



PREPARED FOR:



PREPARED BY:



SEWER IMPACT FEE FACILITIES PLAN

NOVEMBER 2025

SEWER IMPACT FEE FACILITIES PLAN

November 2025



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Prepared by:



TABLE OF CONTENTS

Page No.

EXECUTIVE SUMMARY..... ES-1
Introduction..... ES-1
Why is an IFFP Needed?..... ES-1
Projected Future Growth..... ES-1
Level of Service..... ES-2
Existing Capacity Available to Serve Future Growth ES-3
Collection ES-3
Treatment ES-3
Required System Improvements ES-4
SEWER IMPACT FEE FACILITIES PLAN..... 1
Introduction..... 1
Existing Level of Service - 11-36a-302(1)(a)(i)..... 1
Unit of Demand..... 1
Performance Standard 2
Pipeline Capacity..... 2
Treatment Plant Capacity..... 2
Existing Level of Service..... 3
Proposed Level of Service - 11-36a-302(1)(a)(ii)..... 3
Excess Capacity to Accommodate Future Growth - 11-36a-302(1)(a)(iii)..... 4
Collection 4
Treatment 5
Demands Placed on Facilities by New Development - 11-36a-302(1)(a)(iv)..... 5
Infrastructure Required to Meet Demands of New Development - 11-36a-302(1)(a)(v) 6
10-Year Improvement Plan..... 6
Project Cost Attributable to Future Growth 8
Basis of Construction Cost Estimates 9
Additional Considerations 9
Manner of Financing - 11-36a-302(2) 9
Federal and State Grants and Donations..... 9
Bonds 9
Interfund Loans..... 9
Impact Fees 9
Developer Dedications and Exactions..... 9
Necessity of Improvements to Maintain Level of Service - 11-36a-302(3) 10
School Related Infrastructure -11-36a-302(2) 10
Noticing and Adoption Requirements -11-36a-502..... 10
Impact Fee Certification - Utah Code Annotated 11-36a-306(1) 11

**TABLE OF CONTENTS
(continued)**

LIST OF TABLES

No.	Title	Page No.
ES-1	ACSSD Service Area Sewer ERU Projections.....	ES-1
ES-2	ACSSD Service Area Historic Flows	ES-2
ES-3	Existing Performance Standards and Level of Service for Various System Requirements	ES-3
ES-4	Sewer Project Costs Allocated to Projected Development, 10-Year Planning Window	ES-5
1	ACSSD Service Area Historic Flows	2
2	Existing Performance Standards and Level of Service for Various System Requirements	3
3	Proposed Performance Standards and Level of Service for Various System Requirements.....	4
4	Projected System Growth in ERUs	5
5	Sewer System Project Costs Allocated to Projected Development, 10-year Planning Window ..	7

EXECUTIVE SUMMARY

SEWER IMPACT FEE FACILITIES PLAN

INTRODUCTION

The purpose of an Impact Fee Facilities Plan (IFFP) is to identify demands placed upon District facilities by future development and evaluate how these demands will be met by the District. The IFFP is also intended to outline the improvements which may be funded through impact fees.

WHY IS AN IFFP NEEDED?

The IFFP provides a technical basis for assessing updated impact fees throughout the District service area. This document addresses the future infrastructure needed to serve the District. The existing and future capital projects documented in this IFFP will ensure that level of service standards are maintained for all existing and future residents who reside within the service area. Local governments must pay strict attention to the required elements of the IFFP which are enumerated in the Impact Fee Act.

PROJECTED FUTURE GROWTH

To evaluate the use of existing capacity and the need for future capacity, it is first necessary to calculate the demand associated with existing development and projected growth. Using available information for existing development and growth projections from the District's master plan, projected growth in system demand is summarized in Table ES-1.

Table ES-1
ACSSD Service Area Sewer ERU Projections

Year	Projected ERUs	Estimated Sewer Flows (MGD)
2024	14,718	2.56
2029	20,067	3.49
2034	27,053	4.71
2040	37,493	6.52
2050	62,527	10.88

Wastewater flows are projected in terms of Equivalent Residential Units (ERUs). An ERU represents the wastewater produced by a typical single-family residence. The basis of an ERU from historical flow data is summarized in Table ES-2.

**Table ES-2
ACSSD Service Area Historical Flows**

Item	Value for Existing Conditions
Equivalent Residential Units (ERUs)	14,718
Domestic Wastewater Production, Peak Month, Average Day (mgd)	2.34
Infiltration (mgd)	0.22
Peak Month, Average Day Flow (mgd)	2.56
Peak Hour Flow ¹ (mgd)	6.07
Flows per ERU	
Domestic Wastewater Production (gpd/ERU)	159
Average Day, Maximum Month Flow (gpd/ERU)	174
Peak Hour Flow ¹ (gpd/ERU)	413
Average Indoor Water Use (gpd/ERU)	177

¹ Represents the estimated cumulative peak flow at the point of discharge. Observed peak flow will vary depending on the location in the system.

LEVEL OF SERVICE

Level of service is defined in the Impact Fee Act as “the defined performance standard or unit of demand for each capital component of a public facility within a “service area”. Performance standards are those standards that are used to design and evaluate the performance of facilities. While the Impact Fee Act includes “defined performance standard” as part of the level of service definition, this report will make a subtle distinction between performance standard and level of service. The performance standard will be considered the desired minimum level of performance for each system component, while the existing level of service will be the actual current performance of the system component. The proposed level of service will be the actual performance of the component in the future. Summary values for these categories are contained in Table ES-3.

**Table ES-3
Existing Performance Standards and Level of Service
for Various System Requirements**

	Existing Performance Standard	Existing Level of Service
Pipeline Capacity		
Maximum Ratio of Peak Flow Depth to Pipe Diameter ¹	0.7	0.66 ²
Treatment Capacity		
Available Plant Capacity – Average Day, Maximum Month Flow (gpd/ERU)	174	238 ³

¹ During peak hour, dry weather sewer flow. A ratio of peak flow depth to pipe diameter of 0.7 corresponds to the pipe flowing at approximately 75% of full flow capacity.

² Because there are thousands of pipeline components, the value given is for the worst case only. All other components have a better level of service. There are no pipeline capacity deficiencies in the existing system.

³ Existing level of service represents level available, not necessarily level used. For example, the treatment being used per ERU is 174 gpd even though the amount currently available is 238 gpd per ERU.

EXISTING CAPACITY AVAILABLE TO SERVE FUTURE GROWTH

Projected future growth will be met through a combination of available excess capacity in existing facilities and construction of additional capacity in new facilities. Defining existing system capacity in terms of a single number is difficult. To improve the accuracy of the analysis, the system was divided into two different components (collection system and treatment system). Excess capacity in each component of the system is as follows.

Collection

Use of collection system capacity was evaluated using a hydraulic computer model of the District's collection system. The calculated percentage of existing collection capacity currently in use by existing development is 29.1 percent. Growth during the next 10 years is calculated to use an additional 7.5 percent, with the remaining 63.4 percent of existing capacity to be used by growth beyond the 10-year planning window.

Treatment

As documented in the master plan, the District will need additional wastewater treatment capacity to meet the projected growth within the service area. The existing wastewater lagoons have a total estimated capacity of 3.5 million gallons per day (MGD). Current peak month, average day flows in the system are estimated to be 2.56 MGD. Therefore, the existing lagoons are 73.0 percent utilized by existing users.

However, as identified in the master plan, the District is planning to construct 2 new wastewater treatment facilities to meet the needs of both existing users and new growth over the next 10 years. Confluence Park WRF is currently under construction and will be put into operation in early 2026. The District is also planning to convert the existing lagoons to a mechanical treatment plant (Gateway WRF), which would replace the existing lagoon system. While there is currently excess capacity in

the lagoons, the lagoons will be replaced in the next 10 years and customers will eventually be serviced by the new mechanical treatment facility. Therefore, no costs from the existing lagoons will be included in the impact fee facilities plan.

REQUIRED SYSTEM IMPROVEMENTS

Beyond available existing capacity, additional improvements required to serve growth are summarized in Table ES-4. To satisfy the requirements of Utah State law, Table ES-4 provides a breakdown of the percentage of future project costs attributed to existing and future users. For future users, capacity has been divided between capacity to be used by growth within the 10-year planning window of this IFFP and capacity that will be available for growth beyond the 10-year window.

Table ES-4
Sewer System Project Costs Allocated to Projected Future Growth, 10-year Planning Window

CFP Project ID	Description	Estimated Total Project Cost	Percent to Existing	Percent to 10-yr Growth	Percent to Beyond 10-yr	Cost to Existing	Cost to 10 Year	Cost to beyond 10 Year
C4 - Reach 6	Install 700 feet of 36" pipe replacing the current trestle crossing.	\$805,000	2.6%	9.7%	87.7%	\$21,255	\$78,065	\$705,679
C7	Install 550 feet of 15" pipe replacing the current trestle crossing.	\$328,000	6.8%	9.0%	84.2%	\$22,434	\$29,396	\$276,170
C8	Replace 1,400 feet of 8" pipe with new 18" pipe.	\$685,000	6.8%	9.0%	84.2%	\$46,851	\$61,392	\$576,757
E5	Install 2,700 feet of 15-inch pipe	\$1,242,000	0.0%	13.0%	87.0%	\$0	\$161,226	\$1,080,774
E11	Construct 525 gpm Lift Station	\$1,495,000	0.0%	26.3%	73.7%	\$0	\$392,626	\$1,102,374
E12	Install 8,500 feet of 6-inch pressure sewer pipe	\$2,445,000	0.0%	26.3%	73.7%	\$0	\$642,121	\$1,802,879
E13	Install 5,500 feet of 10-inch pipe	\$2,277,000	0.0%	37.6%	52.9%	\$0	\$856,395	\$1,420,605
T1	Confluence Park Water Reclamation Facility, Phase 1	\$43,790,000	25.6%	21.5%	52.9%	\$11,214,518	\$9,398,498	\$23,176,983
T2	Gateway Water Reclamation Facility Phase 1	\$168,780,000	25.6%	21.5%	52.9%	\$43,224,170	\$36,224,676	\$89,331,154
T3	Confluence Park Water Reclamation Facility, Phase 2	\$21,895,000	25.6%	21.5%	52.9%	\$5,607,259	\$4,699,249	\$11,588,492
	Total Costs					\$60,136,488	\$52,543,646	\$131,061,866

¹ Refer to Figures 7-1 and 7-2 from the master plan for more information on the location of each project.

SEWER IMPACT FEE FACILITIES PLAN

INTRODUCTION

Ash Creek Special Service District (ACSSD) has retained Bowen Collins & Associates (BC&A) to prepare an impact fee facilities plan (IFFP) for sewer collection and treatment services provided by the District. The purpose of an IFFP is to determine the public facilities required to service development resulting from new development activity. The IFFP is also intended to outline the improvements which may be funded through impact fees.

The analysis forming the basis of this IFFP has been taken from the District's 2025 Sewer System Master Plan (master plan). The reader should refer to the master plan for additional discussion of planning and evaluation methodology beyond what is contained in this IFFP.

Requirements for the preparation of an IFFP are outlined in Title 11, Chapter 36a of the Utah Code (the Impact Fees Act). Under these requirements, an IFFP shall accomplish the following for each facility:

1. Identify the existing level of service
2. Establish a proposed level of service
3. Identify excess capacity to accommodate future growth at the proposed level of service
4. Identify demands placed upon existing public facilities by new development
5. Identify the means by which demands from new development will be met
6. Consider the following additional issues
 - a. revenue sources to finance required system improvements
 - b. necessity of improvements to maintain the proposed level of service
 - c. need for facilities relative to planned locations of schools

The following sections of this report have been organized to address each of these requirements.

EXISTING LEVEL OF SERVICE - 11-36a-302(1)(a)(i)

Level of service is defined in the Impact Fees Act as "the defined performance standard or unit of demand for each capital component of a public facility within a service area". This section discusses the level of service being currently provided to existing users.

Unit of Demand

The projected flow used to design and evaluate system components will vary depending on the nature of each component. For example, most treatment plant processes are designed based on peak month, average day flow. Conversely, sewer collection pipelines must be designed based on peak hour flow (function of diurnal flow variation). For the purposes of this analysis, it is useful to define these various demands in terms of Equivalent Residential Units (ERU). An ERU represents the wastewater production from a typical single-family residence. The basis of an ERU for historical flow rates is summarized in Table 1. Additional details regarding the calculation of values used in the definition of an ERU are contained in the master plan.

Table 1
ACSSD Service Area Historic Flows

Item	Value for Existing Conditions
Equivalent Residential Units (ERUs)	14,718
Domestic Wastewater Production, Peak Month, Average Day (mgd)	2.34
Infiltration (mgd)	0.22
Peak Month, Average Day Flow (mgd)	2.56
Peak Hour Flow ¹ (mgd)	6.07
Flows per ERU	
Domestic Wastewater Production (gpd/ERU)	159
Average Day, Maximum Month Flow (gpd/ERU)	174
Peak Hour Flow ¹ (gpd/ERU)	413
Average Indoor Water Use (gpd/ERU)	193

¹ Represents the estimated cumulative peak flow at the point of discharge into the system. Observed peak flow will vary depending on the location in the system.

Performance Standard

Performance standards are those standards that are used to design and evaluate the performance of facilities. While the Impact Fees Act includes “defined performance standard” as part of the level of service definition, this report will make a subtle distinction between performance standard and level of service. The performance standard will be considered the desired minimum level of performance for each component, while the existing level of service will be the actual current performance of the component. Thus, if the existing level of service is less than the performance standard it is a deficiency. If it is greater than the performance standard it may indicate excess capacity. This section discusses the existing performance standards for the District. A subsequent section will consider the existing level of service relative to these standards.

To improve the accuracy of the analysis, this impact fee facilities plan has divided the system into two different components: pipeline capacity and treatment capacity. Each of these components has its own set of performance standards:

Pipeline Capacity. The master plan establishes that all sewer mains must have capacity to convey peak dry weather flows without exceeding 75% of the pipe’s hydraulic capacity, using a Manning’s roughness factor n of 0.013. This is approximately equal to a depth over diameter ratio of 0.70. This allows for a small amount of extra capacity to be reserved in the pipeline to account for potential inflow into the system and other unknown fluctuations in flow. This design standard was used as the performance standard for pipeline capacity evaluation.

Treatment Plant Capacity. A treatment plant consists of a large number of different components. Each component may have different criteria for design depending on the nature of the component. For the majority of treatment related components, design is based on treating the average daily flow during the month of maximum flow. This is the same standard used by the State of Utah Department of Environmental Quality (UDEQ) when rating the capacity of a treatment plant.

Existing Level of Service

The existing level of service has been divided into the same two components as identified for the system performance standard (pipeline capacity and treatment capacity). Existing level of service values are summarized in Table 2 below. For comparison purposes, Table 2 also includes a summary of the existing performance standards.

Table 2
Existing Performance Standards and Level of Service
for Various System Requirements

	Existing Performance Standard	Existing Level of Service
Pipeline Capacity		
Maximum Ratio of Peak Flow Depth to Pipe Diameter ¹	0.7	0.66 ²
Treatment Capacity		
Available Plant Capacity – Average Day, Maximum Month Flow (gpd/ERU)	174	238 ³

¹ During peak hour, dry weather sewer flow. A ratio of peak flow depth to pipe diameter of 0.7 corresponds to the pipe flowing at approximately 75% of full flow capacity.

² Because there are thousands of pipeline components, the value given is for the worst case only. All other components have a better level of service. There are no pipeline capacity deficiencies in the existing system.

³ Existing level of service represents level available, not necessarily level used. For example, the treatment being used per ERU is 174 gpd even though the amount currently available is 238 gpd per ERU.

As shown in the table, the District's pipeline and treatment capacity performance standard is less than the existing level of service which indicates there are no deficiencies in the existing system. Excess capacity will be discussed in subsequent sections of this report. Costs for projects to correct deficiencies that do not meet the required level of service are not included as part of the impact fee as required by the Impact Fee Act.

PROPOSED LEVEL OF SERVICE - 11-36a-302(1)(a)(ii)

The proposed level of service is the performance standard used to evaluate system needs in the future. The Impact Fees Act indicates that the proposed level of service may:

1. diminish or equal the existing level of service; or
2. exceed the existing level of service if, independent of the use of impact fees, the District implements and maintains the means to increase the level of service for existing demand within six years of the date on which new growth is charged for the proposed level of service.

By definition, the proposed future level of service will be equal to the performance standard. No changes are proposed to the existing level of service. Table 3 presents the proposed level of service.

**Table 3
Proposed Performance Standards and Level of Service
for Various System Requirements**

	Proposed Performance Standard	Proposed Level of Service
Pipeline Capacity		
Maximum Ratio of Peak Flow Depth to Pipe Diameter	0.7	0.7
Treatment Capacity		
Available Plant Capacity – Average Day, Maximum Month Flow (gpd/ERU)	174	174

EXCESS CAPACITY TO ACCOMMODATE FUTURE GROWTH - 11-36A-302(1)(A)(III)

Projected future growth will be met through a combination of available excess capacity in existing facilities and construction of additional capacity in new facilities. This section will identify available excess capacity to serve future growth in the District's existing collection and treatment facilities.

Collection

To calculate the percentage of existing capacity to be used by future growth in existing facilities, existing and future flows were examined in a hydraulic computer model of the sewer collection system. The method used to calculate excess capacity available for use by future flows is as follows:

- 1. Calculate Flows** – The peak flow in the collection system was calculated in the model for both existing and future flows. The capacity at a 0.7 depth to diameter ratio of each pipeline was also calculated.
- 2. Identify Available Capacity** – Where a facility has capacity in excess of projected flows at buildout, the available capacity in the facility was defined as the difference between existing flows and buildout flows. Where the facility has capacity less than projected flows at buildout, the available capacity in the facility was defined as the difference between existing flows and the facility's maximum capacity.
- 3. Eliminate Facilities without Excess Capacity** – For the planning window period (in this case, 10 years), the projected growth in flow during the planning window was compared against the facility's available capacity. Where the future flow exceeded the capacity of the facility, the available excess capacity was assumed to be zero. By definition, this corresponds to those facilities with deficiencies that are identified in the facilities plan. By assigning a capacity of zero, this eliminated double counting those facilities against new users.
- 4. Calculate Percent of Excess Capacity Used in Remaining Facilities** – Where the future flow was less than the capacity of the facility, the percent of excess capacity being used in each facility was calculated by dividing the growth in flow in the facility (future flow less existing flow) by the total capacity (existing flow plus available capacity).
- 5. Calculate Excess Capacity for the System as a Whole** – Each pipeline in the system has a different quantity of excess capacity to be used by future growth. To develop an estimate of excess capacity on a system wide basis, the capacities of each of these pipelines and their contribution to the system as a whole must be considered. To do this, each pipeline must first

be weighted based on its actual cost. To accomplish this, each pipeline has been weighted based on the product of its diameter and length (which increase linearly in cost). For example, a pipe that is 36 inches in diameter and is 4,000 ft. long will cost proportionally more than a pipe that is 10 inches in diameter and 300 ft. long. The excess capacity in the system as a whole can then be calculated as the sum of the weighted capacity used by future growth divided by the sum of total weighted capacity in the system.

Based on the method described above, the amount of excess capacity in existing facilities available to accommodate future growth and the demands placed on the existing facilities by new development activity has been calculated for each element in the system by BC&A. As a whole, the calculated percentage of existing capacity in system facilities that is currently being used by existing users is 29.1 percent. Demands associated with growth during the 10-year planning window is calculated to use an additional 7.5 percent of the available excess capacity, with the remaining 63.4 percent of existing excess capacity to be used by demands associated with growth beyond the 10-year planning window.

Treatment

As documented in the master plan, the District will need additional wastewater treatment capacity to meet the projected growth within the service area. The existing wastewater lagoons have a total estimated capacity of 3.5 million gallons per day (MGD). Current peak month, average day flows in the system are estimated to be 2.56 MGD. Therefore, the existing lagoons are 73.0 percent utilized by existing users.

However, as identified in the master plan, the District is planning to construct 2 new wastewater treatment facilities to meet the needs of new growth over the next 10 years. Confluence Park WRF is currently under construction and will be put into operation in early 2026. The District is also planning to convert the existing lagoons to a mechanical treatment plant (Gateway WRF), which would replace the existing lagoon system. While there is currently excess capacity in the lagoons, the lagoons will be replaced within the 10-year planning window and customers will eventually be serviced by the new mechanical treatment facility. Therefore, no costs from the existing lagoons will be included in the impact fee facilities plan.

DEMANDS PLACED ON FACILITIES BY NEW DEVELOPMENT - 11-36a-302(a)(iv)

Growth within the District's service area and projections of sewer flows resulting from said growth is discussed in detail in the master plan. Growth in terms of equivalent residential units and dry weather sewer flows is summarized in Table 4.

Table 4
Projected System Growth in ERUs

Year	Projected ERUs	Estimated Sewer Flows (MGD)
2024	14,718	2.56
2029	20,067	3.49
2034	27,053	4.71
2040	37,493	6.52
2050	62,527	10.88

INFRASTRUCTURE REQUIRED TO MEET DEMANDS OF NEW DEVELOPMENT - 11-36A-302(1)(a)(v)

To satisfy the requirements of state law, the effect of demand placed upon existing system facilities by future development was evaluated using the process outlined below. Each of the steps were completed as part of this plan's development.

1. **Existing Demand** – The demand existing development places on the District's system was estimated based on historic water use and sewer flow records.
2. **Existing Capacity** – The capacity of existing facilities was estimated using pipe size and treatment capacity data provided by the District and a hydraulic computer model.
3. **Existing Deficiencies** – Existing deficiencies in the system were identified by comparing defined levels of service against calculated capacities. No facilities were identified as having an existing deficiency.
4. **Future Demand** - The demand future development will place on the system was estimated based on development projections as discussed in the master plan.
5. **Future Deficiencies** - Future deficiencies in the collection system were identified using the defined level of service and results from the computer model as discussed in the master plan.
6. **Recommended Improvements** – Needed system improvements were identified to meet demands associated with future development.

The steps listed above “identify demands placed upon existing public facilities by new development activity at the proposed level of service; and... the means by which the political subdivision or private entity will meet those growth demands” (Section 11-36a-302(1)(a) of the Utah Code).

10-Year Improvement Plan

In the master plan, capital facilities projects needed to provide service to various parts of the District service area in the future are identified. Many of these projects will need to be constructed in phases as development occurs. Only infrastructure to be constructed within a 10-year horizon will be considered in the calculation of impact fees to avoid uncertainty surrounding improvements further into the future. Tables 5 summarizes the projects identified in the capital facilities plan that will need to be constructed within the next ten years.

Table 5
Sewer System Project Costs Allocated to Projected Future Growth, 10-year Planning Window

CFP Project ID	Description	Estimated Total Project Cost	Percent to Existing	Percent to 10-yr Growth	Percent to Beyond 10-yr	Cost to Existing	Cost to 10 Year	Cost to beyond 10 Year
C4 - Reach 6	Install 700 feet of 36" pipe replacing the current trestle crossing.	\$805,000	2.6%	9.7%	87.7%	\$21,255	\$78,065	\$705,679
C7	Install 550 feet of 15" pipe replacing the current trestle crossing.	\$328,000	6.8%	9.0%	84.2%	\$22,434	\$29,396	\$276,170
C8	Replace 1,400 feet of 8" pipe with new 18" pipe.	\$685,000	6.8%	9.0%	84.2%	\$46,851	\$61,392	\$576,757
E5	Install 2,700 feet of 15-inch pipe	\$1,242,000	0.0%	13.0%	87.0%	\$0	\$161,226	\$1,080,774
E11	Construct 525 gpm Lift Station	\$1,495,000	0.0%	26.3%	73.7%	\$0	\$392,626	\$1,102,374
E12	Install 8,500 feet of 6-inch pressure sewer pipe	\$2,445,000	0.0%	26.3%	73.7%	\$0	\$642,121	\$1,802,879
E13	Install 5,500 feet of 10-inch pipe	\$2,277,000	0.0%	37.6%	52.9%	\$0	\$856,395	\$1,420,605
T1	Confluence Park Water Reclamation Facility, Phase 1	\$43,790,000	25.6%	21.5%	52.9%	\$11,214,518	\$9,398,498	\$23,176,983
T2	Gateway Water Reclamation Facility Phase 1	\$168,780,000	25.6%	21.5%	52.9%	\$43,224,170	\$36,224,676	\$89,331,154
T3	Confluence Park Water Reclamation Facility, Phase 2	\$21,895,000	25.6%	21.5%	52.9%	\$5,607,259	\$4,699,249	\$11,588,492
	Total Costs					\$60,136,488	\$52,543,646	\$131,061,866

¹ Refer to Figures 7-1 and 7-2 from the master plan for more information on the location of each project

Project Cost Attributable to Future Growth

To satisfy the requirements of state law, Table 5 provides a breakdown of the capital facilities projects and the percentage of the project costs attributed to existing users, users within the projected 10-year growth window, and users beyond the 10-year growth window. As defined in Section 11-36a-102(15), the impact fee facilities plan should only include the proportionate share of “the cost of public facilities that are roughly proportionate and reasonably related to the service demands and needs of any development activity.” In general, cost distribution for each project has been calculated using the growth projections described in the master plan and the results from the hydraulic computer model. Additional notes regarding specific projects are found below.

- **Project C4, C7, C8, E5, E12, and E13** – Cost distribution percentages for these projects are based on the existing and future utilization of each facility. Utilization percentages come from the hydraulic computer model results for existing and future scenarios. The master plan contains additional information regarding the estimated magnitude and distribution of future growth.
- **Project T-1, T-2, and T-3** – Currently, all wastewater flows from the system are collected and treated at the lagoons location in Hurricane. Treatment capacity needed to accommodate future growth will be met through the combination of two new water treatment facilities: Confluence Park Water Reclamation Facility (CPWRF) and Gateway Water Reclamation Facility (GWRF). GWRF will replace the existing treatment lagoons and will treat flow from existing and future users in the Hurricane Area. Confluence Park WRF will also treat flows from existing and future users. Therefore, the portion of the capacity of these new facilities that is attributable to existing users is not impact fee eligible. To calculate the percentages shown in Table 5, the total treatment capacity made available from these facilities was aggregated, and the proportionate share of demand from existing users, users to be added in the next 10 years, and users beyond the next 10 years was calculated based on the demand projections from the master plan. The combined capacity of the new facilities is 10 million gallons per day (MGD). Existing system flows are 2,560,977 MGD, which represents 25.6% of the total capacity of the system. 10-year growth is anticipated to utilize 21.5% of this capacity, with the remaining 52.9% of capacity available for growth beyond the 10-year planning window.

For CPWRF, the project was designed to be constructed in two phases, each with a capacity of 1.5 MGD, for a total capacity of 3 MGD. Phase 1 of the project that provides the first block of 1.5 MGD capacity included components sized for 3 MGD in order to facilitate future expansion and is more expensive on a “cost per MGD” basis than Phase 2 will be. To equitably distribute projects cost across all users, the total estimated project cost associated with the full 3 MGD plant has been used in the calculations. This approach was used to avoid over-charging users in the short-term and under-charging users in the long-term.

Basis of Construction Cost Estimates

The costs for projects to be completed within 10 years have been estimated based on past experience with projects of a similar nature and through coordination with District staff. Details associated with the cost estimates used for each project are contained in the master plan.

ADDITIONAL CONSIDERATIONS

MANNER OF FINANCING - 11-36a-302(2)

The District may fund the infrastructure identified in this IFFP through a combination of different revenue sources.

Federal and State Grants and Donations

Impact fees cannot reimburse costs funded or expected to be funded through federal grants and other funds that the District has received for capital improvements without an obligation to repay. The District acquired a grant for CPWRF in an amount of \$2,413,200. This grant was issued by the State of Utah. If additional grants become available for constructing facilities, impact fees will need to be recalculated and an appropriate credit given. Any existing infrastructure funded through past grants will be removed from the system value during the impact fee analysis.

Bonds

None of the costs contained in this IFFP include the cost of bonding. The cost of bonding required to finance impact fee eligible improvements identified in the IFPP may be added to the calculation of the impact fee. This will be considered in the impact fee analysis.

Interfund Loans

Because infrastructure must generally be built ahead of growth, there often arises situations in which projects must be funded ahead of expected impact fee revenues. In some cases, the solution to this issue will be bonding. In others, funds from existing user rate revenue will be loaned to the impact fee fund to complete initial construction of the project and will be reimbursed later as impact fees are received. Consideration of potential interfund loans will be included in the impact fee analysis and should also be considered in subsequent accounting of impact fee expenditures.

Impact Fees

It is recommended that impact fees be used to fund growth-related capital projects as they help to maintain the proposed level of service and prevent existing users from subsidizing the capital improvement needs for new growth. Based on this IFFP, an impact fee analysis will be able to calculate a fair and legal fee that new growth should pay to fund the portion of the existing and new facilities that will benefit new development.

Developer Dedications and Exactions

Developer exactions are not the same as grants. If a developer constructs a system improvement, dedicates land for a system improvement identified in this IFFP, or dedicates a public facility that is recognized to reduce the need for a system improvement, the developer will be entitled to an appropriate credit against that particular developer's impact fee liability or a proportionate reimbursement.

If the value of the credit is less than the development's impact fee liability, the developer will owe the balance of the liability to the District. If the recognized value of the improvements/land dedicated is more than the development's impact fee liability, the District must reimburse the difference to the developer.

It should be emphasized that the concept of impact fee credits pertains to system level improvements only. Developers will be responsible for the construction of project improvements (i.e. improvements not identified in the impact fee facilities plan) without credit against the impact fee.

Necessity of Improvements to Maintain Level of Service – 11-36a-302(3)

According to State statute, impact fees cannot be used to correct deficiencies in the District’s system and must be necessary to maintain the proposed level of service established for all users. Only those facilities or portions of facilities that are required to maintain the proposed level of service for future growth have been included in this IFFP. Additionally, any portion of projects being used to cure existing deficiencies or that provide a benefit to existing users that will be paid for through future user rates will be accounted for through an impact fee credit to be calculated as part of the impact fee analysis. This will result in an equitable fee as future users will not be expected to fund any portion of the facilities that will benefit existing residents.

School Related Infrastructure -11-36a-302(2)

As part of the noticing and data collection process for this plan, information was gathered regarding future development within the service, which would include new schools. Required public facilities to serve future schools have been included in the impact fee facilities plan and impact fee analysis.

Noticing and Adoption Requirements -11-36a-502

The Impact Fees Act requires that entities must publish a notice of intent to prepare or modify any IFFP. If an entity prepares an independent IFFP rather than include a capital facilities element in the general plan, the actual IFFP must be adopted by enactment. Before the IFFP can be adopted, a reasonable notice of the public hearing must be published at least 10 days before the actual hearing. A copy of the proposed IFFP must be made available in each public library within the service area during the 10-day noticing period for public review and inspection. Utah Code requires that the District must post a copy of the ordinance in at least three places. These places may include a city office and the public libraries within the District’s jurisdiction. Following the 10-day noticing period, a public hearing will be held, after which the District may adopt, amend and adopt, or reject the proposed IFFP.

IMPACT FEE CERTIFICATION - 11-36a-306(1)

This IFFP has been prepared in accordance with Utah Code Title 11, Chapter 36a (the “Impact Fees Act”), which prescribes the laws pertaining to the imposition of impact fees in Utah. The accuracy of this IFFP relies in part upon planning, engineering, and other source data, provided by the District and its designees.

In accordance with Utah Code Annotated, 11-36a-306(1), Bowen Collins & Associates makes the following certification:

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;
 - b. cost 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. Complies in each and every relevant respect with the Impact Fees Act.



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