



**BEAR LAKE SPECIAL SERVICE DISTRICT
2025 SEWER IMPACT FEE ANALYSIS**

May 2025



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Prepared by:

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CERTIFICATION OF IMPACT FEE ANALYSIS BY CONSULTANT

In accordance with Utah Code Annotated, § 11-36a-306, Jason Linford, P.E., on behalf of Sunrise Engineering, Inc., makes the following certification:

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. Cost of operation and maintenance for 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.

Dated: May 6, 2025

Sunrise Engineering, Inc.

By: 

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1.0 EXECUTIVE SUMMARY

Bear Lake Special Service District (BLSSD) commissioned this Impact Fee Analysis to properly allocate the cost of sanitary sewer system improvements to new development. An impact fee is a fee imposed on new developments to allocate the cost of expanding public infrastructure to accommodate the new development. This report has been completed in conjunction with the 2023 Wastewater Facility Plan, whereby future wastewater capital improvements have been identified and discussed in detail.

Not all costs of system improvements are allocable to future growth. Some system improvements increase the level of service for existing customers. Only that portion of system improvements which are allocable to future growth may be considered in calculating a reasonable impact fee. Impact fees are assessed per Equivalent Residential Connection or ERC.

2.0 INTRODUCTION

An impact fee is a fee imposed on new development to “mitigate the impact of the new development on public infrastructure.” Utah Code § 11-36a-102-9(a). Impact fees are subject to the restrictions within the Fifth Amendment of the U.S. Constitution prohibiting the taking of private property for public use without just compensation. To comply with the U.S. Constitution requires only that there be an “essential nexus” between the fee imposed and the protected interest, and that the fee imposed be “roughly proportional” to the burden created by the new development. See *Nollan v. California Coastal Commission*, 483 U.S. 825 (1987); and see *Dolan v. City of Tigard*, 512 U.S. 374 (1994).

The levy of impact fees in Utah is governed by the Utah Impact Fees Act codified as Utah Code § 11-36a and requires more specific analysis than that required by the U.S. Constitution. Before imposing an impact fee, a municipality or public service provider, such as Bear Lake Special Service District, must prepare a written analysis of each impact fee. An impact fee analysis is designed to proportionally allocate to new development that portion of the cost of new facilities that may be required or excess capacity of existing facilities. The Impact Fee Analysis must:

1. Identify the existing level of service.
2. Identify the anticipated impact on existing facilities by new development.
3. Demonstrate how those impacts are reasonably related to the anticipated development.
4. Estimate the proportionate share of costs to be recouped by the impact fee.
5. And identify how the impact fee was calculated.

Entities imposing impact fees must also prepare an impact fee facility plan unless excepted by statute. An impact fee facilities plan is not required if the municipality's general plan, under Utah Code 10-9a-401, contains the elements required by the Impact Fees Act. Municipalities serving less than 5,000 people and charging total impact fees of less than \$250,000 annually are not required to prepare an impact fee facilities plan. However, they must ensure that the impact fees "are based upon a reasonable plan that otherwise complies with the common law and [the other sections of the Impact Fees Act]." This Impact Fee Analysis has been prepared in conjunction with the BLSSD 2023 Wastewater Facility Plan.

Although the municipality may enact a lower impact fee than that justified by the Impact Fee Analysis, the municipality may not impose a fee higher than that justified in the analysis.

3.0 PURPOSE OF THIS IMPACT FEE ANALYSIS

The purpose of an impact fee is to offset the cost that a new development imposes on BLSSD's sewer system. This analysis reviews the cost of excess capacity in existing public facilities. A summary of the existing and future system components with excess capacity is included in Section 4.0 and Section 5.0 of the 2023 Wastewater Facility Plan.

This Impact Fee Analysis calculates the highest proportionate share of the cost of these public facilities, which may be reasonably allocated to new development.

4.0 METHODOLOGY

The impact fee for wastewater facilities is derived primarily from a plan-based method for future planned development; however, this analysis also considers cost recovery for excess capacity of current system components. The portion of the impact fee analysis which focuses on planned development estimates how the system projects will be financed. Should the actual financing of the project change from the estimated portion of grant versus debt, this analysis may require updating to ensure the impact fee assessed does not exceed the proportionate share of development's impact of the new facilities.

Impact fees may not be used for maintenance or repair of the existing system or for system improvements that increase the level of service to existing system users, unless the improvements provide additional system capacity that directly supports new development. Impact fees may not be used to recoup more than the actual public facility costs incurred or those projected to be incurred "within six years after the day on which each impact fee is paid." Also, impact fees must

include an offset for grants or other alternative sources of payment and may not include expenses for operation and maintenance or for overhead, unless overhead expenses are calculated using a methodology consistent with generally accepted cost accounting practices and the standards accepted by the federal Office of Management and Budget for federal grant reimbursement.

Accordingly, this analysis:

1. Determines the actual cost incurred or to be incurred within six years of the date of this report.
2. Sets forth existing levels of service.
3. Does not include any general overhead expenditures or costs for operation of the facilities.
4. Offsets for potential grant for proposed projects.
5. And includes an analysis of the prior completed projects which remain impact fee eligible.

To determine the proportionate share of the cost to new development, this analysis reviews current and past demographic trends and provides a projection for future growth within the BLSSD service area for the next 30 years. Capacity of the current system and excess capacity of each new system component that will be used in this analysis are based upon data provided in the 2023 Wastewater Facility Plan, prepared by Sunrise Engineering for BLSSD. Costs of the proposed public facilities are calculated based upon an engineer's opinion of probable cost. Due to the recently experienced increasing inflation, the engineer's opinion of probable costs has been updated to reflect costs during which year the project will be constructed.

Because sanitary sewer loads of multi-family, industrial, and commercial connections vary widely, excess capacity of system components is expressed in terms of equivalent residential connections (ERCs), sometimes referred to as equivalent residential units (ERUs). An ERC is equivalent to what would be collected from a typical single-family residence. ERUs are different for each type of public facility and are more particularly described in Section 5.0 of this analysis.

5.0 PROJECTED WASTEWATER CONNECTIONS AND ERUS

In BLSSD's 2023 Wastewater Facility Plan, Sunrise Engineering studied historic census data and determined that a 2.5% growth rate should be used for population projection. According to the Facility Plan, BLSSD's existing system ERU value is 4,874. This includes residential connections, commercial connections, short-term rental connections and camp sites & RV parks. By the end of the 30-year planning period in 2053, BLSSD is estimated to have a total ERU value of 8,956.

The value of Equivalent Residential Units is important to the impact fee analysis because impact fees are collected by each new development. A new development can be viewed as one ERU unit if the development's size and water use pattern is similar to a typical residential connection. In addition, the existing system's and proposed system's level of service is quantified by calculating how many ERU's the system can serve. Once the level of service has been determined for the existing and future system, the proportionate shared cost from new developments can be identified and calculated.

6.0 ELIGIBLE CAPITAL IMPROVEMENT PROJECTS

The 2023 Wastewater Facility Plan analyzed the existing sewer system and identified a list of capital improvement projects that would address system deficiencies and better serve the future growing population. Table 1 below shows all the projects that are included in this impact fee analysis. All projects in this list are at least partially eligible for impact fee.

Table 1 Impact Fee Eligible Capital Improvement Projects

Project Name	Opinion of Probable Construction Cost (OPCC) in Current Dollars	Inflated Opinion of Probable Construction Cost (OPCC) in Future Dollars
Lift Station #12	\$2,262,464 (actual project cost)	N/A
Lagoon Cell 6 Construction	\$2,118,000	\$2,834,361.77
Lagoon Cell 4 Conversion	\$382,000	\$511,202.17
Sewershed #7 Collection System	\$660,000	\$936,222.61
Sewershed #6 Collection System	\$614,000	\$870,970.73
Sewershed #5 Collection System	\$1,888,000	\$2,678,164.08
Sewershed #4 Collection System	\$345,000	\$489,389.09

6.1 LIFT STATION #12

Lift Station #12 is a new lift station that the District recently built. Construction was finished in Spring 2025. The main reason for the construction of this lift station was to relieve the burden from the existing Lift Station #7. Currently, all flow from the system goes through Lift Station #7 up to the lagoons for treatment. Lift Station #7 is beginning to be overwhelmed with the demands as growth has exceeded the projections over the last 10 years or so. Lift Station #12 will be the main lift station once it becomes operational. Lift Station #12 also provides redundancy in conjunction with Lift Station #7. The existing system is able to handle all existing flows at its current condition. Although this project is not a proposed project for the future, it is an

improvement made to address impacts caused by new developments. The Utah Impact Fees Act allows collection of costs of public facilities that are “actually incurred”. The construction of Lift Station #12 is solely triggered by future growth. Therefore this project is 100% eligible for impact fee.

6.2 LAGOON CELL 6 CONSTRUCTION

As described in Section 5 of the 2023 Wastewater Facility Plan, Sunrise Engineering recommends the construction of a new 14-acre lagoon cell (Lagoon Cell 6) to provide additional hydraulic capacity for future growth. This cell will provide sufficient hydraulic capacity until the year 2039. This project is 100% eligible for impact fee. A 6% yearly inflation rate for 5 years has been applied to the cost of this project to account for potential cost inflations before the construction of the project is complete.

6.3 LAGOON CELL 4 CONVERSION

As described in Section 5 of the 2023 Wastewater Facility Plan, Sunrise Engineering recommends converting Lagoon Cell 4 into a primary cell to allow for additional BOD treatment. Based on the 2.5% growth rate, the biological loading will require an additional primary cell in 8 years. This cell will provide sufficient BOD treatment until the year 2044. This project is 100% eligible for impact fee. A 6% yearly inflation rate for 5 years has been applied to the cost of this project to account for potential cost inflations before the construction of the project is complete.

6.4 SEWERSHED #7 COLLECTION SYSTEM – DIVERT VIA EASEMENT

In the Facility Plan, Collection System 7 proposed replacing and upsizing the gravity main from the outfall of the force main from Lift Station #6 to the 18-inch line going into Lift Station #7. This original alternative has an overall cost of \$3,784,609 when accounting for inflation. Since the facility plan, another option has been explored by the District that would decrease the cost of the improvement by securing an easement across private property and realigning the collection system.

The improvements to Collection System 7 include upsizing a stretch of approximately 640 feet of the existing 12-inch sewer line to 18-inch. Replacing the 12-inch sewer line with a new 18-inch sewer line would start at the outfall of the force main from Lift Station #6. At the location 640 feet downstream of the outfall of the force main from Lift Station #6, a flow splitting structure would be installed. This structure will allow for 750 gpm to be sent from Collection System 7 to Lift

Station #12. The remaining 250 gpm from Lift Station #6 and any other flows into Collection System 7 would continue to Lift Station #7.

To send flows from Collection System 7 to Lift Station #12, approximately 870 feet of 18-inch sewer line would need to be installed from the flow splitting structure to connect to the collection system for Lift Station 12. This line would run through private property, and an easement would need to be obtained to allow for the required construction.

In the existing condition, the Collection System 7 main line has poor capacity due to the high flows coming from Lift Station #6. With the proposed improvements to Collection System 7, the upsized lines will have better capacity. The existing system serves 4,874 ERUs. However, the capacity of the existing system only allows it to serve 3,899 ERUs by design. Although capacity has been exceeded, the existing system does not experience any overflows. The current system deficiency is calculated at 975 ERUs. The proposed system is capable of serving 8,956 ERUs by 2053. The capacity increase is 5,057 ERUs. The proportionate shared cost of the Collection System #7 project is the ratio of the capacity dedicated to new developments minus existing system deficiency, to the overall system capacity. Therefore, this project is 46% eligible for impact fee. A 6% yearly inflation rate for 6 years has been applied to the cost of this project to account for potential cost inflations before the construction of the project is complete.

6.5 SEWERSHED #4, #5 AND #6 COLLECTION SYSTEMS

This project improves capacity by upsizing existing sewer mains inside Sewershed #4, #5 and #6. The flow in these three sewersheds currently exceed capacity but do not cause overflows in the system yet. This indicates that improvement projects for the three sewersheds are only partially eligible for impact fee because part of the project will also address existing system deficiencies. The diurnal curve in the model has been reduced in order to find the design capacity of the system when the maximum flow depth over pipe diameter does not exceed 0.7. The reduction in flow is identified as the current system's deficiency and should be deducted out from the proposed system overall capacity in order to calculate the proportionate shared cost by new developments. Using this methodology, it is calculated that Sewershed #4, #5 and #6 are 50%, 70% and 60% eligible for impact fee, respectively. A 6% yearly inflation rate for 6 years has been applied to the cost of this project to account for potential cost inflations before the construction of the project is complete.

7.0 IMPACT FEE CALCULATION

The impact fee calculation, before considering any credits, is calculated simply by dividing the total allocable cost by the total number of ERCs served by the excess capacity provided by the improvements.

Costs of the proposed public facilities are calculated based upon an engineer's opinion of probable cost. Due to the expected yearly inflations, the engineer's opinion of probable costs was updated to reflect costs of 2030 and 2031, where it is estimated that all the projects included in this impact fee analysis will be complete. The engineer's opinion of probable costs are found in Appendix A.

Since the District will need to acquire loans in order to construct these projects, the total cost of each project reflects the total cost of the loan based on a 40-year term with 3.125% interest. Appendix B shows how the impact fee is calculated. The calculated impact fee is **\$6,061.76**.

8.0 IMPACT FEE CREDIT

Because a portion of future monthly usage rates may be used to service debt payments for current and proposed infrastructure, a reasonable impact fee should take into account any portion paid by new users through debt service payments.

Since the total loan payment per year is less than the expected impact fee received per year, the District does not need to increase their monthly usage rates for service debt payments. Therefore, an impact fee credit is not applicable in this scenario. However, if actual growth is slower than the predicted growth, the District will need to increase their service rates and an impact fee credit can be issued to new developments.

9.0 RECOMMENDED SEWER IMPACT FEE

The total impact fee allowable for the wastewater system is the sum of the allocable costs for excess system capacity and new projects less any credits. In this case, the sum of the impact fees for wastewater projects equals \$6,061.76, rounded down for a recommended impact fee of **\$6,050.00**.

10.0 CONCLUSION AND RECOMMENDATIONS

Sunrise Engineering recommends the maximum reasonable impact fee for BLSSD's wastewater system to be no more than **\$6,050.00** per ERC provided in Section 9.0. The impact fee is to be in addition to, and separate from, connections fees.

Before enacting the actual impact fee, BLSSD should take into consideration the relationship between impact fees and future growth because an impact fee can influence the growth in a community. Higher impact fees discourage growth, while lower impact fees encourage growth but provide reduced funds per ERC and require that growth be subsidized by user rates. The actual impact fee should be set around the calculated impact fee to comply with State Law and still meet the funding requirements.

A residential connection represents 1 ERC, and no residential or commercial connection should pay less than the amount of impact fee charged for a residential connection. It is recommended that the impact fee charged for non-residential connections should be proportional to how much water discharge is expected compared to a typical residential connection.

The impact fee that is adopted based on this Impact Fee Analysis should be charged to new connections until any of the following events occur:

1. New system improvements (other than those included in Section 6.0) are anticipated within six years, and therefore become eligible for inclusion in the impact fee calculation;
2. The Impact Fee Analysis is otherwise reviewed and updated. It is recommended that it be updated every five years at a minimum.
3. If growth does not happen as anticipated, the user rates will need to be increased significantly. This will impact the amount of user credit applied to the impact fee, and this analysis will need to be revisited and a new fee assessed.

Bear Lake Special Service District has experienced steady growth over the past two decades and continual growth is expected. In addition to residential growth, the District should also anticipate commercial growth which may place additional demands on the wastewater system. This impact fee analysis will help the District apportion the costs of system improvements and expansion to the new growth that the improvements will serve.

APPENDIX A – IMPACT FEE CALCULATION

Bear Lake Special Service District Proposed Impact Fee

Impact Fee Plan - Option 2-D

4/15/2025

Impact Fee Eligible Capital Improvement Projects

Lift Station #12	\$ 2,262,464.00
Lagoon Cell 6 Construction	\$ 2,834,361.77
Lagoon Cell 4 Conversion	\$ 511,202.17
Sewershed #7 - Divert via Easement	\$ 936,222.61
Sewershed #6 Collection System	\$ 870,970.73
Sewershed #5 Collection System	\$ 2,678,164.08
Sewershed #4 Collection System	\$ 489,389.09

Total Impact Fee Eligible Projects \$ 10,582,774.47

Lift Station #12

Existing System ERUs	4874 ERUs
Proposed ERUs upon Project Completion	7266 ERUs
Impact Fee Eligible ERUs	2392 ERUs

% Eligible for Impact Fee	100%
Total Cost of Project	\$ 2,262,464.00
Previously Collected Impact Fee	\$ 1,865,600.00
Impact Fee Eligible Cost	\$ 396,864.00
Impact Fee	\$ 165.93

Lagoon Cell 6 Construction

Existing System ERUs	5529 ERUs
Proposed ERUs upon Project Completion	6822 ERUs
Impact Fee Eligible ERUs	1293 ERUS

% Eligible for Impact Fee	100%
Total Cost of Loan	\$ 5,004,448.72
Impact Fee Eligible Cost	\$ 5,004,448.72
Impact Fee	\$ 3,870.42

Lagoon Cell 4 Conversion

Existing System ERUs	5529 ERUs
Proposed ERUs upon Project Completion	6822 ERUs
Impact Fee Eligible ERUs	1293 ERUs

% Eligible for Impact Fee	100%
Total Cost of Loan	\$ 902,596.51
Impact Fee Eligible Cost	\$ 902,596.51
Impact Fee	\$ 698.06

Sewershed #7 - Divert via Easement

Estimated New Developments	4082 ERUs
Percentage of Capacity due to New Developments (minus Existing System Deficiency)	46 %

% Eligible for Impact Fee	46%
Total Cost of Loan	\$ 1,653,027.54
Impact Fee Eligible Cost	\$ 753,423.23
Impact Fee	\$ 184.57

Sewershed #6 Collection System

Estimated New Developments	4082 ERUs
Percentage of Capacity Increase due to New Developments (minus Existing System Deficiency)	60 %

% Eligible for Impact Fee	60%
Total Cost of Loan	\$ 1,537,816.53
Impact Fee Eligible Cost	\$ 922,689.92
Impact Fee	\$ 226.04

Sewershed #5 Collection System

Estimated New Developments	4082 ERUs
Percentage of Capacity Increase due to New Developments (minus Existing System Deficiency)	70 %

% Eligible for Impact Fee	70%
Total Cost of Loan	\$ 4,728,660.59
Impact Fee Eligible Cost	\$ 3,310,062.42
Impact Fee	\$ 810.89

Sewershed #4 Collection System

Estimated New Developments	4082 ERUs
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Percentage of Capacity Increase due to New Developments 50 %
(minus Existing System Deficiency)

% Eligible for Impact Fee	50%
Total Cost of Loan	\$ 864,082.58
Impact Fee Eligible Cost	\$ 432,041.29
Impact Fee	\$ 105.84

Total Proposed Impact Fee	\$ 6,061.76
Impact Fee Credit	\$ -
Effective Impact Fee	\$ 6,050.00

APPENDIX B – ENGINEER’S OPINION OF PROBABLE COSTS

SUNRISE ENGINEERING, INC.
CONSULTING ENGINEERS AND SURVEYORS



Opinion of Probable Cost

Project: New Lagoon Cell

Project No.: S08472

Date: 3/22/2023

Owner: Bear Lake Special Service District

Sheet: 1 of 1

By: ATO

ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Cell Construction				
1	Mobilization	1	L.S.	\$ 74,400.00	\$ 74,400
2	Clearing and Grubbing	1	L.S.	\$ 10,000.00	\$ 10,000
3	Earthwork Excavation	65,000	C.Y.	\$ 10.00	\$ 650,000
4	Earthwork Dike Construction	25,000	C.Y.	\$ 6.00	\$ 150,000
5	Import and Place Clay Liner	23,000	C.Y.	\$ 20.00	\$ 460,000
6	Import and Place Rip Rap	1,150	C.Y.	\$ 40.00	\$ 46,000
7	Transfer Structure	1	Each	\$ 20,000.00	\$ 20,000
8	Slide Gate	2	Each	\$ 4,500.00	\$ 9,000
9	10" Sewer Pipe	200	L.F.	\$ 95.00	\$ 19,000
10	Splash Pad	1	Each	\$ 1,600.00	\$ 1,600
11	Inlet Control Structure	1	Each	\$ 30,000.00	\$ 30,000
12	Reseeding	1	Acre	\$ 500.00	\$ 500
13	Import Road Base	700	C.Y.	\$ 30.00	\$ 21,000
14	Remove Chain Link Fence	1,600	L.F.	\$ 5.00	\$ 8,000
15	Chain Link Fence	1,750	L.F.	\$ 30.00	\$ 52,500
16	Materials Testing	1	L.S.	\$ 10,000.00	\$ 10,000
	SUBTOTAL				\$ 1,562,000
17	Construction Contingency	1	L.S.	\$ 235,000	\$ 235,000
	CONSTRUCTION TOTAL				\$ 1,797,000
18	Preliminary Engineering/Survey Costs	1	L.S.	\$ 15,000	\$ 15,000
19	Engineering Design	1	L.S.	\$ 180,000	\$ 180,000
20	Construction Inspection	1	L.S.	\$ 90,000	\$ 90,000
21	Property Acquisition	1	L.S.	\$ 18,000	\$ 18,000
22	Legal & Fiscal	1	L.S.	\$ 18,000	\$ 18,000
	TOTAL COST				\$ 2,118,000

SUNRISE ENGINEERING, INC.
CONSULTING ENGINEERS AND SURVEYORS



Opinion of Probable Cost

Project: Lagoon Cell 4 Conversion

Project No.: S08472

Date: 3/22/2023

Owner: Bear Lake Special Service District

Sheet: 1 of 1

By: ATO

ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Cell Construction				
1	Mobilization	1	L.S.	\$ 12,650.00	\$ 12,650
2	48" Manhole	5	Each	\$ 3,000.00	\$ 15,000
3	Transfer Structure	1	Each	\$ 20,000.00	\$ 20,000
4	Slide Gate	2	Each	\$ 4,500.00	\$ 9,000
5	8" Sewer Pipe	950	L.F.	\$ 75.00	\$ 71,250
6	10" Sewer Pipe	1,000	L.F.	\$ 95.00	\$ 95,000
7	Splash Pad	1	Each	\$ 1,600.00	\$ 1,600
8	Inlet Control Structure	1	Each	\$ 30,000.00	\$ 30,000
9	Reseeding	1	Acre	\$ 500.00	\$ 500
10	Import Road Base	500	C.Y.	\$ 30.00	\$ 15,000
	SUBTOTAL				\$ 270,000
11	Construction Contingency	1	L.S.	\$ 41,000	\$ 41,000
	CONSTRUCTION TOTAL				\$ 311,000
12	Preliminary Engineering/Survey Costs	1	L.S.	\$ 15,000	\$ 15,000
13	Engineering Design	1	L.S.	\$ 32,000	\$ 32,000
14	Construction Inspection	1	L.S.	\$ 16,000	\$ 16,000
15	Property Acquisition	1	L.S.	\$ 4,000	\$ 4,000
16	Legal & Fiscal	1	L.S.	\$ 4,000	\$ 4,000
	TOTAL COST				\$ 382,000

SUNRISE ENGINEERING, INC.
CONSULTING ENGINEERS AND SURVEYORS



Opinion of Probable Cost

Project: Collection System 7 - Divert via Easement

Project No.: S08472

Date: 4/22/2025

Owner: Bear Lake Special Service District

Sheet: 1 of 1

By: ATO

ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Sewershed #7				
1	Mobilization	1	L.S.	\$ 43,900.00	\$ 43,900
2	Diversion Structure/MH	1	L.S.	\$ 15,000.00	\$ 15,000
3	18" Sewer Pipe	1,520	L.F.	\$ 160.00	\$ 243,200
4	Traffic Control	1	L.S.	\$ 8,800.00	\$ 8,800
5	Flowable Fill	722	C.Y.	\$ 150.00	\$ 108,333
6	Asphalt Removal & Replacement	578	S.Y.	\$ 35.00	\$ 20,222
	SUBTOTAL				\$ 439,456
7	Construction Contingency (20%)	1	L.S.	\$ 88,000	\$ 88,000
	CONSTRUCTION TOTAL				\$ 527,456
8	Preliminary Engineering/Survey Costs	1	L.S.	\$ 15,000	\$ 15,000
9	Engineering Design	1	L.S.	\$ 53,000	\$ 53,000
10	Construction Inspection	1	L.S.	\$ 27,000	\$ 27,000
11	Property Acquisition	1	L.S.	\$ 32,000	\$ 32,000
12	Legal & Fiscal	1	L.S.	\$ 3,000	\$ 3,000
	TOTAL COST (ROUNDED)				\$ 660,000

SUNRISE ENGINEERING, INC.
CONSULTING ENGINEERS AND SURVEYORS



Opinion of Probable Cost

Project: Sewershed #6 Improvements

Project No.: S08472

Date: 4/22/2025

Owner: Bear Lake Special Service District

Sheet: 1 of 1

By: ATO

ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Sewershed #6				
1	Mobilization	1	L.S.	\$ 20,200.00	\$ 20,200
2	18" Sewer Pipe	760	L.F.	\$ 160.00	\$ 121,600
3	Pumps & Controls	1	L.S.	\$ 140,000.00	\$ 140,000
4	Traffic Control	1	L.S.	\$ 8,700.00	\$ 8,700
5	Flowable Fill	760	L.F.	\$ 150.00	\$ 114,000
6	Asphalt Removal & Replacement	760	L.F.	\$ 35.00	\$ 26,600
	SUBTOTAL				\$ 431,100
7	Construction Contingency	1	L.S.	\$ 87,000	\$ 87,000
	CONSTRUCTION TOTAL				\$ 518,100
8	Preliminary Engineering/Survey Costs	1	L.S.	\$ 5,000	\$ 5,000
9	Engineering Design	1	L.S.	\$ 52,000	\$ 52,000
10	Construction Inspection	1	L.S.	\$ 26,000	\$ 26,000
11	Property Acquisition	1	L.S.	\$ 6,000	\$ 6,000
12	Legal & Fiscal	1	L.S.	\$ 6,000	\$ 6,000
	TOTAL COST				\$ 614,000

SUNRISE ENGINEERING, INC.
CONSULTING ENGINEERS AND SURVEYORS



Opinion of Probable Cost

Project: Sewershed #5 Improvements

Project No.: S08472

Date: 4/22/2025

Owner: Bear Lake Special Service District

Sheet: 1 of 1

By: ATO

ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Sewershed #5				
1	Mobilization	1	L.S.	\$ 62,700.00	\$ 62,700
2	18" Sewer Pipe	3,380	L.F.	\$ 160.00	\$ 540,800
3	Pumps & Controls	1	L.S.	\$ 120,000.00	\$ 120,000
4	Traffic Control	1	L.S.	\$ 23,400.00	\$ 23,400
5	Flowable Fill	3,380	L.F.	\$ 140.00	\$ 473,200
6	Asphalt Removal & Replacement	3,380	L.F.	\$ 35.00	\$ 118,300
	SUBTOTAL				\$ 1,338,400
7	Construction Contingency	1	L.S.	\$ 268,000	\$ 268,000
	CONSTRUCTION TOTAL				\$ 1,606,400
8	Preliminary Engineering/Survey Costs	1	L.S.	\$ 5,000	\$ 5,000
9	Engineering Design	1	L.S.	\$ 161,000	\$ 161,000
10	Construction Inspection	1	L.S.	\$ 81,000	\$ 81,000
11	Property Acquisition	1	L.S.	\$ 17,000	\$ 17,000
12	Legal & Fiscal	1	L.S.	\$ 17,000	\$ 17,000
	TOTAL COST				\$ 1,888,000

SUNRISE ENGINEERING, INC.
CONSULTING ENGINEERS AND SURVEYORS



Opinion of Probable Cost

Project: Sewershed #4 Improvements

Project No.: S08472

Date: 2/21/2023

Owner: Bear Lake Special Service District

Sheet: 1 of 1

By: ATO

ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Sewershed #4				
1	Mobilization	1	L.S.	\$ 11,300.00	\$ 11,300
2	15" Sewer Pipe	500	L.F.	\$ 125.00	\$ 62,500
3	Pumps & Controls	1	L.S.	\$ 70,000.00	\$ 70,000
4	Traffic Control	1	L.S.	\$ 4,500.00	\$ 4,500
5	Flowable Fill	500	L.F.	\$ 150.00	\$ 75,000
6	Asphalt Removal & Replacement	500	L.F.	\$ 35.00	\$ 17,500
	SUBTOTAL				\$ 240,800
7	Construction Contingency	1	L.S.	\$ 49,000	\$ 49,000
	CONSTRUCTION TOTAL				\$ 289,800
8	Preliminary Engineering/Survey Costs	1	L.S.	\$ 5,000	\$ 5,000
9	Engineering Design	1	L.S.	\$ 29,000	\$ 29,000
10	Construction Inspection	1	L.S.	\$ 15,000	\$ 15,000
11	Property Acquisition	1	L.S.	\$ 3,000	\$ 3,000
12	Legal & Fiscal	1	L.S.	\$ 3,000	\$ 3,000
	TOTAL COST				\$ 345,000