose local government in which the private entity's primary business is located; and

(b) the general purpose local government described in Subsection (2)(a) shall post the notice on the Utah Public Notice Website.

Amended by Chapter 84, 2021 General Session
Amended by Chapter 345, 2021 General Session

11-36a-504 Notice of intent to adopt impact fee enactment -- Hearing -- Protections.

(1) Before adopting an impact fee enactment:

(a) a municipality legislative body shall:

(i) comply with the notice requirements of Section 10-9a-205 as if the impact fee enactment were a land use regulation;

(ii) hold a hearing in accordance with Section 10-9a-502 as if the impact fee enactment were a land use regulation; and

(iii) except as provided in Subsection 11-36a-701(3)(b)(ii), receive the protections of Section 10-9a-801 as if the impact fee were a land use regulation;

(b) a county legislative body shall:

(i) comply with the notice requirements of Section 17-27a-205 as if the impact fee enactment were a land use regulation;

(ii) hold a hearing in accordance with Section 17-27a-502 as if the impact fee enactment were a land use regulation; and

(iii) except as provided in Subsection 11-36a-701(3)(b)(ii), receive the protections of Section 17-27a-801 as if the impact fee were a land use regulation;

(c) a local district or special service district shall:

(i) comply with the notice and hearing requirements of Section 17B-1-111; and

(ii) receive the protections of Section 17B-1-111;

(d) a local political subdivision shall at least 10 days before the day on which a public hearing is scheduled in accordance with this section:

(i) make a copy of the impact fee enactment available to the public; and

(ii) post notice of the local political subdivision's intent to enact or modify the impact fee, specifying the type of impact fee being enacted or modified, on the Utah Public Notice Website created under Section 63A-16-601; and

(e) a local political subdivision shall submit a copy of the impact fee analysis and a copy of the summary of the impact fee analysis prepared in accordance with Section 11-36a-303 on its website or to each public library within the local political subdivision.

(2) Subsection (1)(a) or (b) may not be construed to require involvement by a planning commission in the impact fee enactment process.

Amended by Chapter 84, 2021 General Session
Amended by Chapter 345, 2021 General Session

Part 6
Impact Fee Proceeds

11-36a-601 Accounting of impact fees.

A local political subdivision that collects an impact fee shall:
(1) establish a separate interest bearing ledger account for each type of public facility for which an impact fee is collected;
(2) deposit a receipt for an impact fee in the appropriate ledger account established under Subsection (1);
(3) retain the interest earned on each fund or ledger account in the fund or ledger account;
(4) at the end of each fiscal year, prepare a report that:
  (a) for each fund or ledger account, shows:
    (i) the source and amount of all money collected, earned, and received by the fund or ledger account during the fiscal year; and
    (ii) each expenditure from the fund or ledger account;
  (b) accounts for all impact fee funds that the local political subdivision has on hand at the end of the fiscal year;
  (c) identifies the impact fee funds described in Subsection (4)(b) by:
    (i) the year in which the impact fee funds were received;
    (ii) the project from which the impact fee funds were collected;
    (iii) the project for which the impact fee funds are budgeted; and
    (iv) the projected schedule for expenditure; and
  (d) is:
    (i) in a format developed by the state auditor;
    (ii) certified by the local political subdivision's chief financial officer; and
    (iii) transmitted to the state auditor within 180 days after the day on which the fiscal year ends.

Amended by Chapter 394, 2017 General Session

11-36a-602 Expenditure of impact fees.

(1) A local political subdivision may expend impact fees only for a system improvement:
  (a) identified in the impact fee facilities plan; and
  (b) for the specific public facility type for which the fee was collected.
(2)
  (a) Except as provided in Subsection (2)(b), a local political subdivision shall expend or encumber an impact fee collected with respect to a lot:
    (i) for a permissible use; and
    (ii) within six years after the impact fee with respect to that lot is collected.
  (b) A local political subdivision may hold the fees for longer than six years if it identifies, in writing:

(i) an extraordinary and compelling reason why the fees should be held longer than six years; and
(ii) an absolute date by which the fees will be expended.

Amended by Chapter 190, 2017 General Session

11-36a-603 Refunds.

(1) A local political subdivision shall refund any impact fee paid by a developer, plus interest earned, when:
(a) the developer does not proceed with the development activity and has filed a written request for a refund;
(b) the fee has not been spent or encumbered; and
(c) no impact has resulted.

(2)
(a) As used in this Subsection (2):
(i) "Affected lot" means the lot or parcel with respect to which a local political subdivision collected an impact fee that is subject to a refund under this Subsection (2).
(ii) "Claimant" means:
(A) the original owner;
(B) the person who paid an impact fee; or
(C) another person who, under Subsection (2)(d), submits a timely notice of the person's valid legal claim to an impact fee refund.
(iii) "Original owner" means the record owner of an affected lot at the time the local political subdivision collected the impact fee.
(iv) "Unclaimed refund" means an impact fee that:
(A) is subject to refund under this Subsection (2); and
(B) the local political subdivision has not refunded after application of Subsections (2)(b) and (c).
(b) If an impact fee is not spent or encumbered in accordance with Section 11-36a-602, the local political subdivision shall, subject to Subsection (2)(c):
(i) refund the impact fee to:
(A) the original owner, if the original owner is the sole claimant; or
(B) to the claimants, as the claimants agree, if there are multiple claimants; or
(ii) interplead the impact fee refund to a court of competent jurisdiction for a determination of the entitlement to the refund, if there are multiple claimants who fail to agree on how the refund should be paid to the claimants.
(c) If the original owner's last known address is no longer valid at the time a local political subdivision attempts under Subsection (2)(b) to refund an impact fee to the original owner, the local political subdivision shall:
(i) post a notice on the local political subdivision's website, stating the local political subdivision's intent to refund the impact fee and identifying the original owner;
(ii) maintain the notice on the website for a period of one year; and
(iii) disqualify the original owner as a claimant unless the original owner submits a written request for the refund within one year after the first posting of the notice under Subsection (2)(c)(i).
(d)

(i) In order to be considered as a claimant for an impact fee refund under this Subsection (2), a person, other than the original owner, shall submit a written notice of the person's valid legal claim to the impact fee refund.
(ii) A notice under Subsection (2)(d)(i) shall:
(A) explain the person's valid legal claim to the refund; and
(B) be submitted to the local political subdivision no later than 30 days after expiration of the time specified in Subsection 11-36a-602(2) for the impact fee that is the subject of the refund.
(e) A local political subdivision:
(i) may retain an unclaimed refund; and
(ii) shall expend any unclaimed refund on capital facilities identified in the current capital facilities plan for the type of public facility for which the impact fee was collected.

Amended by Chapter 215, 2018 General Session

Part 7
Challenges

11-36a-701 Impact fee challenge.
(1) A person or an entity residing in or owning property within a service area, or an organization, association, or a corporation representing the interests of persons or entities owning property within a service area, has standing to file a declaratory judgment action challenging the validity of an impact fee.
(2)
(a) A person or an entity required to pay an impact fee who believes the impact fee does not meet the requirements of law may file a written request for information with the local political subdivision who established the impact fee.
(b) Within two weeks after the receipt of the request for information under Subsection (2)(a), the local political subdivision shall provide the person or entity with the impact fee analysis, the impact fee facilities plan, and any other relevant information relating to the impact fee.
(3)
(a) Subject to the time limitations described in Section 11-36a-702 and procedures set forth in Section 11-36a-703, a person or an entity that has paid an impact fee that a local political subdivision imposed may challenge:
(i) if the impact fee enactment was adopted on or after July 1, 2000:
(A) subject to Subsection (3)(b)(i) and except as provided in Subsection (3)(b)(ii), whether the local political subdivision complied with the notice requirements of this chapter with respect to the imposition of the impact fee; and
(B) whether the local political subdivision complied with other procedural requirements of this chapter for imposing the impact fee; and
(ii) except as limited by Subsection (3)(c), the impact fee.
(b)
(i) The sole remedy for a challenge under Subsection (3)(a)(i)(A) is the equitable remedy of requiring the local political subdivision to correct the defective notice and repeat the process.

(ii) The protections given to a municipality under Section 10-9a-801 and to a county under Section 17-27a-801 do not apply in a challenge under Subsection (3)(a)(i)(A).

(c) The sole remedy for a challenge under Subsection (3)(a)(ii) is a refund of the difference between what the person or entity paid as an impact fee and the amount the impact fee should have been if it had been correctly calculated.

(4)

(a) Subject to Subsection (4)(d), if an impact fee that is the subject of an advisory opinion under Section 13-43-205 is listed as a cause of action in litigation, and that cause of action is litigated on the same facts and circumstances and is resolved consistent with the advisory opinion:

(i) the substantially prevailing party on that cause of action:

(A) may collect reasonable attorney fees and court costs pertaining to the development of that cause of action from the date of the delivery of the advisory opinion to the date of the court's resolution; and

(B) shall be refunded an impact fee held to be in violation of this chapter, based on the difference between the impact fee paid and what the impact fee should have been if the local political subdivision had correctly calculated the impact fee; and

(ii) in accordance with Section 13-43-206, a local political subdivision shall refund an impact fee held to be in violation of this chapter to the person who was in record title of the property on the day on which the impact fee for the property was paid if:

(A) the impact fee was paid on or after the day on which the advisory opinion on the impact fee was issued but before the day on which the final court ruling on the impact fee is issued; and

(B) the person described in Subsection (3)(a)(ii) requests the impact fee refund from the local political subdivision within 30 days after the day on which the court issued the final ruling on the impact fee.

(b) A local political subdivision subject to Subsection (3)(a)(ii) shall refund the impact fee based on the difference between the impact fee paid and what the impact fee should have been if the local political subdivision had correctly calculated the impact fee.

(c) This Subsection (4) may not be construed to create a new cause of action under land use law.

(d) Subsection (4)(a) does not apply unless the cause of action described in Subsection (4)(a) is resolved and final.

(5) Subject to the time limitations described in Section 11-36a-702 and procedures described in Section 11-36a-703, a claimant, as defined in Section 11-36a-603, may challenge whether a local political subdivision spent or encumbered an impact fee in accordance with Section 11-36a-602.

Amended by Chapter 215, 2018 General Session

11-36a-702 Time limitations.

(1) A person or an entity that initiates a challenge under Subsection 11-36a-701(3)(a) may not initiate that challenge unless it is initiated within:

(a) for a challenge under Subsection 11-36a-701(3)(a)(i)(A), 30 days after the day on which the person or entity pays the impact fee;

(b) for a challenge under Subsection 11-36a-701(3)(a)(i)(B), 180 days after the day on which the person or entity pays the impact fee;

(c) for a challenge under Subsection 11-36a-701(5):

(i) if the local political subdivision has spent or encumbered the impact fee, one year after the expiration of the time specified in Subsection 11-36a-602(2); or
(ii) if the local political subdivision has not yet spent or encumbered the impact fee, two years after the expiration of the time specified in Subsection 11-36a-602(2); or
(d) for a challenge under Subsection 11-36a-701(3)(a)(ii), one year after the day on which the person or entity pays the impact fee.
(2) The deadline to file an action in district court is tolled from the date that a challenge is filed using an administrative appeals procedure described in Section 11-36a-703 until 30 days after the day on which a final decision is rendered in the administrative appeals procedure.

Amended by Chapter 215, 2018 General Session

11-36a-703 Procedures for challenging an impact fee.
(1)
(a) A local political subdivision may establish, by ordinance or resolution, or a private entity may establish by prior written policy, an administrative appeals procedure to consider and decide a challenge to an impact fee.
(b) If the local political subdivision or private entity establishes an administrative appeals procedure, the local political subdivision shall ensure that the procedure includes a requirement that the local political subdivision make its decision no later than 30 days after the day on which the challenge to the impact fee is filed.
(2) A challenge under Subsection 11-36a-701(3)(a) is initiated by filing:
(a) if the local political subdivision or private entity has established an administrative appeals procedure under Subsection (1), the necessary document, under the administrative appeals procedure, for initiating the administrative appeal;
(b) a request for arbitration as provided in Section 11-36a-705; or
(c) an action in district court.
(3) The sole remedy for a successful challenge under Subsection 11-36a-701(1), which determines that an impact fee process was invalid, or an impact fee is in excess of the fee allowed under this act, is a declaration that, until the local political subdivision or private entity enacts a new impact fee study, from the date of the decision forward, the entity may charge an impact fee only as the court has determined would have been appropriate if it had been properly enacted.
(4) Subsections (2), (3), 11-36a-701(3), and 11-36a-702(1) may not be construed as requiring a person or an entity to exhaust administrative remedies with the local political subdivision before filing an action in district court under Subsections (2), (3), 11-36a-701(3), and 11-36a-702(1).
(5) The judge may award reasonable attorney fees and costs to the prevailing party in an action brought under this section.
(6) This chapter may not be construed as restricting or limiting any rights to challenge impact fees that were paid before the effective date of this chapter.

Amended by Chapter 200, 2013 General Session

11-36a-704 Mediation.
(1) In addition to the methods of challenging an impact fee under Section 11-36a-701, a specified public agency may require a local political subdivision or private entity to participate in mediation of any applicable impact fee.
(2) To require mediation, the specified public agency shall submit a written request for mediation to the local political subdivision or private entity.

(3) The specified public agency may submit a request for mediation under this section at any time, but no later than 30 days after the day on which an impact fee is paid.
(4) Upon the submission of a request for mediation under this section, the local political subdivision or private entity shall:
(a) cooperate with the specified public agency to select a mediator; and
(b) participate in the mediation process.

Enacted by Chapter 47, 2011 General Session

11-36a-705 Arbitration.
(1) A person or entity intending to challenge an impact fee under Section 11-36a-703 shall file a written request for arbitration with the local political subdivision within the time limitation described in Section 11-36a-702 for the applicable type of challenge.
(2) If a person or an entity files a written request for arbitration under Subsection (1), an arbitrator or arbitration panel shall be selected as follows:
(a) the local political subdivision and the person or entity filing the request may agree on a single arbitrator within 10 days after the day on which the request for arbitration is filed; or
(b) if a single arbitrator is not agreed to in accordance with Subsection (2)(a), an arbitration panel shall be created with the following members:
(i) each party shall select an arbitrator within 20 days after the date the request is filed; and
(ii) the arbitrators selected under Subsection (2)(b)(i) shall select a third arbitrator.
(3) The arbitration panel shall hold a hearing on the challenge no later than 30 days after the day on which:
(a) the single arbitrator is agreed on under Subsection (2)(a); or
(b) the two arbitrators are selected under Subsection (2)(b)(i).
(4) The arbitrator or arbitration panel shall issue a decision in writing no later than 10 days after the day on which the hearing described in Subsection (3) is completed.
(5) Except as provided in this section, each arbitration shall be governed by Title 78B, Chapter 11, Utah Uniform Arbitration Act.
(6) The parties may agree to:
(a) binding arbitration;
(b) formal, nonbinding arbitration; or
(c) informal, nonbinding arbitration.
(7) If the parties agree in writing to binding arbitration:
(a) the arbitration shall be binding;
(b) the decision of the arbitration panel shall be final;
(c) neither party may appeal the decision of the arbitration panel; and
(d) notwithstanding Subsection (10), the person or entity challenging the impact fee may not also challenge the impact fee under Subsection 11-36a-701(1) or Subsection 11-36a-703(2)(a) or (2)(c).
(8)
(a) Except as provided in Subsection (8)(b), if the parties agree to formal, nonbinding arbitration, the arbitration shall be governed by the provisions of Title 63G, Chapter 4, Administrative Procedures Act.
(b) For purposes of applying Title 63G, Chapter 4, Administrative Procedures Act, to a formal, nonbinding arbitration under this section, notwithstanding Section 63G-4-502, "agency" means a local political subdivision.
(9)

(a) An appeal from a decision in an informal, nonbinding arbitration may be filed with the district court in which the local political subdivision is located.
(b) An appeal under Subsection (9)(a) shall be filed within 30 days after the day on which the arbitration panel issues a decision under Subsection (4).
(c) The district court shall consider de novo each appeal filed under this Subsection (9).
(d) Notwithstanding Subsection (10), a person or entity that files an appeal under this Subsection (9) may not also challenge the impact fee under Subsection 11-36a-701(1) or Subsection 11-36a-703(2)(a) or (2)(c).

(10)
(a) Except as provided in Subsections (7)(d) and (9)(d), this section may not be construed to prohibit a person or entity from challenging an impact fee as provided in Subsection 11-36a-701(1) or Subsection 11-36a-703(2)(a) or (2)(c).
(b) The filing of a written request for arbitration within the required time in accordance with Subsection (1) tolls all time limitations under Section 11-36a-702 until the day on which the arbitration panel issues a decision.

(11) The person or entity filing a request for arbitration and the local political subdivision shall equally share all costs of an arbitration proceeding under this section.

Enacted by Chapter 47, 2011 General Session

APPENDIX B – SANITARY SEWER
MASTER PLAN & CAPITAL FACILITIES PLAN

The 2023 Santaquin City Sanitary Sewer Master Plan and Capital Facilities Plan is incorporated herein by reference.

APPENDIX C – DETAILS OF PIPES WITH RESERVE CAPACITY

Table C - 1. Existing Sanitary Sewer Pipes Reserve Capacity Detail

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Paid for by or Installed as part of:	Demand (gpm)			Max Demand Ever Used[1]	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
CDT-277	8	396	Future or Developer	Developer	0	23	290	290	8%	No	$ -	$ -
CDT-279	8	411	Future or Developer	Developer	0	23	290	290	8%	No	$ -	$ -
CDT-281	8	397	Future or Developer	Developer	0	23	290	290	8%	No	$ -	$ -
CDT-283	8	427	Future or Developer	Developer	0	23	290	290	8%	No	$ -	$ -
CDT-285	8	125	Future or Developer	Developer	0	23	290	290	8%	No	$ -	$ -
CDT-287	8	270	Future or Developer	Developer	23	290	290	290	92%	No	$ -	$ -
CDT-289	8	390	Future or Developer	Developer	23	290	290	290	92%	No	$ -	$ -
CDT-295	8	252	Future or Developer	Developer	105	125	125	125	16%	No	$ -	$ -
CDT-297	8	189	Future or Developer	Developer	24	290	290	290	92%	No	$ -	$ -
CDT-343	8	274	Future or Developer	Developer	0	295	295	295	100%	No	$ -	$ -
CDT-345	8	1,093	Future or Developer	Developer	0	296	296	296	100%	No	$ -	$ -
CDT-347	8	158	Future or Developer	Developer	0	295	295	295	100%	No	$ -	$ -
CDT-349	8	295	Future or Developer	Developer	0	295	295	295	100%	No	$ -	$ -
CDT-77	8	385	1995	Original System	136	181	232	232	19%	Yes	$ 12,667	$ 2,463
CDT-81	8	385	After 1996	Developer/IF	22	24	24	24	6%	No	$ -	$ -
CDT-83	8	403	After 1996	Developer/IF	22	23	24	24	3%	No	$ -	$ -
CDT-85	8	401	After 1996	Developer/IF	50	101	101	101	50%	No	$ -	$ -
CDT-89	8	376	After 1996	Developer/IF	21	69	69	69	69%	No	$ -	$ -
CDT-91	8	382	After 1996	Developer/IF	20	69	69	69	71%	No	$ -	$ -
CDT-93	8	401	After 1996	Developer/IF	21	69	69	69	70%	No	$ -	$ -
CDT-95	8	409	After 1996	Developer/IF	21	69	69	69	69%	No	$ -	$ -
CDT-97	8	424	After 1996	Developer/IF	21	69	69	69	70%	No	$ -	$ -
N100	8	396	After 1996	Future or Developer	83	105	125	125	17%	No	$ -	$ -
N102	8	228	After 1996	Future or Developer	83	105	125	125	17%	No	$ -	$ -
N104	8	246	After 1996	Future or Developer	83	105	125	125	17%	No	$ -	$ -
N106	8	314	After 1996	Future or Developer	83	105	125	125	18%	No	$ -	$ -
N108	8	96	After 1996	Future or Developer	83	105	125	125	17%	No	$ -	$ -
N120	8	406	After 1996	Developer/IF	26	28	28	28	7%	No	$ -	$ -
N172	8	400	After 1996	Future or Developer	0	33	35	35	94%	No	$ -	$ -
N174	8	290	After 1996	Developer/IF	87	118	118	118	27%	No	$ -	$ -
N176	8	298	After 1996	Developer/IF	88	117	117	117	25%	No	$ -	$ -
N178	8	289	After 1996	Developer/IF	87	117	117	117	25%	No	$ -	$ -
N180	8	299	After 1996	Developer/IF	87	117	117	117	26%	No	$ -	$ -
N184	8	388	After 1996	Future or Developer	0	72	300	300	24%	No	$ -	$ -
N186	8	391	After 1996	Future or Developer	0	72	300	200	36%	No	$ -	$ -
N188	8	159	After 1996	Future or Developer	0	72	300	245	29%	No	$ -	$ -
N225	8	375	After 1996	Future or Developer	36	36	36	36	0%	No	$ -	$ -
N227	8	23	After 1996	Future or Developer	35	35	35	35	0%	No	$ -	$ -
N229	8	213	After 1996	Future or Developer	35	35	35	35	0%	No	$ -	$ -
N266	8	309	After 1996	Developer/IF	86	118	118	118	27%	No	$ -	$ -
N280	8	181	After 1996	Future or Developer	0	0	0	0	0%	No	$ -	$ -
N286	8	226	After 1996	Future or Developer	4	4	4	4	0%	No	$ -	$ -
N288	8	186	After 1996	Future or Developer	5	5	5	5	0%	No	$ -	$ -
N290	8	103	After 1996	Future or Developer	19	19	19	19	0%	No	$ -	$ -
N292	8	298	After 1996	Future or Developer	19	19	19	19	0%	No	$ -	$ -
N294	8	212	After 1996	Future or Developer	35	35	35	35	0%	No	$ -	$ -
N296	8	528	After 1996	Future or Developer	35	35	35	35	0%	No	$ -	$ -

Table C - 1. Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Paid for by or Installed as part of:	Demand (gpm)			Max Demand Ever Used[1]	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
N40	8	386	After 1996	Developer/IF	35.99	52	111	111	15%	No	$ -	$ -
N612	8	424	After 1996	Developer/IF	106	104	229	229	0%	No	$ -	$ -
N614	8	757	After 1996	Developer/IF	107	104	229	229	0%	No	$ -	$ -
N616	8	516	After 1996	Developer/IF	106	104	229	229	0%	No	$ -	$ -
N618	8	405	After 1996	Developer/IF	106	104	229	229	0%	No	$ -	$ -
N620	8	413	After 1996	Developer/IF	106	105	229	229	0%	No	$ -	$ -
N622	8	1,978	After 1996	Developer/IF	102	100	224	224	0%	No	$ -	$ -
N624	8	302	After 1996	Developer/IF	102	100	224	224	0%	No	$ -	$ -
N626	8	501	After 1996	Developer/IF	97	96	220	220	0%	No	$ -	$ -
N628	8	366	After 1996	Future or Developer	84	81	205	205	0%	No	$ -	$ -
N630	8	246	After 1996	Future or Developer	81	206	206	206	61%	No	$ -	$ -
N632	8	185	After 1996	Future or Developer	83	81	205	205	0%	No	$ -	$ -
N634	8	409	After 1996	Future or Developer	83	81	205	205	0%	No	$ -	$ -
N636	8	371	After 1996	Future or Developer	81	78	203	203	0%	No	$ -	$ -
N638	8	1,977	After 1996	Future or Developer	19	19	19	19	0%	No	$ -	$ -
N640	8	296	After 1996	Future or Developer	5	5	5	5	0%	No	$ -	$ -
N642	8	308	After 1996	Future or Developer	5	5	5	5	0%	No	$ -	$ -
N644	8	304	After 1996	Future or Developer	4	4	4	4	0%	No	$ -	$ -
N646	8	292	After 1996	Future or Developer	0	0	0	0	0%	No	$ -	$ -
N648	8	289	After 1996	Future or Developer	4	4	4	4	0%	No	$ -	$ -
N686	8	118	After 1996	Developer/IF	26	28	28	28	7%	No	$ -	$ -
N688	8	210	After 1996	Developer/IF	25	27	27	27	7%	No	$ -	$ -
N690	8	25	After 1996	Developer/IF	25	28	28	28	9%	No	$ -	$ -
N692	8	248	After 1996	Developer/IF	25	28	28	28	10%	No	$ -	$ -
N694	8	266	After 1996	Developer/IF	25	28	28	28	8%	No	$ -	$ -
UN19	8	191	1995	Original System	8	10	10	10	17%	Yes	$ 6,279	$ 1,046
XJ104	8	193	After 1996	Developer/IF	19	38	38	38	50%	No	$ -	$ -
XJ105	8	46	After 1996	Developer/IF	18	38	38	38	51%	No	$ -	$ -
XJ108	8	132	1995	Original System	51	144	144	144	65%	Yes	$ 4,351	$ 2,812
XJ109	8	296	1995	Original System	37	48	48	48	23%	Yes	$ 9,726	$ 2,244
XJ11	8	112	1995	Original System	145	191	242	242	19%	Yes	$ 3,667	$ 699
XJ111	8	301	1995	Original System	14	225	225	225	94%	Yes	$ 9,878	$ 9,263
XJ112	8	44	1995	Original System	125	293	293	293	57%	Yes	$ 1,446	$ 826
XJ114	8	293	1995	Original System	101	165	505	505	13%	Yes	$ 9,611	$ 1,222
XJ116	8	303	1995	Original System	29	44	44	44	35%	Yes	$ 9,940	$ 3,449
XJ121	8	82	1995	Original System	50	143	143	143	65%	Yes	$ 2,701	$ 1,755
XJ122	8	295	1995	Original System	37	47	47	47	23%	Yes	$ 9,677	$ 2,218
XJ130	8	366	1995	Original System	12	223	223	223	95%	Yes	$ 12,020	$ 11,369
XJ131	8	339	1995	Original System	126	292	292	292	57%	Yes	$ 11,135	$ 6,329
XJ133	8	297	1995	Original System	101	165	505	505	13%	Yes	$ 9,759	$ 1,247
XJ151	8	80	1995	Original System	50	144	144	144	65%	Yes	$ 2,624	$ 1,705
XJ152	8	176	1995	Original System	50	144	144	144	65%	Yes	$ 5,799	$ 3,785
XJ153	8	176	1995	Original System	24	32	32	32	26%	Yes	$ 5,793	$ 1,502
XJ156	8	250	1995	Original System	11	223	223	223	95%	Yes	$ 8,226	$ 7,809
XJ157	8	162	1995	Original System	123	288	288	288	57%	Yes	$ 5,324	$ 3,048
XJ158	8	275	1995	Original System	101	165	505	505	13%	Yes	$ 9,036	$ 1,145
XJ166	8	200	1995	Original System	51	144	144	144	65%	Yes	$ 6,562	$ 4,244
XJ167	8	233	1995	Original System	23	32	32	32	29%	Yes	$ 7,644	$ 2,219
XJ170	8	311	1995	Original System	9	221	221	221	96%	Yes	$ 10,202	$ 9,766
XJ175	8	195	1995	Original System	123	288	288	288	57%	Yes	$ 6,413	$ 3,669

Table C - 1. Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Paid for by or Installed as part of:	Demand (gpm)			Max Demand Ever Used[1]	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
XJ18	8	148	1995	Original System	127.4	173	222	222	21%	Yes	$ 4,878	$ 1,011
XJ186	8	342	1995	Original System	101	165	505	505	13%	Yes	$ 11,223	$ 1,413
XJ188	8	406	1995	Original System	12	43	43	43	72%	Yes	$ 13,341	$ 9,570
XJ189	8	210	1995	Original System	17	24	24	24	29%	Yes	$ 6,903	$ 2,013
XJ191	8	302	1995	Original System	9	220	220	220	96%	Yes	$ 9,924	$ 9,513
XJ192	8	299	1995	Original System	119	284	284	284	58%	Yes	$ 9,834	$ 5,696
XJ196	8	305	1995	Original System	97	124	463	463	6%	Yes	$ 10,006	$ 587
XJ198	8	236	1995	Original System	17	24	24	24	29%	Yes	$ 7,768	$ 2,219
XJ201	8	316	1995	Original System	9	221	221	221	96%	Yes	$ 10,371	$ 9,949
XJ202	8	399	1995	Original System	12	43	43	43	71%	Yes	$ 13,115	$ 9,277
XJ206	8	404	1995	Original System	12	43	43	43	72%	Yes	$ 13,283	$ 9,524
XJ207	8	361	1995	Original System	119	284	284	284	58%	Yes	$ 11,850	$ 6,865
XJ210	8	289	1995	Original System	98	125	462	462	6%	Yes	$ 9,496	$ 559
XJ22	8	353	1995	Original System	128	173	223	223	20%	Yes	$ 11,588	$ 2,345
XJ220	8	12	1995	Original System	86	112	437	437	6%	Yes	$ 396	$ 24
XJ224	8	302	1995	Original System	12	43	43	43	72%	Yes	$ 9,908	$ 7,108
XJ228	8	311	1995	Original System	5	213	213	213	98%	Yes	$ 10,203	$ 9,976
XJ23	8	203	1995	Original System	118	163	211	211	21%	Yes	$ 6,664	$ 1,416
XJ230	8	276	1995	Original System	85	112	436	436	6%	Yes	$ 9,053	$ 551
XJ235	8	150	1995	Original System	116	276	276	276	58%	Yes	$ 4,939	$ 2,861
XJ24	8	413	1995	Original System	133	300	300	300	56%	Yes	$ 13,567	$ 7,563
XJ243	8	254	1995	Original System	85	112	436	436	6%	Yes	$ 8,347	$ 502
XJ244	8	451	1998	City Funds - Main Street	63	89	140	140	18%	Yes	$ 38,147	$ 7,045
XJ247	8	431	1998	City Funds - Main Street	63	89	140	140	19%	Yes	$ 36,483	$ 6,802
XJ248	8	402	1998	City Funds - Main Street	63	89	140	140	18%	Yes	$ 34,033	$ 6,173
XJ250	8	369	1998	City Funds - Main Street	63	89	140	140	19%	Yes	$ 31,228	$ 5,855
XJ255	8	87	1995	Original System	23	296	296	296	92%	Yes	$ 2,868	$ 2,646
XJ258	8	333	1995	Original System	0	0	206	206	0%	No	$ 10,930	$ -
XJ259	8	346	1995	Original System	334	307	340	340	0%	No	$ 11,370	$ -
XJ260	8	490	1995	Original System	335	306	340	340	0%	No	$ 16,105	$ -
XJ261	8	418	1995	Original System	334	307	341	341	0%	No	$ 13,739	$ -
XJ262	8	418	1995	Original System	335	315	432	432	0%	No	$ 13,727	$ -
XJ263	8	111	1995	Original System	334	306	340	340	0%	No	$ 3,644	$ -
XJ264	8	308	1995	Original System	321	288	273	321	0%	No	$ 10,134	$ -
XJ265	8	417	1995	Original System	335	315	432	432	0%	No	$ 13,708	$ -
XJ268	8	416	1995	Original System	318	285	261	318	0%	No	$ 13,682	$ -
XJ270	8	416	1995	Original System	318	285	261	318	0%	No	$ 13,682	$ -
XJ277	8	442	1995	Original System	117	276	276	276	58%	Yes	$ 14,510	$ 8,373
XJ280	8	110	After 1996	Developer/IF	60	82	82	82	27%	No	$ -	$ -
XJ281	8	401	After 1996	Developer/IF	59	82	82	82	27%	No	$ -	$ -
XJ282	8	364	1995	Original System	0	0	204	204	0%	No	$ 11,964	$ -
XJ283	8	94	1995	Original System	0	97	251	251	39%	Yes	$ 3,087	$ 1,189
XJ285	8	163	1995	Original System	0	0	272	272	0%	No	$ 5,356	$ -
XJ286	8	415	1995	Original System	18	67	67	67	72%	Yes	$ 13,621	$ 9,870
XJ289	8	135	1995	Original System	279	244	203	279	0%	No	$ 4,435	$ -
XJ298	8	403	1995	Original System	279	245	204	279	0%	No	$ 13,231	$ -
XJ299	8	302	1995	Original System	279	244	203	279	0%	No	$ 9,907	$ -
XJ30	8	149	1995	Original System	110	156	499	499	9%	Yes	$ 4,881	$ 445
XJ300	8	297	1995	Original System	251	216	169	251	0%	No	$ 9,747	$ -
XJ301	8	407	1995	Original System	251	216	170	251	0%	No	$ 13,370	$ -

Table C - 1. Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Paid for by or Installed as part of:	Demand (gpm)			Max Demand Ever Used[1]	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
XJ302	8	260	1995	Original System	154.2	79	Disconnected	407	0%	No	$ 8,553	$ -
XJ303	8	278	After 1996	Developer/IF	60	82	82	82	27%	No	$ -	$ -
XJ304	8	240	1995	Original System	154	79	203	203	0%	No	$ 7,886	$ -
XJ307	8	243	After 1996	Developer/IF	59	81	81	81	27%	No	$ -	$ -
XJ308	8	401	1995	Original System	89	128	158	158	25%	Yes	$ 13,177	$ 3,321
XJ31	8	270	1995	Original System	132	300	300	300	56%	Yes	$ 8,876	$ 4,965
XJ311	8	194	1995	Original System	0	0	272	272	0%	No	$ 6,382	$ -
XJ312	8	308	1995	Original System	149	171	449	449	5%	Yes	$ 10,121	$ 496
XJ319	8	314	1995	Original System	18	67	67	67	73%	Yes	$ 10,332	$ 7,569
XJ326	8	299	1995	Original System	88	128	158	158	25%	Yes	$ 9,826	$ 2,492
XJ327	8	267	1995	Original System	133	155	128	155	14%	Yes	$ 8,776	$ 1,232
XJ328	8	287	1995	Original System	149	171	449	449	5%	Yes	$ 9,439	$ 473
XJ332	8	295	1995	Original System	133	155	128	155	14%	Yes	$ 9,697	$ 1,351
XJ335	8	244	1995	Original System	129	150	122	150	14%	Yes	$ 8,013	$ 1,145
XJ336	8	354	1995	Original System	128	150	122	150	14%	Yes	$ 11,640	$ 1,675
XJ337	8	270	1995	Original System	124	145	117	145	15%	Yes	$ 8,876	$ 1,297
XJ338	8	296	1995	Original System	123	145	117	145	15%	Yes	$ 9,710	$ 1,434
XJ339	8	402	1995	Original System	115	135	106	135	15%	Yes	$ 13,197	$ 2,030
XJ340	8	483	1995	Original System	115	136	106	136	16%	Yes	$ 15,867	$ 2,477
XJ346	8	355	1995	Original System	17	67	67	67	74%	Yes	$ 11,664	$ 8,621
XJ349	8	297	1995	Original System	63	77	247	247	6%	Yes	$ 9,760	$ 576
XJ350	8	295	1995	Original System	114	136	377	377	6%	Yes	$ 9,694	$ 555
XJ353	8	287	1995	Original System	88	128	158	158	25%	Yes	$ 9,433	$ 2,389
XJ355	8	297	1995	Original System	16	321	321	321	95%	Yes	$ 9,744	$ 9,254
XJ359	8	297	1995	Original System	58	131	131	131	56%	Yes	$ 9,759	$ 5,449
XJ362	8	401	1995	Original System	88	128	158	158	25%	Yes	$ 13,160	$ 3,332
XJ371	8	206	1995	Original System	16	321	321	321	95%	Yes	$ 6,769	$ 6,436
XJ374	8	394	1995	Original System	18	67	67	67	73%	Yes	$ 12,941	$ 9,504
XJ380	8	304	1995	Original System	39	43	89	89	5%	Yes	$ 9,989	$ 454
XJ383	8	351	1995	Original System	15	41	41	41	63%	Yes	$ 11,533	$ 7,284
XJ387	8	393	1995	Original System	80	120	148	148	27%	Yes	$ 12,920	$ 3,482
XJ391	8	302	1995	Original System	0	0	300	300	0%	No	$ 9,908	$ -
XJ392	8	378	1995	Original System	17	60	60	60	71%	Yes	$ 12,434	$ 8,852
XJ393	8	374	1995	Original System	12	15	41	41	6%	Yes	$ 12,273	$ 702
XJ405	8	353	1995	Original System	14	41	41	41	65%	Yes	$ 11,599	$ 7,524
XJ412	8	306	1995	Original System	0	0	300	300	0%	No	$ 10,057	$ -
XJ417	8	380	1995	Original System	79	119	148	148	27%	Yes	$ 12,474	$ 3,376
XJ418	8	347	1995	Original System	17	60	60	60	71%	Yes	$ 11,386	$ 8,105
XJ424	8	344	1995	Original System	14	41	41	41	65%	Yes	$ 11,288	$ 7,290
XJ430	8	305	After 1996	Developer/IF	0	0	300	300	0%	No	$ -	$ -
XJ437	8	328	After 1996	Developer/IF	79	119	147	147	27%	No	$ -	$ -
XJ439	8	339	1995	Original System	17	61	61	61	72%	Yes	$ 11,125	$ 7,984
XJ44	8	184	1995	Original System	75	79	316	316	1%	Yes	$ 6,042	$ 63
XJ445	8	200	After 1996	Developer/IF	15	41	41	41	63%	No	$ -	$ -
XJ45	8	337	1995	Original System	110	156	499	499	9%	Yes	$ 11,073	$ 1,008
XJ452	8	307	After 1996	Developer/IF	0	0	300	300	0%	No	$ -	$ -
XJ454	8	350	After 1996	Developer/IF	15	41	41	41	64%	No	$ -	$ -
XJ455	8	366	After 1996	Developer/IF	68	108	135	135	30%	No	$ -	$ -
XJ456	8	278	After 1996	Developer/IF	68	108	135	135	30%	No	$ -	$ -
XJ457	8	402	After 1996	Developer/IF	80	119	148	148	27%	No	$ -	$ -

Table C - 1. Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Paid for by or Installed as part of:	Demand (gpm)			Max Demand Ever Used[1]	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
XJ46	8	217	1995	Original System	50.73	144	144	144	65%	Yes	$ 7,123	$ 4,610
XJ469	8	362	1995	Original System	67	108	434	434	9%	Yes	$ 11,891	$ 1,107
XJ47	8	267	1995	Original System	60	64	94	94	4%	Yes	$ 8,774	$ 351
XJ486	8	332	1995	Original System	68	108	434	434	9%	Yes	$ 10,919	$ 999
XJ49	8	64	1995	Original System	75	79	316	316	1%	Yes	$ 2,102	$ 25
XJ492	8	68	After 1996	Developer/IF	67	105	412	412	9%	No	$ -	$ -
XJ494	8	352	After 1996	Developer/IF	18	19	40	40	4%	No	$ -	$ -
XJ495	8	400	After 1996	Developer/IF	48	296	296	296	84%	No	$ -	$ -
XJ500	8	156	After 1996	Developer/IF	28	255	255	255	89%	No	$ -	$ -
XJ512	8	163	1995	Original System	67	106	412	412	9%	Yes	$ 5,359	$ 505
XJ513	8	16	1995	Original System	68	106	412	412	9%	Yes	$ 515	$ 47
XJ519	8	283	After 1996	Developer/IF	21	23	23	23	11%	No	$ -	$ -
XJ528	8	44	After 1996	Developer/IF	69	81	142	142	9%	No	$ -	$ -
XJ529	8	183	After 1996	Developer/IF	69	203	192	203	66%	No	$ -	$ -
XJ538	8	306	1995	Original System	0	0	300	300	0%	No	$ 10,047	$ -
XJ542	8	398	After 1996	Developer/IF	51	100	100	100	49%	No	$ -	$ -
XJ543	8	102	After 1996	Developer/IF	49	100	100	100	51%	No	$ -	$ -
XJ544	8	188	1995	Original System	24	65	163	163	25%	Yes	$ 6,180	$ 1,549
XJ545	8	400	After 1996	Developer/IF	5	6	6	6	14%	No	$ -	$ -
XJ552	8	177	1995	Original System	110	156	499	499	9%	Yes	$ 5,824	$ 529
XJ555	8	484	After 1996	Developer/IF	5	6	6	6	17%	No	$ -	$ -
XJ557	8	101	After 1996	Developer/IF	6	6	6	6	13%	No	$ -	$ -
XJ56	8	346	1995	Original System	133	300	300	300	56%	Yes	$ 11,372	$ 6,347
XJ561	8	60	1995	Original System	31	72	171	171	24%	Yes	$ 1,976	$ 473
XJ562	8	167	1995	Original System	75	79	316	316	1%	Yes	$ 5,489	$ 59
XJ565	8	158	1995	Original System	23	65	163	163	25%	Yes	$ 5,184	$ 1,308
XJ568	8	398	1995	Original System	75	79	316	316	1%	Yes	$ 13,084	$ 173
XJ57	8	263	1995	Original System	75	79	315	315	1%	Yes	$ 8,625	$ 111
XJ577	8	229	1995	Original System	8	10	10	10	13%	Yes	$ 7,521	$ 1,003
XJ58	8	320	1995	Original System	56	59	87	87	4%	Yes	$ 10,498	$ 371
XJ60	8	204	1995	Original System	50	144	144	144	65%	Yes	$ 6,710	$ 4,358
XJ606	8	328	1995	Original System	67	106	412	412	9%	Yes	$ 10,781	$ 1,006
XJ62	8	204	1995	Original System	51	143	143	143	65%	Yes	$ 6,712	$ 4,337
XJ622	8	307	After 1996	Developer/IF	0	65	78	78	83%	No	$ -	$ -
XJ623	8	310	After 1996	Developer/IF	0	78	225	225	35%	No	$ -	$ -
XJ624	8	310	After 1996	Developer/IF	0	77	225	225	34%	No	$ -	$ -
XJ625	8	311	After 1996	Developer/IF	0	77	225	225	34%	No	$ -	$ -
XJ626	8	293	After 1996	Developer/IF	0	76	224	224	34%	No	$ -	$ -
XJ627	8	301	After 1996	Developer/IF	0	77	225	225	34%	No	$ -	$ -
XJ64	8	295	1995	Original System	132	300	300	300	56%	Yes	$ 9,677	$ 5,414
XJ65	8	253	1995	Original System	75	78	316	316	1%	Yes	$ 8,298	$ 97
XJ655	8	400	After 1996	Developer/IF	26	27	27	27	5%	No	$ -	$ -
XJ66	8	185	1995	Original System	50	144	144	144	65%	Yes	$ 6,074	$ 3,956
XJ67	8	324	1995	Original System	56	59	87	87	4%	Yes	$ 10,630	$ 389
XJ686	8	285	After 1996	Developer/IF	85	117	230	230	14%	No	$ -	$ -
XJ687	8	208	After 1996	Developer/IF	85	117	229	229	14%	No	$ -	$ -
XJ7	8	338	1995	Original System	145	191	242	242	19%	Yes	$ 11,112	$ 2,085
XJ712	8	259	1995	Original System	136	181	232	232	19%	Yes	$ 8,495	$ 1,646
XJ713	8	331	1995	Original System	136	181	232	232	20%	Yes	$ 10,868	$ 2,130
XJ74	8	532	1995	Original System	50	144	144	144	65%	Yes	$ 17,495	$ 11,405
XJ75	8	132	After 1996	Developer/IF	19	37	37	37	48%	No	$ -	$ -
XJ750	8	62	After 1996	Developer/IF	14	41	41	41	65%	No	$ -	$ -

Table C - 1. Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Paid for by or Installed as part of:	Demand (gpm)			Max Demand Ever Used[1]	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
XJ751	8	447	After 1996	Developer/IF	14.91	42	42	42	64%	No	$ -	$ -
XJ80	8	358	1995	Original System	75	79	316	316	1%	Yes	$ 11,763	$ 135
XJ81	8	296	1995	Original System	34	36	260	260	1%	Yes	$ 9,715	$ 63
XJ82	8	296	1995	Original System	34	36	260	260	1%	Yes	$ 9,726	$ 62
XJ83	8	316	1995	Original System	14	225	225	225	94%	Yes	$ 10,371	$ 9,718
XJ84	8	306	1995	Original System	14	225	225	225	94%	Yes	$ 10,039	$ 9,410
XJ850	8	379	After 1996	Developer/IF	50	50	53	53	0%	No	$ -	$ -
XJ86	8	268	1995	Original System	34	132	300	300	33%	Yes	$ 8,806	$ 2,892
XJ869	8	202	After 1996	Developer/IF	20	40	40	40	50%	No	$ -	$ -
XJ91	8	323	1995	Original System	57	59	87	87	2%	Yes	$ 10,597	$ 252
XJ92	8	296	1995	Original System	29	30	43	43	3%	Yes	$ 9,727	$ 252
XJ95	8	72	1995	Original System	147	213	574	574	12%	Yes	$ 2,366	$ 272
XJ96	8	276	1995	Original System	37	38	55	55	2%	Yes	$ 9,065	$ 199
XJ97	8	281	1995	Original System	37	38	55	55	2%	Yes	$ 9,229	$ 196
CDT-261	10	399	Future or Developer	Developer	242	115	87	242	0%	No	$ -	$ -
CDT-59	10	389	After 1996	Developer/IF	8	303	303	303	98%	No	$ -	$ -
CDT-61	10	288	After 1996	Developer/IF	6	303	303	303	98%	No	$ -	$ -
CDT-63	10	216	After 1996	Developer/IF	367	366	444	444	0%	No	$ -	$ -
CDT-65	10	106	After 1996	Developer/IF	367	366	444	444	0%	No	$ -	$ -
CDT-67	10	334	After 1996	Developer/IF	366	366	444	444	0%	No	$ -	$ -
CDT-69	10	302	After 1996	Developer/IF	367	367	444	444	0%	No	$ -	$ -
CDT-71	10	173	1995	Original System	7	302	302	302	98%	Yes	$ 6,745	$ 6,592
CDT-73	10	38	After 1996	Developer/IF	7	302	302	302	98%	No	$ -	$ -
CDT-75	10	397	After 1996	Developer/IF	358	358	434	434	0%	No	$ -	$ -
N110	10	261	After 1996	Developer/IF	60	185	238	238	52%	No	$ -	$ -
N112	10	130	After 1996	Developer/IF	184	239	239	239	23%	No	$ -	$ -
N114	10	298	After 1996	Developer/IF	186	240	240	240	22%	No	$ -	$ -
N116	10	226	After 1996	Developer/IF	60	185	238	238	53%	No	$ -	$ -
N118	10	213	After 1996	Developer/IF	60	257	539	539	37%	No	$ -	$ -
N278	10	572	1995	Original System	334	232	243	334	0%	No	$ 22,354	$ -
N668	10	405	After 1996	Developer/IF	366	366	444	444	0%	No	$ -	$ -
N672	10	274	After 1996	Developer/IF	358	357	433	433	0%	No	$ -	$ -
N674	10	321	After 1996	Developer/IF	42	48	48	48	13%	No	$ -	$ -
N676	10	322	After 1996	Developer/IF	43	48	48	48	10%	No	$ -	$ -
N678	10	113	After 1996	Developer/IF	42	49	49	49	14%	No	$ -	$ -
N680	10	317	After 1996	Developer/IF	41	42	49	49	2%	No	$ -	$ -
N684	10	151	After 1996	Developer/IF	292	292	358	358	0%	No	$ -	$ -
N696	10	282	After 1996	Developer/IF	59	257	539	539	37%	No	$ -	$ -
N698	10	207	After 1996	Developer/IF	311	311	380	380	0%	No	$ -	$ -
N704	10	238	After 1996	Developer/IF	311	311	380	380	0%	No	$ -	$ -
N706	10	37	After 1996	Developer/IF	311	310	380	380	0%	No	$ -	$ -
N708	10	1,004	After 1996	Developer/IF	317	316	385	385	0%	No	$ -	$ -
XJ12	10	400	1995	Original System	371	367	558	558	0%	No	$ 15,648	$ -
XJ14	10	340	1995	Original System	307	202	211	307	0%	No	$ 13,294	$ -
XJ15	10	299	1995	Original System	331	228	239	331	0%	No	$ 11,689	$ -
XJ16	10	317	1995	Original System	334	231	243	334	0%	No	$ 12,377	$ -
XJ17	10	281	1995	Original System	371	367	557	557	0%	No	$ 10,988	$ -
XJ21	10	424	1995	Original System	307	202	211	307	0%	No	$ 16,582	$ -
XJ267	10	419	1995	Original System	335	315	432	432	0%	No	$ 16,360	$ -
XJ269	10	420	1995	Original System	335	315	432	432	0%	No	$ 16,398	$ -
XJ271	10	288	1995	Original System	335	318	Disconnected	1700	0%	No	$ 11,248	$ -
XJ32	10	233	1995	Original System	304	197	206	304	0%	No	$ 9,111	$ -
XJ33	10	228	1995	Original System	242	134	112	242	0%	No	$ 8,903	$ -
XJ34	10	299	1995	Original System	242	114	87	242	0%	No	$ 11,669	$ -
XJ52	10	290	1995	Original System	242	115	87	242	0%	No	$ 11,321	$ -

Table C - 1. Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Paid for by or Installed as part of:	Demand (gpm)			Max Demand Ever Used[1]	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
XJ53	10	329	1995	Original System	242.5	114	87	243	0%	No	$ 12,862	$ -
XJ541	10	398	1995	Original System	303	198	207	303	0%	No	$ 15,539	$ -
XJ6	10	195	After 1996	Developer/IF	7	302	302	302	98%	No	$ -	$ -
XJ61	10	322	1995	Original System	242	448	340	448	46%	Yes	$ 12,587	$ 5,786
XJ628	10	364	After 1996	Developer/IF	106	261	423	423	37%	No	$ -	$ -
XJ629	10	300	After 1996	Developer/IF	107	267	499	499	32%	No	$ -	$ -
XJ630	10	400	After 1996	Developer/IF	106	277	621	621	28%	No	$ -	$ -
XJ631	10	396	After 1996	Developer/IF	106	277	621	621	27%	No	$ -	$ -
XJ632	10	404	After 1996	Developer/IF	107	277	621	621	28%	No	$ -	$ -
XJ633	10	400	After 1996	Developer/IF	107	277	621	621	27%	No	$ -	$ -
XJ634	10	404	After 1996	Developer/IF	106	278	621	621	28%	No	$ -	$ -
XJ675	10	22	After 1996	Developer/IF	276	622	622	622	56%	No	$ -	$ -
XJ685	10	125	After 1996	Developer/IF	87	147	613	613	10%	No	$ -	$ -
XJ8	10	314	1995	Original System	293	292	358	301	0%	No	$ 12,276	$ -
XJ9	10	398	1995	Original System	293	292	358	358	0%	No	$ 15,570	$ -
N650	12	340	After 1996	Developer/IF	195	246	246	246	21%	No	$ -	$ -
N812	12	287	After 1996	Developer/IF	150	196	247	247	18%	No	$ -	$ -
XJ1	12	25	After 1996	Developer/IF	151	195	246	246	18%	No	$ -	$ -
XJ656	12	256	After 1996	Developer/IF	261	643	1969	1372	28%	No	$ -	$ -
XJ657	12	410	After 1996	Developer/IF	260	643	1969	1293	30%	No	$ -	$ -
XJ658	12	326	After 1996	Developer/IF	260	643	1968	1320	29%	No	$ -	$ -
XJ659	12	146	After 1996	Developer/IF	261	643	1969	1345	28%	No	$ -	$ -
XJ660	12	399	After 1996	Developer/IF	260	622	1947	1947	19%	No	$ -	$ -
XJ661	12	401	After 1996	Developer/IF	260	623	1945	1079	34%	No	$ -	$ -
XJ662	12	401	After 1996	Developer/IF	260	623	1946	1334	27%	No	$ -	$ -
XJ663	12	395	After 1996	Developer/IF	260	623	1947	1334	27%	No	$ -	$ -
XJ664	12	404	After 1996	Developer/IF	261	623	1941	1345	27%	No	$ -	$ -
XJ665	12	398	After 1996	Developer/IF	260	598	1915	1476	23%	No	$ -	$ -
XJ666	12	421	After 1996	Developer/IF	260	590	1809	1771	19%	No	$ -	$ -
XJ684	12	252	After 1996	Developer/IF	87	152	665	665	10%	No	$ -	$ -
CDT-269	15	372	Future or Developer	Developer	154	309	1144	1144	13%	No	$ -	$ -
CDT-273	15	393	Future or Developer	Developer	155	309	1144	1137	14%	No	$ -	$ -
CDT-291	15	403	Future or Developer	Developer	24	291	291	291	92%	No	$ -	$ -
CDT-293	15	243	Future or Developer	Developer	23	289	289	289	92%	No	$ -	$ -
XJ100	15	404	After 1996	Developer/IF	86	221	96	221	61%	No	$ -	$ -
XJ101	15	399	After 1996	Developer/IF	86	221	96	221	61%	No	$ -	$ -
XJ102	15	395	After 1996	Developer/IF	87	221	97	221	61%	No	$ -	$ -
XJ103	15	245	After 1996	Developer/IF	87	221	97	221	61%	No	$ -	$ -
XJ530	15	201	After 1996	Developer/IF	200	190	190	200	0%	No	$ -	$ -
XJ539	15	276	1995	Original System	236	442	331	442	47%	Yes	$ 14,282	$ 6,650
XJ667	15	424	After 1996	Developer/IF	259	590	1809	1809	18%	No	$ -	$ -
XJ668	15	246	After 1996	Developer/IF	261	590	1808	1570	21%	No	$ -	$ -
XJ669	15	399	After 1996	Developer/IF	155	314	1187	1187	13%	No	$ -	$ -
XJ670	15	211	After 1996	Developer/IF	154	309	1143	1143	14%	No	$ -	$ -
XJ671	15	196	After 1996	Developer/IF	154	309	1143	1143	14%	No	$ -	$ -
XJ672	15	187	After 1996	Developer/IF	153	310	1143	1143	14%	No	$ -	$ -
XJ673	15	116	After 1996	Developer/IF	154	310	1144	1144	14%	No	$ -	$ -
XJ674	15	400	After 1996	Developer/IF	154	309	1144	1144	14%	No	$ -	$ -
XJ676	15	146	After 1996	Developer/IF	261	591	1809	1809	18%	No	$ -	$ -
XJ677	15	233	After 1996	Developer/IF	154	310	1143	1143	14%	No	$ -	$ -
XJ678	15	305	After 1996	Developer/IF	86	151	665	665	10%	No	$ -	$ -
XJ679	15	294	After 1996	Developer/IF	87	151	664	664	10%	No	$ -	$ -
XJ68	15	143	1995	Original System	237	443	330	443	46%	Yes	$ 7,371	$ 3,424
XJ71	15	337	After 1996	Developer/IF	86	221	230	230	59%	No	$ -	$ -
XJ72	15	267	After 1996	Developer/IF	90	229	243	243	57%	No	$ -	$ -

Table C - 1. Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Paid for by or Installed as part of:	Demand (gpm)			Max Demand Ever Used[1]	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
XJ77	15	285	After 1996	Developer/IF	90.67	230	243	243	57%	No	$ -	$ -
XJ78	15	155	After 1996	Developer/IF	92	230	243	243	57%	No	$ -	$ -
XJ79	15	204	1995	Original System	237	442	331	442	46%	Yes	$ 10,553	$ 4,898
XJ98	15	241	After 1996	Developer/IF	87	221	97	221	61%	No	$ -	$ -
XJ99	15	399	After 1996	Developer/IF	86	221	96	221	61%	No	$ -	$ -
CDT-11	18	78	After 1996	Developer/IF	772	1371	3592	3592	17%	No	$ -	$ -
CDT-13	18	401	2013	2013 WRF	773	1371	3588	3588	17%	Yes	$ 37,874	$ 6,312
CDT-135	18	403	After 1996	Future or Developer	2584	3069	6073	6073	8%	No	$ -	$ -
CDT-15	18	176	2013	2013 WRF	773	1371	3585	3585	17%	Yes	$ 16,646	$ 2,778
CDT-17	18	92	2013	2013 WRF	770	1368	3586	3586	17%	Yes	$ 8,652	$ 1,444
CDT-19	18	75	2013	2013 WRF	773	1372	3585	3585	17%	Yes	$ 7,128	$ 1,190
CDT-21	18	263	2013	2013 WRF	770	1369	3582	3582	17%	Yes	$ 24,821	$ 4,156
CDT-23	18	41	2013	2013 WRF	771	1369	3584	3584	17%	Yes	$ 3,828	$ 639
CDT-25	18	302	2013	2013 WRF	770	1367	3586	3586	17%	Yes	$ 28,546	$ 4,750
CDT-27	18	132	2013	2013 WRF	774	1372	3585	3585	17%	Yes	$ 12,462	$ 2,080
CDT-29	18	274	2013	2013 WRF	770	1370	3586	3586	17%	Yes	$ 25,899	$ 4,338
CDT-31	18	258	2013	2013 WRF	772	1371	3585	3585	17%	Yes	$ 24,375	$ 4,068
CDT-33	18	240	2013	2013 WRF	774	1373	3583	3583	17%	Yes	$ 22,626	$ 3,782
CDT-35	18	62	2013	2013 WRF	770	1370	3583	3583	17%	Yes	$ 5,815	$ 973
CDT-37	18	223	2013	2013 WRF	770	1372	3585	3585	17%	Yes	$ 21,025	$ 3,528
CDT-39	18	60	2013	2013 WRF	770	1368	3587	3587	17%	Yes	$ 5,653	$ 942
CDT-41	18	115	2013	2013 WRF	772	1372	3585	3585	17%	Yes	$ 10,830	$ 1,813
CDT-43	18	112	2013	2013 WRF	773	1371	2882	2882	21%	Yes	$ 10,603	$ 2,198
CDT-45	18	81	2013	2013 WRF	772	1371	2880	2868	21%	Yes	$ 7,658	$ 1,600
CDT-47	18	118	2013	2013 WRF	770	1336	2881	1994	28%	Yes	$ 11,161	$ 3,170
CDT-49	18	50	2013	2013 WRF	771	1335	2880	2880	20%	Yes	$ 4,757	$ 932
CDT-51	18	153	2013	2013 WRF	771	1338	2879	2879	20%	Yes	$ 14,445	$ 2,847
CDT-53	18	352	2013	2013 WRF	772	1335	2878	2878	20%	Yes	$ 33,246	$ 6,510
CDT-55	18	200	After 1996	Developer/IF	434	1017	2880	2880	20%	No	$ -	$ -
CDT-57	18	400	After 1996	Developer/IF	435	1015	2881	2881	20%	No	$ -	$ -
N201	18	328	After 1996	Developer/IF	1409	2068	4827	4827	14%	No	$ -	$ -
N203	18	350	After 1996	Developer/IF	1442	2102	4863	4863	14%	No	$ -	$ -
N205	18	347	After 1996	Developer/IF	1445	2100	4861	4861	13%	No	$ -	$ -
N207	18	144	After 1996	Developer/IF	480	1171	1171	1171	59%	No	$ -	$ -
N209	18	149	After 1996	Developer/IF	481	1172	1172	1172	59%	No	$ -	$ -
N211	18	144	After 1996	Future or Developer	480	1172	1172	1172	59%	No	$ -	$ -
N213	18	159	After 1996	Future or Developer	480	1171	1171	1171	59%	No	$ -	$ -
N221	18	159	After 1996	Developer/IF	1492	2579	6041	4416	25%	No	$ -	$ -
N369	18	207	2013	2013 WRF	770	1369	3591	3591	17%	Yes	$ 19,497	$ 3,249
N370	18	396	2013	2013 WRF	771	1372	3589	3589	17%	Yes	$ 37,349	$ 6,252
N371	18	400	2013	2013 WRF	772	1369	3587	3587	17%	Yes	$ 37,734	$ 6,289
N373	18	226	2013	2013 WRF	770	1352	2879	2693	22%	Yes	$ 21,292	$ 4,599
N374	18	396	2013	2013 WRF	768	1335	2881	2881	20%	Yes	$ 37,343	$ 7,339
N710	18	899	2013	2013 WRF	1303	1952	4592	4592	14%	Yes	$ 84,856	$ 11,983
N716	18	1,177	2013	2013 WRF	1296	1941	4579	4579	14%	Yes	$ 111,157	$ 15,654
N808	18	188	After 1996	Developer/IF	918	1561	3834	3079	21%	No	$ -	$ -
N810	18	277	After 1996	Developer/IF	917	1561	3835	3835	17%	No	$ -	$ -
N814	18	189	2013	2013 WRF	1295	1942	4585	4585	14%	Yes	$ 17,870	$ 2,523
N816	18	103	2013	2013 WRF	1298	1951	4590	4590	14%	Yes	$ 9,720	$ 1,382
N818	18	205	2013	2013 WRF	1304	1952	4591	4591	14%	Yes	$ 19,364	$ 2,736
N820	18	235	2013	2013 WRF	1303	1951	4593	4593	14%	Yes	$ 22,224	$ 3,135
N822	18	65	After 1996	Developer/IF	1441	2099	4866	4866	14%	No	$ -	$ -
XJ635	18	89	After 1996	Developer/IF	436	1015	2657	2657	22%	No	$ -	$ -
XJ636	18	98	After 1996	Developer/IF	435	1018	2653	2653	22%	No	$ -	$ -
XJ637	18	401	After 1996	Developer/IF	433	1019	2653	2653	22%	No	$ -	$ -

Table C - 1. Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Paid for by or Installed as part of:	Demand (gpm)			Max Demand Ever Used[1]	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
XJ638	18	399	After 1996	Developer/IF	432.2	1017	2653	2653	22%	No	$ -	$ -
XJ639	18	396	After 1996	Developer/IF	433	1019	2655	2655	22%	No	$ -	$ -
XJ640	18	377	After 1996	Developer/IF	435	1019	2655	2655	22%	No	$ -	$ -
XJ641	18	279	After 1996	Developer/IF	433	1018	2653	2653	22%	No	$ -	$ -
XJ642	18	245	After 1996	Developer/IF	433	1018	2629	2629	22%	No	$ -	$ -
XJ643	18	306	After 1996	Developer/IF	432	1016	2630	2630	22%	No	$ -	$ -
										Total	$2,565,036	**$ 601,356**

[1]For pipe segments that have a demand that exceeds the existing pipe capacity, the Max Demand Ever Used is taken as the existing pipe capacity.

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
778	6	97	After 1996	XJ116	29	44	44	44	35%	No	$ -	$ -
829	6	178	1998	XJ250	63	89	140	140	19%	Yes	$ 13,258	$ 2,486
830	6	73	1998	XJ250	63	89	140	140	19%	Yes	$ 5,479	$ 1,027
1223	6	14	1998	XJ250	63	89	140	140	19%	Yes	$ 1,016	$ 190
831	6	180	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
911	6	29	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
922	6	29	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
929	6	144	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
936	6	136	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
941	6	114	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
944	6	77	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
947	6	103	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
949	6	129	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
777	8	60	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
1213	8	322	After 1996	XJ684	87	152	665	665	10%	No	$ -	$ -
1215	8	322	After 1996	XJ684	87	152	665	665	10%	No	$ -	$ -
776	8	102	After 1996	XJ687	85	117	229	229	14%	Yes	$ -	$ -
1116	8	537	2010	XJ500	28	255	255	255	89%	Yes	$ 22,057	$ 19,664
1117	8	842	2010	N40	36	52	111	111	15%	Yes	$ 34,542	$ 5,080
115	8	76	1998	XJ250	63	89	140	140	19%	Yes	$ 6,418	$ 1,203
122	8	310	1998	XJ250	63	89	140	140	19%	Yes	$ 26,209	$ 4,914
131	8	317	1998	XJ250	63	89	140	140	19%	Yes	$ 26,813	$ 5,027
374	8	207	After 1996	XJ684	87	152	665	665	10%	No	$ -	$ -
375	8	303	After 1996	XJ684	87	152	665	665	10%	No	$ -	$ -
376	8	396	After 1996	XJ684	87	152	665	665	10%	No	$ -	$ -
377	8	397	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
378	8	402	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
379	8	196	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
380	8	124	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
381	8	271	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
382	8	113	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
383	8	200	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
384	8	402	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
385	8	399	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
386	8	200	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
387	8	200	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
388	8	400	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
389	8	299	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
390	8	147	After 1996	XJ687	85	117	229	229	14%	No	$ -	$ -
391	8	64	After 1996	XJ684	87	152	665	665	10%	No	$ -	$ -
1152	8	263	After 1996	N40	36	52	111	111	15%	No	$ -	$ -
1153	8	140	After 1996	N40	36	52	111	111	15%	No	$ -	$ -
1212	8	322	After 1996	XJ684	87	152	665	665	10%	No	$ -	$ -
1214	8	322	After 1996	XJ684	87	152	665	665	10%	No	$ -	$ -
1	8	259	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
2	8	309	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
3	8	323	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
4	8	205	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
5	8	353	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
6	8	264	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
7	8	291	After 1996	XJ577	8	10	10	10	13%	No	$ -	$ -
8	8	188	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
9	8	209	After 1996	XJ577	8	10	10	10	13%	No	$ -	$ -
10	8	299	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
11	8	97	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
12	8	230	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
13	8	396	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
14	8	328	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
15	8	97	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
16	8	330	After 1996	XJ577	8	10	10	10	13%	No	$ -	$ -
17	8	167	After 1996	XJ577	8	10	10	10	13%	No	$ -	$ -
18	8	166	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
19	8	128	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
20	8	162	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
21	8	237	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
22	8	145	After 1996	XJ60	50	144	144	144	65%	No	$ -	$ -
23	8	401	After 1996	XJ545	5	6	6	6	14%	No	$ -	$ -
24	8	132	After 1996	XJ545	5	6	6	6	14%	No	$ -	$ -
25	8	235	After 1996	XJ545	5	6	6	6	14%	No	$ -	$ -
26	8	144	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
34	8	244	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
35	8	330	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
37	8	269	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
40	8	318	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
41	8	338	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
42	8	237	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
62	8	234	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
63	8	288	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
64	8	48	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
65	8	227	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
66	8	317	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
72	8	400	After 1996	CDT-85	50	101	101	101	50%	No	$ -	$ -
73	8	256	After 1996	CDT-81	22	24	24	24	6%	No	$ -	$ -
74	8	167	After 1996	CDT-85	50	101	101	101	50%	No	$ -	$ -
152	8	293	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
153	8	347	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
157	8	309	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
158	8	307	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
159	8	122	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
163	8	54	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
164	8	309	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
171	8	313	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
172	8	306	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
173	8	279	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
174	8	425	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
175	8	178	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
177	8	113	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
181	8	427	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
200	8	266	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
206	8	271	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
219	8	445	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
232	8	236	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
233	8	382	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
234	8	496	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
235	8	294	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
241	8	235	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
245	8	373	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
246	8	210	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
247	8	250	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
249	8	77	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
250	8	417	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
251	8	285	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
254	8	262	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
255	8	403	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
256	8	273	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
257	8	109	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
258	8	428	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
259	8	399	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
260	8	80	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
264	8	135	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
265	8	206	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
266	8	245	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
267	8	263	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
268	8	220	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
269	8	100	After 1996	XJ457	80	119	148	148	27%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
270	8	287	After 1996	XJ457	80	119	148	148	27%	No	$ -	$ -
271	8	223	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
272	8	91	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
273	8	401	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
274	8	362	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
275	8	212	After 1996	XJ457	80	119	148	148	27%	No	$ -	$ -
276	8	211	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
277	8	398	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
279	8	400	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
280	8	279	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
281	8	401	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
282	8	213	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
286	8	234	After 1996	N40	36	52	111	111	15%	No	$ -	$ -
287	8	189	After 1996	N40	36	52	111	111	15%	No	$ -	$ -
288	8	258	After 1996	N40	36	52	111	111	15%	No	$ -	$ -
289	8	259	After 1996	N40	36	52	111	111	15%	No	$ -	$ -
290	8	293	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
291	8	228	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
292	8	237	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
293	8	254	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
294	8	400	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
295	8	207	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
296	8	193	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
297	8	220	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
298	8	269	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
299	8	236	After 1996	XJ371	16	321	321	321	95%	No	$ -	$ -
300	8	149	After 1996	XJ371	16	321	321	321	95%	No	$ -	$ -
301	8	304	After 1996	XJ519	21	23	23	23	11%	No	$ -	$ -
302	8	111	After 1996	XJ519	21	23	23	23	11%	No	$ -	$ -
303	8	139	After 1996	XJ519	21	23	23	23	11%	No	$ -	$ -
305	8	179	After 1996	XJ577	8	10	10	10	13%	No	$ -	$ -
306	8	460	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
307	8	196	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
308	8	66	After 1996	XJ105	18	38	38	38	51%	No	$ -	$ -
309	8	436	After 1996	XJ105	18	38	38	38	51%	No	$ -	$ -
310	8	346	After 1996	XJ105	18	38	38	38	51%	No	$ -	$ -
311	8	472	After 1996	XJ105	18	38	38	38	51%	No	$ -	$ -
312	8	417	After 1996	XJ105	18	38	38	38	51%	No	$ -	$ -
313	8	394	After 1996	XJ105	18	38	38	38	51%	No	$ -	$ -
314	8	206	After 1996	XJ105	18	38	38	38	51%	No	$ -	$ -
315	8	151	After 1996	XJ539	236	442	331	442	47%	No	$ -	$ -
316	8	383	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
317	8	405	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
318	8	120	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
319	8	177	After 1996	XJ30	110	156	499	499	9%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
320	8	300	After 1996	XJ30	110	156	499	499	9%	No	$ -	$ -
321	8	278	After 1996	XJ577	8	10	10	10	13%	No	$ -	$ -
322	8	354	After 1996	XJ577	8	10	10	10	13%	No	$ -	$ -
323	8	139	After 1996	N698	311	311	380	380	0%	No	$ -	$ -
324	8	381	After 1996	XJ561	31	72	171	171	24%	No	$ -	$ -
325	8	402	After 1996	XJ561	31	72	171	171	24%	No	$ -	$ -
326	8	208	After 1996	XJ562	75	79	316	316	1%	No	$ -	$ -
327	8	399	After 1996	XJ562	75	79	316	316	1%	No	$ -	$ -
328	8	539	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
329	8	170	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
330	8	348	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
331	8	229	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
332	8	351	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
333	8	220	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
334	8	247	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
335	8	268	After 1996	XJ18	127	173	222	222	21%	No	$ -	$ -
336	8	239	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
337	8	227	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
338	8	296	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
339	8	328	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
340	8	152	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
341	8	216	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
342	8	241	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
343	8	335	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
344	8	391	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
345	8	250	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
346	8	89	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
347	8	317	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
348	8	269	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
349	8	183	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
350	8	190	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
351	8	277	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
352	8	304	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
353	8	72	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
354	8	630	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
355	8	289	After 1996	CDT-97	21	69	69	69	70%	No	$ -	$ -
356	8	330	After 1996	CDT-97	21	69	69	69	70%	No	$ -	$ -
357	8	220	After 1996	CDT-97	21	69	69	69	70%	No	$ -	$ -
358	8	348	After 1996	CDT-97	21	69	69	69	70%	No	$ -	$ -
359	8	128	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
360	8	149	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
361	8	401	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
362	8	402	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
363	8	278	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
364	8	400	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
365	8	144	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
366	8	351	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
367	8	307	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
368	8	205	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
369	8	146	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
370	8	238	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
371	8	332	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
372	8	307	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
373	8	141	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
401	8	165	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
402	8	269	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
403	8	233	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
404	8	137	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
405	8	172	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
406	8	162	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
407	8	205	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
408	8	113	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
409	8	119	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
410	8	235	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
411	8	86	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
412	8	158	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
413	8	156	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
414	8	174	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
415	8	217	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
416	8	190	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
417	8	438	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
418	8	334	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
419	8	93	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
420	8	174	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
421	8	160	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
422	8	153	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
423	8	180	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
424	8	158	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
425	8	235	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
426	8	149	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
427	8	298	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
428	8	134	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
429	8	146	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
430	8	391	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
431	8	341	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
432	8	324	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
433	8	219	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
434	8	90	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
435	8	55	After 1996	XJ454	15	41	41	41	64%	No	$ -	$ -
444	8	170	After 1996	N694	25	28	28	28	8%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
445	8	178	After 1996	N694	25	28	28	28	8%	No	$ -	$ -
446	8	154	After 1996	N694	25	28	28	28	8%	No	$ -	$ -
459	8	283	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
460	8	300	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
461	8	125	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
462	8	439	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
463	8	128	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
464	8	170	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
465	8	253	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
466	8	403	After 1996	XJ561	31	72	171	171	24%	No	$ -	$ -
467	8	132	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
468	8	348	After 1996	XJ21	307	202	211	307	0%	No	$ -	$ -
469	8	196	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
470	8	125	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
471	8	214	After 1996	XJ11	145	191	242	242	19%	No	$ -	$ -
472	8	86	After 1996	CDT-71	7	302	302	302	98%	No	$ -	$ -
473	8	63	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
474	8	139	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
475	8	70	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
476	8	116	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
477	8	330	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
478	8	91	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
479	8	169	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
480	8	45	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
481	8	310	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
482	8	326	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
483	8	221	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
484	8	83	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
485	8	211	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
486	8	81	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
487	8	269	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
488	8	169	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
489	8	262	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
490	8	137	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
491	8	400	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
492	8	397	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
493	8	321	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
513	8	131	After 1996	XJ869	20	40	40	40	50%	No	$ -	$ -
514	8	400	After 1996	XJ869	20	40	40	40	50%	No	$ -	$ -
515	8	110	After 1996	N694	25	28	28	28	8%	No	$ -	$ -
516	8	94	After 1996	N694	25	28	28	28	8%	No	$ -	$ -
517	8	407	After 1996	N694	25	28	28	28	8%	No	$ -	$ -
518	8	294	After 1996	N694	25	28	28	28	8%	No	$ -	$ -
519	8	159	After 1996	N694	25	28	28	28	8%	No	$ -	$ -
520	8	95	After 1996	N694	25	28	28	28	8%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
521	8	186	After 1996	N694	25	28	28	28	8%	No	$ -	$ -
522	8	74	After 1996	N266	86	118	118	118	27%	No	$ -	$ -
532	8	77	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
533	8	109	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
534	8	383	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
535	8	375	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
536	8	248	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
537	8	311	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
538	8	65	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
539	8	175	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
540	8	49	After 1996	N688	25	27	27	27	7%	No	$ -	$ -
541	8	96	After 1996	N688	25	27	27	27	7%	No	$ -	$ -
702	8	1,204	After 1996	N266	86	118	118	118	27%	No	$ -	$ -
703	8	1,639	After 1996	N110	60	185	238	238	52%	No	$ -	$ -
704	8	447	After 1996	N110	60	185	238	238	52%	No	$ -	$ -
705	8	1,746	After 1996	N110	60	185	238	238	52%	No	$ -	$ -
706	8	135	After 1996	N110	60	185	238	238	52%	No	$ -	$ -
767	8	184	After 1996	XJ7	145	191	242	242	19%	No	$ -	$ -
782	8	655	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
783	8	417	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
784	8	415	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
785	8	186	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
786	8	440	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
787	8	286	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
788	8	178	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
791	8	121	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
792	8	598	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
793	8	281	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
794	8	183	After 1996	N688	25	27	27	27	7%	No	$ -	$ -
797	8	124	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
798	8	175	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
799	8	371	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
800	8	352	After 1996	XJ656	261	643	1969	1969	19%	No	$ -	$ -
801	8	314	After 1996	N110	60	185	238	238	52%	No	$ -	$ -
910	8	310	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
1055	8	613	After 1996	CDT-89	21	69	69	69	69%	No	$ -	$ -
1056	8	427	After 1996	CDT-89	21	69	69	69	69%	No	$ -	$ -
1057	8	1,364	After 1996	CDT-89	21	69	69	69	69%	No	$ -	$ -
1058	8	733	After 1996	XJ500	28	255	255	255	89%	No	$ -	$ -
1059	8	312	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
1063	8	267	After 1996	XJ500	28	255	255	255	89%	No	$ -	$ -
1064	8	193	After 1996	XJ500	28	255	255	255	89%	No	$ -	$ -
1067	8	297	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
1068	8	407	After 1996	N672	358	357	433	433	0%	No	$ -	$ -
1091	8	152	After 1996	N110	60	185	238	238	52%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
1096	8	672	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
1097	8	175	After 1996	N672	358	357	433	433	0%	No	$ -	$ -
1098	8	373	After 1996	XJ850	50	50	53	53	0%	No	$ -	$ -
1099	8	258	After 1996	N110	60	185	238	238	52%	No	$ -	$ -
1100	8	545	After 1996	N110	60	185	238	238	52%	No	$ -	$ -
1101	8	261	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
1102	8	261	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
1103	8	108	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
1104	8	326	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
1105	8	94	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
1106	8	137	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
1107	8	216	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
1108	8	212	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
1109	8	228	After 1996	XJ492	67	105	412	412	9%	No	$ -	$ -
1110	8	238	After 1996	XJ492	67	105	412	412	9%	No	$ -	$ -
1111	8	182	After 1996	XJ869	20	40	40	40	50%	No	$ -	$ -
1112	8	1,060	After 1996	XJ869	20	40	40	40	50%	No	$ -	$ -
1113	8	147	After 1996	XJ869	20	40	40	40	50%	No	$ -	$ -
1114	8	913	After 1996	XJ869	20	40	40	40	50%	No	$ -	$ -
1115	8	445	After 1996	XJ869	20	40	40	40	50%	No	$ -	$ -
1118	8	256	After 1996	N40	36	52	111	111	15%	No	$ -	$ -
1119	8	543	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
1120	8	334	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
1121	8	376	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
1122	8	433	After 1996	XJ750	14	41	41	41	65%	No	$ -	$ -
1123	8	832	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
1124	8	312	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
1125	8	283	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
1126	8	448	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
1127	8	323	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
1128	8	308	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
1129	8	128	After 1996	XJ439	17	61	61	61	72%	No	$ -	$ -
1130	8	663	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
1131	8	325	After 1996	CDT-89	21	69	69	69	69%	No	$ -	$ -
1132	8	397	After 1996	CDT-89	21	69	69	69	69%	No	$ -	$ -
1133	8	327	After 1996	CDT-89	21	69	69	69	69%	No	$ -	$ -
1134	8	987	After 1996	CDT-85	50	101	101	101	50%	No	$ -	$ -
1135	8	34	After 1996	CDT-89	21	69	69	69	69%	No	$ -	$ -
1136	8	118	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
1137	8	171	After 1996	N203	1442	2102	1850	2102	31%	No	$ -	$ -
1138	8	177	After 1996	N680	41	42	49	49	2%	No	$ -	$ -
1139	8	583	After 1996	CDT-71	7	302	302	302	98%	No	$ -	$ -
1140	8	357	After 1996	CDT-71	7	302	302	302	98%	No	$ -	$ -
1142	8	194	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
1143	8	158	After 1996	N680	41	42	49	49	2%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
1149	8	105	After 1996	XJ869	20	40	40	40	50%	No	$ -	$ -
1151	8	387	After 1996	N40	36	52	111	111	15%	No	$ -	$ -
1154	8	290	After 1996	XJ307	59	81	81	81	27%	No	$ -	$ -
1155	8	59	After 1996	XJ281	59	82	82	82	27%	No	$ -	$ -
1156	8	166	After 1996	XJ281	59	82	82	82	27%	No	$ -	$ -
1157	8	92	After 1996	XJ281	59	82	82	82	27%	No	$ -	$ -
1159	8	482	After 1996	N612	106	104	229	229	0%	No	$ -	$ -
1173	8	230	After 1996	N40	36	52	111	111	15%	No	$ -	$ -
1194	8	129	After 1996	N266	86	118	118	118	27%	No	$ -	$ -
1209	8	217	After 1996	XJ541	303	198	207	303	0%	No	$ -	$ -
1210	8	219	After 1996	XJ712	136	181	232	232	19%	No	$ -	$ -
1211	8	219	After 1996	XJ712	136	181	232	232	19%	No	$ -	$ -
1216	8	14	After 1996	XJ7	145	191	242	242	19%	No	$ -	$ -
1217	8	14	After 1996	XJ7	145	191	242	242	19%	No	$ -	$ -
1230	8	11	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
1231	8	11	After 1996	XJ380	39	43	89	89	5%	No	$ -	$ -
1238	8	19	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
1239	8	19	After 1996	XJ299	279	244	203	279	0%	No	$ -	$ -
27	8	247	1995	XJ86	34	132	300	300	33%	Yes	$ 8,113	$ 2,664
28	8	230	1995	XJ86	34	132	300	300	33%	Yes	$ 7,570	$ 2,486
29	8	241	1995	XJ86	34	132	300	300	33%	Yes	$ 7,907	$ 2,596
30	8	264	1995	XJ86	34	132	300	300	33%	Yes	$ 8,659	$ 2,843
31	8	291	1995	XJ92	29	30	43	43	3%	Yes	$ 9,554	$ 247
32	8	282	1995	XJ97	37	38	55	55	2%	Yes	$ 9,280	$ 197
33	8	255	1995	XJ97	37	38	55	55	2%	Yes	$ 8,379	$ 178
36	8	294	1995	XJ82	34	36	260	260	1%	Yes	$ 9,644	$ 62
38	8	307	1995	XJ92	29	30	43	43	3%	Yes	$ 10,088	$ 261
39	8	300	1995	XJ97	37	38	55	55	2%	Yes	$ 9,842	$ 209
43	8	245	1995	XJ122	37	47	47	47	23%	Yes	$ 8,063	$ 1,848
44	8	243	1995	XJ122	37	47	47	47	23%	Yes	$ 7,993	$ 1,832
45	8	240	1995	XJ122	37	47	47	47	23%	Yes	$ 7,883	$ 1,806
46	8	302	1995	XJ82	34	36	260	260	1%	Yes	$ 9,907	$ 63
47	8	241	1995	XJ122	37	47	47	47	23%	Yes	$ 7,915	$ 1,814
48	8	235	1995	XJ82	34	36	260	260	1%	Yes	$ 7,711	$ 49
49	8	267	1995	XJ82	34	36	260	260	1%	Yes	$ 8,774	$ 56
50	8	430	1995	XJ131	126	292	292	292	57%	Yes	$ 14,143	$ 8,038
51	8	221	1995	XJ92	29	30	43	43	3%	Yes	$ 7,246	$ 187
52	8	297	1995	XJ92	29	30	43	43	3%	Yes	$ 9,760	$ 252
53	8	266	1995	XJ92	29	30	43	43	3%	Yes	$ 8,753	$ 226
54	8	300	1995	XJ133	101	165	505	505	13%	Yes	$ 9,859	$ 1,259
55	8	170	1995	XJ133	101	165	505	505	13%	Yes	$ 5,582	$ 713
56	8	132	1995	XJ116	29	44	44	44	35%	Yes	$ 4,350	$ 1,509
57	8	105	1995	XJ97	37	38	55	55	2%	Yes	$ 3,434	$ 73
58	8	300	1995	XJ116	29	44	44	44	35%	Yes	$ 9,857	$ 3,420
59	8	310	1995	XJ116	29	44	44	44	35%	Yes	$ 10,199	$ 3,538

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
60	8	299	1995	XJ97	37	38	55	55	2%	Yes	$ 9,808	$ 209
61	8	395	1995	XJ97	37	38	55	55	2%	Yes	$ 12,963	$ 276
67	8	315	1995	XJ122	37	47	47	47	23%	Yes	$ 10,335	$ 2,368
68	8	314	1995	XJ82	34	36	260	260	1%	Yes	$ 10,318	$ 66
69	8	305	1995	XJ92	29	30	43	43	3%	Yes	$ 10,022	$ 259
70	8	302	1995	XJ97	37	38	55	55	2%	Yes	$ 9,924	$ 211
71	8	306	1995	XJ116	29	44	44	44	35%	Yes	$ 10,038	$ 3,483
75	8	378	1995	XJ152	50	144	144	144	65%	Yes	$ 12,427	$ 8,110
76	8	217	1995	XJ167	23	32	32	32	29%	Yes	$ 7,134	$ 2,071
77	8	309	1995	XJ82	34	36	260	260	1%	Yes	$ 10,137	$ 65
78	8	287	1995	XJ82	34	36	260	260	1%	Yes	$ 9,441	$ 60
79	8	236	1995	XJ82	34	36	260	260	1%	Yes	$ 7,763	$ 50
80	8	242	1995	XJ167	23	32	32	32	29%	Yes	$ 7,936	$ 2,304
81	8	315	1995	XJ122	37	47	47	47	23%	Yes	$ 10,334	$ 2,368
82	8	447	1995	XJ175	123	288	288	288	57%	Yes	$ 14,680	$ 8,400
83	8	221	1995	XJ122	37	47	47	47	23%	Yes	$ 7,255	$ 1,663
84	8	301	1995	XJ92	29	30	43	43	3%	Yes	$ 9,893	$ 256
85	8	449	1995	XJ92	29	30	43	43	3%	Yes	$ 14,758	$ 382
86	8	186	1995	XJ116	29	44	44	44	35%	Yes	$ 6,104	$ 2,118
87	8	302	1995	XJ116	29	44	44	44	35%	Yes	$ 9,907	$ 3,437
88	8	333	1995	XJ116	29	44	44	44	35%	Yes	$ 10,942	$ 3,796
89	8	306	1995	XJ97	37	38	55	55	2%	Yes	$ 10,039	$ 214
90	8	347	1995	XJ97	37	38	55	55	2%	Yes	$ 11,398	$ 243
91	8	166	1995	XJ97	37	38	55	55	2%	Yes	$ 5,446	$ 116
92	8	449	1995	XJ186	101	165	505	505	13%	Yes	$ 14,768	$ 1,860
93	8	287	1995	XJ82	34	36	260	260	1%	Yes	$ 9,430	$ 60
94	8	308	1995	XJ92	29	30	43	43	3%	Yes	$ 10,104	$ 261
95	8	304	1995	XJ116	29	44	44	44	35%	Yes	$ 9,990	$ 3,466
96	8	304	1995	XJ97	37	38	55	55	2%	Yes	$ 9,989	$ 213
97	8	256	1995	XJ198	17	24	24	24	29%	Yes	$ 8,396	$ 2,399
98	8	291	1995	XJ82	34	36	260	260	1%	Yes	$ 9,546	$ 61
99	8	235	1995	XJ198	17	24	24	24	29%	Yes	$ 7,719	$ 2,206
100	8	397	1995	XJ82	34	36	260	260	1%	Yes	$ 13,050	$ 83
101	8	255	1995	XJ201	9	221	221	221	96%	Yes	$ 8,367	$ 8,026
102	8	247	1995	XJ201	9	221	221	221	96%	Yes	$ 8,112	$ 7,782
103	8	286	1995	XJ116	29	44	44	44	35%	Yes	$ 9,399	$ 3,261
104	8	457	1995	XJ116	29	44	44	44	35%	Yes	$ 15,029	$ 5,214
105	8	297	1995	XJ210	98	125	462	462	6%	Yes	$ 9,753	$ 574
106	8	254	1995	XJ210	98	125	462	462	6%	Yes	$ 8,330	$ 490
107	8	172	1995	XJ92	29	30	43	43	3%	Yes	$ 5,648	$ 146
108	8	264	1995	XJ220	86	112	437	437	6%	Yes	$ 8,670	$ 519
109	8	303	1995	XJ92	29	30	43	43	3%	Yes	$ 9,940	$ 257
110	8	315	1995	XJ92	29	30	43	43	3%	Yes	$ 10,359	$ 268
111	8	301	1995	XJ97	37	38	55	55	2%	Yes	$ 9,890	$ 210
112	8	407	1995	XJ97	37	38	55	55	2%	Yes	$ 13,382	$ 285

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
113	8	105	1995	XJ97	37	38	55	55	2%	Yes	$ 3,435	$ 73
114	8	213	1995	XJ220	86	112	437	437	6%	Yes	$ 6,997	$ 418
116	8	221	1995	XJ224	12	43	43	43	72%	Yes	$ 7,259	$ 5,208
117	8	266	1995	XJ116	29	44	44	44	35%	Yes	$ 8,740	$ 3,032
118	8	376	1995	XJ224	12	43	43	43	72%	Yes	$ 12,347	$ 8,857
119	8	278	1995	XJ220	86	112	437	437	6%	Yes	$ 9,119	$ 545
120	8	353	1995	XJ82	34	36	260	260	1%	Yes	$ 11,583	$ 74
121	8	424	1995	XJ210	98	125	462	462	6%	Yes	$ 13,941	$ 820
123	8	207	1995	XJ235	116	276	276	276	58%	Yes	$ 6,794	$ 3,936
124	8	366	1995	XJ92	29	30	43	43	3%	Yes	$ 12,026	$ 311
125	8	44	1995	XJ235	116	276	276	276	58%	Yes	$ 1,429	$ 828
126	8	405	1995	XJ97	37	38	55	55	2%	Yes	$ 13,309	$ 283
127	8	251	1995	XJ82	34	36	260	260	1%	Yes	$ 8,231	$ 53
128	8	433	1995	XJ82	34	36	260	260	1%	Yes	$ 14,240	$ 91
129	8	149	1995	XJ97	37	38	55	55	2%	Yes	$ 4,901	$ 104
130	8	379	1995	XJ97	37	38	55	55	2%	Yes	$ 12,442	$ 265
132	8	208	1995	XJ92	29	30	43	43	3%	Yes	$ 6,836	$ 177
133	8	346	1995	XJ92	29	30	43	43	3%	Yes	$ 11,353	$ 294
134	8	324	1995	XJ116	29	44	44	44	35%	Yes	$ 10,658	$ 3,698
135	8	361	1995	XJ116	29	44	44	44	35%	Yes	$ 11,846	$ 4,110
136	8	182	1995	XJ82	34	36	260	260	1%	Yes	$ 5,964	$ 38
137	8	252	1995	XJ97	37	38	55	55	2%	Yes	$ 8,287	$ 176
138	8	177	1995	XJ97	37	38	55	55	2%	Yes	$ 5,808	$ 124
139	8	165	1995	XJ116	29	44	44	44	35%	Yes	$ 5,432	$ 1,885
140	8	335	1995	XJ277	117	276	276	276	58%	Yes	$ 11,024	$ 6,361
141	8	204	1995	XJ92	29	30	43	43	3%	Yes	$ 6,715	$ 174
142	8	280	1995	XJ82	34	36	260	260	1%	Yes	$ 9,184	$ 59
143	8	387	1995	XJ97	37	38	55	55	2%	Yes	$ 12,726	$ 271
144	8	369	1995	XJ97	37	38	55	55	2%	Yes	$ 12,120	$ 258
145	8	356	1995	XJ92	29	30	43	43	3%	Yes	$ 11,682	$ 302
146	8	444	1995	XJ92	29	30	43	43	3%	Yes	$ 14,602	$ 378
147	8	186	1995	XJ116	29	44	44	44	35%	Yes	$ 6,120	$ 2,123
148	8	398	1995	XJ116	29	44	44	44	35%	Yes	$ 13,061	$ 4,532
149	8	231	1995	XJ116	29	44	44	44	35%	Yes	$ 7,590	$ 2,633
150	8	342	1995	XJ116	29	44	44	44	35%	Yes	$ 11,238	$ 3,899
151	8	165	1995	XJ116	29	44	44	44	35%	Yes	$ 5,418	$ 1,880
154	8	287	1995	XJ92	29	30	43	43	3%	Yes	$ 9,430	$ 244
155	8	300	1995	XJ97	37	38	55	55	2%	Yes	$ 9,862	$ 210
156	8	293	1995	XJ116	29	44	44	44	35%	Yes	$ 9,611	$ 3,334
160	8	143	1995	XJ97	37	38	55	55	2%	Yes	$ 4,701	$ 100
161	8	151	1995	XJ92	29	30	43	43	3%	Yes	$ 4,945	$ 128
162	8	189	1995	XJ116	29	44	44	44	35%	Yes	$ 6,211	$ 2,155
165	8	459	1995	XJ326	88	128	158	158	25%	Yes	$ 15,074	$ 3,823
166	8	290	1995	XJ298	279	245	204	279	0%	Yes	$ 9,541	$ -
167	8	315	1995	XJ298	279	245	204	279	0%	Yes	$ 10,335	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
168	8	316	1995	XJ299	279	244	203	279	0%	Yes	$ 10,370	$ -
169	8	243	1995	XJ299	279	244	203	279	0%	Yes	$ 7,998	$ -
170	8	270	1995	XJ299	279	244	203	279	0%	Yes	$ 8,884	$ -
176	8	196	1995	XJ298	279	245	204	279	0%	Yes	$ 6,441	$ -
178	8	351	1995	XJ439	17	61	61	61	72%	Yes	$ 11,534	$ 8,277
179	8	288	1995	XJ299	279	244	203	279	0%	Yes	$ 9,450	$ -
180	8	97	1995	XJ298	279	245	204	279	0%	Yes	$ 3,174	$ -
182	8	297	1995	XJ299	279	244	203	279	0%	Yes	$ 9,743	$ -
183	8	234	1995	XJ299	279	244	203	279	0%	Yes	$ 7,693	$ -
184	8	298	1995	XJ298	279	245	204	279	0%	Yes	$ 9,777	$ -
185	8	220	1995	XJ632	107	277	621	621	28%	Yes	$ 7,225	$ 1,988
186	8	293	1995	XJ332	133	155	128	155	14%	Yes	$ 9,611	$ 1,339
187	8	298	1995	XJ299	279	244	203	279	0%	Yes	$ 9,804	$ -
188	8	200	1995	XJ371	16	321	321	321	95%	Yes	$ 6,584	$ 6,261
189	8	317	1995	XJ298	279	245	204	279	0%	Yes	$ 10,429	$ -
190	8	257	1995	XJ371	16	321	321	321	95%	Yes	$ 8,441	$ 8,026
191	8	243	1995	XJ332	133	155	128	155	14%	Yes	$ 7,982	$ 1,112
192	8	243	1995	XJ332	133	155	128	155	14%	Yes	$ 7,985	$ 1,112
193	8	285	1995	XJ632	107	277	621	621	28%	Yes	$ 9,354	$ 2,573
194	8	169	1995	XJ337	124	145	117	145	15%	Yes	$ 5,559	$ 812
195	8	295	1995	XJ337	124	145	117	145	15%	Yes	$ 9,677	$ 1,414
196	8	300	1995	XJ337	124	145	117	145	15%	Yes	$ 9,852	$ 1,440
197	8	403	1995	XJ380	39	43	89	89	5%	Yes	$ 13,250	$ 602
198	8	150	1995	XJ439	17	61	61	61	72%	Yes	$ 4,926	$ 3,535
199	8	363	1995	XJ439	17	61	61	61	72%	Yes	$ 11,928	$ 8,560
201	8	294	1995	XJ298	279	245	204	279	0%	Yes	$ 9,661	$ -
202	8	300	1995	XJ299	279	244	203	279	0%	Yes	$ 9,858	$ -
203	8	263	1995	XJ380	39	43	89	89	5%	Yes	$ 8,642	$ 393
204	8	176	1995	XJ380	39	43	89	89	5%	Yes	$ 5,779	$ 263
205	8	225	1995	XJ380	39	43	89	89	5%	Yes	$ 7,377	$ 335
207	8	437	1995	XJ439	17	61	61	61	72%	Yes	$ 14,343	$ 10,293
208	8	125	1995	XJ439	17	61	61	61	72%	Yes	$ 4,107	$ 2,948
209	8	286	1995	XJ299	279	244	203	279	0%	Yes	$ 9,398	$ -
210	8	202	1995	XJ299	279	244	203	279	0%	Yes	$ 6,634	$ -
211	8	275	1995	XJ299	279	244	203	279	0%	Yes	$ 9,032	$ -
212	8	303	1995	XJ298	279	245	204	279	0%	Yes	$ 9,957	$ -
213	8	313	1995	XJ298	279	245	204	279	0%	Yes	$ 10,289	$ -
214	8	317	1995	XJ380	39	43	89	89	5%	Yes	$ 10,418	$ 474
215	8	289	1995	XJ380	39	43	89	89	5%	Yes	$ 9,511	$ 432
216	8	116	1995	XJ380	39	43	89	89	5%	Yes	$ 3,816	$ 173
217	8	242	1995	XJ380	39	43	89	89	5%	Yes	$ 7,967	$ 362
218	8	280	1995	XJ380	39	43	89	89	5%	Yes	$ 9,192	$ 418
220	8	146	1995	XJ439	17	61	61	61	72%	Yes	$ 4,789	$ 3,437
221	8	154	1995	XJ439	17	61	61	61	72%	Yes	$ 5,044	$ 3,620
222	8	396	1995	XJ371	16	321	321	321	95%	Yes	$ 12,996	$ 12,358

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
223	8	208	1995	XJ371	16	321	321	321	95%	Yes	$ 6,847	$ 6,511
224	8	398	1995	XJ371	16	321	321	321	95%	Yes	$ 13,075	$ 12,433
225	8	151	1995	XJ371	16	321	321	321	95%	Yes	$ 4,953	$ 4,710
226	8	298	1995	XJ393	12	15	41	41	6%	Yes	$ 9,775	$ 559
227	8	149	1995	XJ380	39	43	89	89	5%	Yes	$ 4,898	$ 223
228	8	333	1995	XJ380	39	43	89	89	5%	Yes	$ 10,942	$ 497
229	8	280	1995	XJ299	279	244	203	279	0%	Yes	$ 9,184	$ -
230	8	239	1995	XJ380	39	43	89	89	5%	Yes	$ 7,845	$ 357
231	8	287	1995	XJ298	279	245	204	279	0%	Yes	$ 9,431	$ -
236	8	312	1995	XJ439	17	61	61	61	72%	Yes	$ 10,251	$ 7,357
237	8	325	1995	XJ439	17	61	61	61	72%	Yes	$ 10,685	$ 7,668
238	8	303	1995	XJ439	17	61	61	61	72%	Yes	$ 9,945	$ 7,137
239	8	278	1995	XJ439	17	61	61	61	72%	Yes	$ 9,120	$ 6,545
240	8	304	1995	XJ393	12	15	41	41	6%	Yes	$ 9,973	$ 571
242	8	361	1995	XJ439	17	61	61	61	72%	Yes	$ 11,876	$ 8,523
243	8	402	1995	XJ439	17	61	61	61	72%	Yes	$ 13,222	$ 9,489
244	8	399	1995	XJ439	17	61	61	61	72%	Yes	$ 13,123	$ 9,418
248	8	272	1995	XJ298	279	245	204	279	0%	Yes	$ 8,922	$ -
252	8	166	1995	XJ439	17	61	61	61	72%	Yes	$ 5,454	$ 3,914
253	8	185	1995	XJ439	17	61	61	61	72%	Yes	$ 6,062	$ 4,351
261	8	399	1995	XJ298	279	245	204	279	0%	Yes	$ 13,117	$ -
262	8	342	1995	XJ439	17	61	61	61	72%	Yes	$ 11,239	$ 8,065
263	8	102	1995	XJ298	279	245	204	279	0%	Yes	$ 3,345	$ -
278	8	351	1995	XJ439	17	61	61	61	72%	Yes	$ 11,534	$ 8,278
283	8	332	1995	XJ439	17	61	61	61	72%	Yes	$ 10,916	$ 7,834
284	8	306	1995	XJ439	17	61	61	61	72%	Yes	$ 10,053	$ 7,214
285	8	201	1995	XJ439	17	61	61	61	72%	Yes	$ 6,615	$ 4,747
304	8	118	1995	XJ122	37	47	47	47	23%	Yes	$ 3,882	$ 890
1161	8	146	1995	XJ202	12	43	43	43	71%	Yes	$ 4,809	$ 3,402
1162	8	259	1995	XJ289	279	244	203	279	0%	Yes	$ 8,520	$ -
1163	8	246	1995	XJ299	279	244	203	279	0%	Yes	$ 8,067	$ -
1164	8	258	1995	XJ298	279	245	204	279	0%	Yes	$ 8,481	$ -
1165	8	291	1995	XJ332	133	155	128	155	14%	Yes	$ 9,562	$ 1,332
1166	8	299	1995	XJ337	124	145	117	145	15%	Yes	$ 9,825	$ 1,436
1167	8	414	1995	XJ336	128	150	122	150	14%	Yes	$ 13,587	$ 1,955
1248	8	484	1997	XJ577	8	10	10	10	13%	No	$ -	$ -
1250	8	328	2000	N40	36	52	111	111	15%	No	$ -	$ -
1251	8	116	2000	N40	36	52	111	111	15%	No	$ -	$ -
1252	8	386	2000	N40	36	52	111	111	15%	No	$ -	$ -
1253	8	68	2000	N40	36	52	111	111	15%	No	$ -	$ -
1254	8	211	2000	N40	36	52	111	111	15%	No	$ -	$ -
1255	8	149	2017	N694	25	28	28	28	8%	No	$ -	$ -
1256	8	144	2017	N694	25	28	28	28	8%	No	$ -	$ -
1257	8	156	2017	N694	25	28	28	28	8%	No	$ -	$ -
1258	8	159	2017	N694	25	28	28	28	8%	No	$ -	$ -

Table C - 2. Non-Modeled Existing Sanitary Sewer Pipes Reserve Capacity Detail (cont'd)

Pipe Segment ID	Dia (in)	Segment Length (ft)	Year Built	Reference Pipe[1]	Demand (gpm)			Max Demand Ever Used	Proportion of Max Capacity Ever Used 2022 to 2032	Impact Fee Eligible?	Estimated Project Cost	Estimated Impact Fee-Eligible Cost
					2022	2032	2060					
					A	B	C	D	E	F	G	H
								= Max (A, B, and C)	= (B - A) / D			= (E x G) if F is "Yes"
1259	8	144	2017	N694	25	28	28	28	8%	No	$ -	$ -
1260	8	347	2017	N694	25	28	28	28	8%	No	$ -	$ -
1261	8	350	2017	N694	25	28	28	28	8%	No	$ -	$ -
1262	8	328	2017	N694	25	28	28	28	8%	No	$ -	$ -
1263	8	217	2017	N694	25	28	28	28	8%	No	$ -	$ -
1264	8	200	2017	N694	25	28	28	28	8%	No	$ -	$ -
1265	8	176	2017	N694	25	28	28	28	8%	No	$ -	$ -
1266	8	80	2017	N694	25	28	28	28	8%	No	$ -	$ -
1267	8	82	2017	N694	25	28	28	28	8%	No	$ -	$ -
1268	8	132	2017	N694	25	28	28	28	8%	No	$ -	$ -
1269	8	388	1994	XJ198	17	24	24	24	29%	Yes	$ 12,751	$ 3,643
1270	8	159	1994	XJ198	17	24	24	24	29%	Yes	$ 5,209	$ 1,488
1000000	10 FM	4,305	1995	Lift Station	1478	1713	1713[2]	1713	14%	Yes	$ 168,282	$ 23,105
										Total	$ 2,121,147	$ 472,652

[1] First downstream modeled pipe.

[2] The maximum peak hour flow of the existing 10" force main is 1,713 gpm (see Table G - 3 in Appendix G). Peak hour flows in 2032 and 2060 exceed the maximum peak hour flows of the pipe.

APPENDIX D – HISTORIC COSTS

The following tables show a summary of projects with known historical costs.

The Santaquin City sanitary sewer system was installed in 1994 when the City installed miles of sewer pipe. The project was funded 47% from grants and the other 53% was paid in cash or bonded for by the City. Table D - 1 through Table D - 4 show how costs per foot for different pipe diameters were calculated for various projects the City paid for. These costs were used in Table C - 1 and Table C - 2.

Table D - 1. Historic Cost Paid by Santaquin City for Original Sanitary Sewer System Project

Original System Historical Project Cost[1]	$ 6,751,908
Impact Fee Eligible Cost[2]	$ 3,681,927

[1]Cost includes Center Street Lift Station and 52 MG Winter Storage Ponds

[2]Recorded costs paid for by City

Diameter	Approximate Pipe Length from GIS (ft)	Present Day Unit Cost (per LF)	Present Day Cost	Percent of Total	Impact Fee Eligible Cost	Impact Fee Eligible Cost (per LF)
8	98,007	$ 186	$ 18,229,214	88.4%	$ 3,254,154	**$ 33**
10	6,793	$ 204	$ 1,385,820	6.7%	$ 247,387	**$ 36**
15	530	$ 246	$ 130,265	0.6%	$ 23,254	**$ 44**
10 FM	4,315	$ 204	$ 880,228	4.3%	$ 157,132	**$ 36**
Total	109,644		$ 20,625,527		$ 3,681,927	

Table D - 2. Historic Cost Paid by Santaquin City for the 2013 WRF Project (Gravity Piping Only)

a	2013 WRF Historical Project Cost	$ 18,380,688	
b	Piping Portion	$ 1,725,000	
c	Impact Fee Eligible Cost[2]	$ 8,684,688	
d	Impact Fee Eligible Pipe Portion	$ 815,045	= (b/a) x c

[2]Recorded costs paid for by City

Diameter	Approximate Pipe Length from GIS (ft)	Present Day Unit Cost (per LF)	Present Day Cost	Percent of Total	Impact Fee Eligible Cost	Impact Fee Eligible Cost (per LF)
10	309	$ 204	$ 63,006	2.6%	$ 21,240	**$ 36**
18	8,470	$ 278	$ 2,354,702	97.4%	$ 793,805	**$ 38**
Total	8,779		$ 2,417,708		$ 815,045	

Table D - 3. Historic Cost Paid by Santaquin City for the 900 South & Center Street Project

Historical Project Cost	Unknown
Impact Fee Eligible Cost[1]	$ 56,601

[1]Recorded costs paid for by City

Diameter	Approximate Pipe Length from GIS (ft)	Present Day Unit Cost (per LF)	Present Day Cost	Percent of Total	Impact Fee Eligible Cost	Impact Fee Eligible Cost (per LF)
8	1,379	$ 186	$ 256,497	100%	$ 56,601	**$ 41**
Total	1,379		$ 256,497		$ 56,601	

Table D - 4. Historic Cost Paid by Santaquin City for the Main Street & I-15 Project

Historical Project Cost	Unknown
Impact Fee Eligible Cost[1]	$ 219,788

[1]Estimated based on estimated 2022 costs with a 1998 ENR Construction Index reduction.

Diameter	Approximate Pipe Length from GIS (ft)	Present Day Unit Cost (per LF)	Present Day Cost	Percent of Total	Impact Fee Eligible Cost[1]	Impact Fee Eligible Cost (per LF)
6	275	$ 178	$ 48,895	10%	$ 22,078	$ 80.38
8	2,354	$ 186	$ 437,847	90%	$ 197,709	$ 83.99
Total	2,629		$486,741		$ 219,788	

[1]Reduced using ENR Construction Index factor of 2.197 for 1998 construction year (see Table D-7)

Table D - 5. Historic Cost Paid by Santaquin City for the Winter Storage Ponds

a	% of Pond #2 Used in 2022	70.6%	
b	% of Pond #2 Used in 2032	100%	
c	% Impact Fee Eligible	29.4%	[1-a]
d	Historical Project Cost[1]	$ 1,247,683	
e	Impact Fee Eligible Cost	$ 367,121	[c*d]

[1]Based on City records

Table D - 6. Historic Cost Paid by Santaquin City for Sewer Improvements at Summit Ridge

Historical Project Cost	Unknown
Impact Fee Eligible Cost[1]	$ 1,049,547

[1]Recorded costs paid by the developer to be reimbursed by the City

Diameter	Approximate Pipe Length from GIS (ft)	Present Day Unit Cost (per LF)	Present Day Cost	Percent of Total	Impact Fee Eligible Cost[1]	Impact Fee Eligible Cost (per LF)
10	3,120	$ 204.00	$ 636,462	19%	$ 202,184	$ 64.80
12	3,842	$ 222.00	$ 852,964	26%	$ 270,960	$ 70.52
15	3,848	$ 246.00	$ 946,580	29%	$ 300,698	$ 78.15
18	3,122	$ 278.00	$ 867,903	26%	$ 275,705	$ 88.31
Total	13,932		3,303,909		1,049,547	

Table D - 7. Historic Costs Paid by Santaquin City for the Public Works Facility

a	2022 ERUs	4,745	
b	2032 ERUs	8,208	
c	Buildout ERUs	19,691	
d	2022 to Buildout Growth	14,946	[c-a]
e	2022 to 2032 Growth	3,463	[b-a]
f	10-year growth responsibility	23.17%	[e/d]
g	Historical Project Cost[1]	$ 2,530,000	
h	Sanitary Sewer Portion[2]	$ 632,500	[g*0.25]
i	Impact Fee Eligible Cost	$ 146,539	[f*h]

[1]Based on City records

[2]City records indicate a cost-sharing of 25% each between sanitary sewer, parks, culinary water, and secondary water

Table D - 8. Historic Costs Paid by Santaquin City for the 2019 WRF Phase 2 Upgrades

a	Engineering	$	146,200	
b	FKC Screw Press	$	249,770	
c	GE/Suez Membranes	$	578,000	
d	Construction	$	584,339	
e	Impact Fee Eligible Cost[1]	$	1,558,309	= a + b + c + d

[1]Recorded costs paid for by City

Table D - 9. City Projects Paid for by Others

Projet Description	Year Constructed	Funding Source
Land Application Pump (New)	2009	Developer/Impact Fee Funded
100 West (Pole Canyon Road) Sewer (900 South to 1200 South)	2015	Developer/Impact Fee Funded

Table D - 10. Winter Storage Pond Storage Summary

Table Row		Storage (MG)	
Existing Storage			
a	Pond #1 Storage	52	
b	Pond #2 Storage	126	
c	Total Existing Storage	178	= a + b
2022 Storage Needs			
d	2022 WRF Wintertime Effluent	176	
e	Wintertime Evaporation and Losses	35	
f	2022 Storage Demand	141	= d - e
g	Remaining Storage	37	= c - f
h	% of Pond #1 Used	100%	
i	% of Pond #2 Used	70.6%	= (f - a) / b
2032 Storage Needs			
j	2032 WRF Wintertime Effluent	304	
k	Wintertime Evaporation and Losses	60	
l	2032 Storage Demand	244	= j - k
m	Remaining Storage	-66	= c - l
n	% of Pond #1 Used	100%	
o	% of Pond #2 Used	152%	= (l - a) / b
Additional Storage Project in Year 2027 to Meet LOS			
p	Existing Storage in 2027	178	
q	Convert Existing Treatment Lagoons	36	
r	Total Storage in 2027	214	= p + q
Additional Storage Project in Year 2030 to Meet LOS			
s	Existing Storage in 2030	214	
t	Proposed Winter Storage Pond	247	
u	Total Storage in 2030	461	= s + t
% of Proposed Winter Storage Pond Used by 2032			
v	% of Pond #1 Used	100%	
w	% of Pond #2 Used	100%	
x	% Converted Treatment Lagoons Used	100%	
y	% Proposed Winter Storage Pond Used	12%	= (l - s) / u

Table D - 11 shows the Engineering News Record Construction Cost Index, which is an index based on labor, steel, concrete and lumber in 20 major cities in the United States.

Table D - 11. Engineering News Record Construction Cost Index History

Construction Year	Index Cost	Ratio to 2022 to Construction Year
2022	13007	1.000
2021	12133	1.072
2020	11466	1.134
2019	11281	1.153
2018	11062	1.176
2017	10737	1.211
2016	10338	1.258
2015	10036	1.296
2014	9806	1.326
2013	9547	1.362
2012	9308	1.397
2011	9070	1.434
2010	8799	1.478
2009	8570	1.518
2008	8310	1.565
2007	7966	1.633
2006	7751	1.678
2005	7446	1.747
2004	7115	1.828
2003	6694	1.943
2002	6538	1.989
2001	6343	2.051
2000	6221	2.091
1999	6059	2.147
1998	5920	2.197
1997	5826	2.233
1996	5620	2.314
1995	5471	2.377
1994	5408	2.405
1993	5210	2.497
1992	4985	2.609
1991	4835	2.690
1990	4727.8	2.751
1989	4615	2.818
1988	4519	2.878
1987	4406	2.952
1986	4295	3.028
1985	4195	3.101
1984	4146	3.137
1983	4066	3.199
1982	3825	3.400
1981	3535	3.679
1980	3237	4.018
1979	3003	4.331
1978	2776	4.685
1977	2576	5.049
1976	2401	5.417
1975	2212	5.880
1974	2020	6.439
1973	1895	6.864
1972	1753	7.420
1971	1581	8.227
1970	1381	9.418
1969	1269	10.250
1968	1155	11.261
1967	1074	12.111
1966	1019	12.764
1965	971	13.395
1964	936	13.896
1963	901	14.436
1962	872	14.916
1961	847	15.356
1960	824	15.785
1959	797	16.320
1958	759	17.137
1957	724	17.965
1956	692	18.796
1955	660	19.707
1954	628	20.712
1953	600	21.678
1952	569	22.859
1951	543	23.954
1950	510	25.504
1949	477	27.268
1948	461	28.214
1947	413	31.494
1946	346	37.592
1945	308	42.230
1944	299	43.501
1943	290	44.851
1942	276	47.126
1941	258	50.414
1940	242	53.747
1939	236	55.114
1938	236	55.114
1937	235	55.348
1936	206	63.140
1935	196	66.361
1934	198	65.691
1933	170	76.511
1932	157	82.846
1931	181	71.861
1930	203	64.073
1929	207	62.835
1928	207	62.835
1927	206	63.140
1926	208	62.533
1925	207	62.835
1924	215	60.497
1923	214	60.780
1922	174	74.752
1921	202	64.390

Table D - 12 details the engineering and financial costs related to planning for impact fee collection. These costs include modeling, master planning, capital facilities planning, and impact fee facilities plan (by J-U-B Engineers), and an impact fee analysis (by Zions Bank Public Finance).

Table D - 12. Engineering/Financial Costs Related to Planning that are Eligible for Impact Fee Collection

	Cost	
Master Plan & Capital Facilities Plan	$	58,650
Impact Fee Facilities Plan	$	7,200
Impact Fee Analysis	$	7,200
Total	$	73,050

APPENDIX E – IMPACT FEE FACILITIES PLAN CERTIFICATION

As required by Section 11-36a-306 of the Impact Fee Act, J-U-B Engineers, Inc. provides the following statement:

> "I certify that the attached impact fee facilities plan:
>
> 1. includes only the costs of public facilities that are:
>   a. allowed under the Impact Fees Act; and
>   b. actually incurred; or
>   c. projected to be incurred or encumbered within six years after the day on which each impact fee is paid;
> 2. does not include:
>   a. costs of operation and maintenance of public facilities; or
>   b. costs for qualifying public facilities that will raise the level of service for the facilities, through impact fees, above the level of service that is supported by existing residents; and
> 3. complies in each and every relevant respect with the Impact Fees Act."

J-U-B Engineers, Inc.