Handout

Agenda Item

Date April 15, 202

# **DRAFT FINAL REPORT**





Las Gallinas Valley Sanitary District Wastewater Cost of Service Study April 2021





April 13, 2021

Mr. Dale McDonald Administrative Services Manager Las Gallinas Valley Sanitary District 101 Lucas Valley Road, Suite 300 San Rafael, CA 94903

Subject: 2021 Sewer Rate Study Draft Final Report

Dear Mr. McDonald:

HDR Engineering, Inc. (HDR) is pleased to present to Las Gallinas Valley Sanitary District (District) the draft final report for the 2021 Sewer Rate Study (Study). The Study objectives were to develop cost-based and equitable rates for Board consideration and develop a two-year rate schedule that will result in sufficient revenue to fund the operating and capital needs of the sewer utility. This report outlines the approach, methodology, findings, and conclusions of the comprehensive rate study process.

The costs associated with providing sewer services to the District's customers were developed based on the District's specific information and is included within the development of the proposed rates. This study was developed utilizing industry recognized generally accepted rate setting principles and methodologies as outlined in the Water Environment Federation's Manual of Practice No. 27. This report provides the basis for developing and implementing sewer rates that are cost-based, equitable, and proportional to the District's customers.

We appreciate the assistance provided by the District's project team and Board in the development of this study. More importantly, HDR appreciates the opportunity to provide these technical and professional services to the District.

Sincerely yours,

HDR Engineering, Inc.

Shawn Koorn

Associate Vice President

hdrinc.com

w W



# **Executive Summary**

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# **Technical Appendix**



#### Introduction

HDR Engineering, Inc. (HDR) was retained by Las Gallinas Valley Sanitary District (District) to conduct a comprehensive sewer rate study (Study). The main objectives of the Study are:

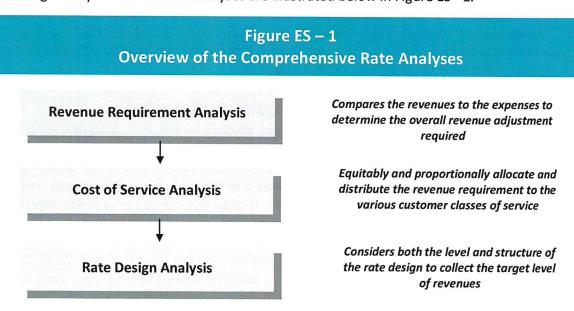
- Develop a projection of sewer revenues to support the District's operating and capital costs
- Proportionally allocate the costs of providing sewer services to those customers receiving service
- Propose cost-based and equitable rates for a multi-year time period

It is important to note that the results shown in this report are based on information available at "a point in time". That is to say that if the information available at a later date has changed then the results of the analysis would likely also change or differ from those presented in this report.

The District owns, operates, and maintains the sewer system which provides services to its customers. The costs associated with providing sewer services to District's customers have been developed based on the provided information and is included within the development of the proposed rates.

## **Overview of the Rate Study Process**

A rate study uses three interrelated analyses to address the adequacy and equity of the utility's rates. These three analyses are a revenue requirement analysis, a cost of service analysis, and a rate design analysis. These three analyses are illustrated below in Figure ES - 1.



The above basic framework that was utilized in the development of the Study for reviewing and evaluating the District's sewer rates. A key aspect of the approach is utilizing generally accepted approaches and tailoring it to the District's specific customer characteristics. The result of each task of the rate study were used as the basis for establishing cost-based and equitable rates for the District's customers.

#### **Key Sewer Rate Study Results**

The sewer rate study's technical analyses were developed based on the operating and capital costs necessary to provide service to District's customers. The analyses performed resulted in the following findings, conclusions, and recommendations.

- A revenue requirement analysis was developed for the sewer utility for the projected time period of 2020-21 through 2029-30
- The District's adopted 2020-21 budget for the sewer utility was used as the starting point of the analyses
- Operation and maintenance expenses are projected to increase at inflationary levels
  - Additional staff (FTEs) are assumed in 2021-22
- The District's capital improvement plan for the sewer utility was used to develop a capital funding plan
- A two-year rate transition plan was developed to adequately fund the utility
  - Annual revenue adjustments are necessary to fund the operating and capital needs of each utility
- A cost of service analysis was developed to determine the appropriate level of revenue to collect from each customer class of service
- Proposed sewer rates were developed for 2021-22 and 2022-23 that reflected the equity and proportionality as developed in the cost of service analysis while collecting the target level of revenues from the revenue requirement analyses

# Summary of the Sewer Revenue Requirement Analysis

The District's sewer utility revenue requirement analysis is the first analytical step in the comprehensive rate study process. The revenue requirement analysis – in general terms - determines the adequacy of the current sewer rates to fund current and future costs related to both operating and maintenance (O&M) expenses and capital improvement needs. From this analysis, a determination can be made as to the overall level of sewer revenue adjustments needed to provide adequate and prudent funding for the sewer utility.

For this Study, the revenue requirement was developed for the budgeted year 2020-21 and a projected time period (2021-22-2029-30). As a practical matter, a multi-year time frame is recommended in an attempt to identify any major expenses that may be on the horizon. By anticipating future financial requirements, the District may begin planning for these changes sooner, thereby minimizing short-term rate impacts and overall long-term rate levels. The focus

of this study is on the next two-year period of 2021-22 and 2022-23 for the development of the proposed sewer rates.

For the sewer revenue requirement analysis, a "cash basis" approach was utilized. The "cash basis" approach is the most commonly used methodology by municipal utilities to set their revenue requirement. Under this approach, the revenues of the utility must be sufficient to recover all cash needs, including annual O&M expenses, rate funded capital, net debt service, and reserve funding (transfers) on an annual basis. The primary financial inputs in the development of the revenue requirement were the District's adopted 2020-21 budget documents, historical billed customer and usage data, and the District's sewer capital improvement plan. Budgeted O&M expenses were projected using inflationary factors for the District's various expenses to provide sewer collection and treatment services over the review period. These inflationary factors were based on specific historical District increases in costs and projected changes based on planning and financial analysis.

The next step is the development of the capital funding plan for the sewer utility over the projected time period. The proper and adequate funding of capital projects is important to help minimize rate increases over time. A general financial guideline is that at a minimum, a utility should fund an amount equal to, or greater than, the annual depreciation expense through rates. The District is targeting a "pay-as-you-go" (rate) funding approach as part of the capital improvement plan to maintain the sewer system (e.g., renewal and replacement needs). This capital funding plan has placed the District's rate funding for capital improvements at an average of \$4.5 million, annually over the projected time period. In developing this financial plan, HDR and the District have attempted to minimize rate impacts while also funding the necessary capital improvement plan projects. HDR has worked with the District's staff to develop the proposed capital funding plan. In developing the sewer capital funding plan, HDR is not acting in a municipal advisory role to the District.

Given a projection of O&M expenses and capital funding analysis, a summary of the sewer revenue requirement analysis was developed. Provided below in Table ES - 1 is a summary of the revenue requirement analysis for the District's sewer utility.

| Table ES - 1                                              |  |
|-----------------------------------------------------------|--|
| Summary of the Sewer Revenue Requirement Analysis (\$000) |  |

|                               | 2020-21  | 2021-22   | 2022-23   | 2023-24   | 2024-25   | 2025-26   |
|-------------------------------|----------|-----------|-----------|-----------|-----------|-----------|
| Revenues                      |          |           |           |           |           |           |
| Rate Revenues                 | \$15,290 | \$15,290  | \$15,366  | \$15,443  | \$15,520  | \$15,598  |
| Other Revenues                | 1,621    | 1,989     | 2,043     | 2,043     | 2,037     | 2,055     |
| Total Revenues                | \$16,911 | \$17,279  | \$17,409  | \$17,486  | \$17,557  | \$17,652  |
| Expenses                      |          |           |           |           |           |           |
| Total O & M                   | \$8,828  | \$10,935  | \$11,292  | \$11,661  | \$12,043  | \$12,437  |
| Rate Funded Capital           | 3,250    | 3,250     | 5,000     | 6,100     | 7,750     | 6,000     |
| Net Debt Service              | 4,805    | 4,351     | 4,201     | 4,912     | 4,924     | 4,926     |
| Reserve Funding               | 28       | 196       | (26)      | (355)     | (366)     | 1,900     |
| Total Expenses                | \$16,911 | \$18,732  | \$20,467  | \$22,318  | \$24,350  | \$25,264  |
| Bal. / (Def.) of Funds        | \$0      | (\$1,453) | (\$3,058) | (\$4,833) | (\$6,793) | (\$7,611) |
| Bal as a % of Rate Adj. Req'd | 0.0%     | 9.5%      | 19.9%     | 31.3%     | 43.8%     | 48.8%     |
| Proposed Rate Adjustment      | 0.0%     | 9.5%      | 9.5%      | 9.5%      | 9.5%      | 3.5%      |
| Add'l Rev with Rate Adj.      | \$0      | \$1,453   | \$3,058   | \$4,833   | \$6,793   | \$7,611   |
| Bal. / (Def.) After Rate Adj. | \$0      | \$0       | (\$0)     | \$0       | \$0       | \$0       |

As can be seen, the revenue requirement has summed the annual O&M expenses, rate funded capital, net debt service, and reserve funding. The total revenue requirement is then compared to the total sources of funds which include the rate revenues, at present rate levels, and other miscellaneous revenues. From this comparison, a balance or deficiency of funds in each year can be determined. The "Bal. / (Def.) of Funds" row is cumulative. That is, any adjustment to rate revenues in the initial years will reduce the deficiency in the later years, assuming expenses remain the same. Over this Study time period, revenues are deficient annually in 2021-22 through 2025-26 prior to any rate revenue adjustments.

Based on the revenue requirement analysis developed herein, and based on discussion with District staff and Board, the level of sewer revenues will need to be adjusted over the next two years (2021-22 –2022-23). HDR has reached this conclusion for the following reasons:

- Adjustments are necessary to fund the District's annual sewer O&M expenses
- Adjustments are necessary to maintain prudent funding of capital improvement and renewal and replacement needs of the sewer utility
- The proposed adjustments maintain the strong financial health of the District's sewer utility (e.g., debt service coverage ratios, reserves) and provide long-term, sustainable funding levels for sewer utility operating and capital expenses

In reaching this conclusion, HDR recommends that the District adopt rate revenue adjustments for 2021-22 through 2022-23 to provide sufficient funding for all the O&M and capital

improvement needs over this Study time period. During this time period, the District will be undertaking a master plan process which will provide additional clarity to future capital improvement needs and timing of critical projects. The analysis for the next rate study will review and propose rates for a longer term period (e.g., 3-5 years) A detailed discussion of the development of the revenue requirement is provided in Section 3 of this report.

## Summary of the Sewer Cost of Service Analysis

A cost of service analysis determines the equitable and proportional allocation of the revenue requirement to the various customer classes of service. Whereas the revenue requirement analysis determines the utility's overall revenue needs, the cost of service analysis determines the equitable manner in which to proportionately distribute the cost of service and collect the required revenue over the proposed time period. In this case, the sewer revenue requirement for 2021-22 was used for establishing the cost of service analysis for the District.

Given the requirement of California Constitution Article XIII D, Section 6 (commonly referred to as Proposition 218) the results of the sewer cost of service analysis, or average unit costs, are used to establish the proposed rates. Given that wastewater is not metered, like water or electricity, the District's rate schedule is based on a sanitary unit, or what is frequently referred to as an equivalent dwelling unit (EDU) basis. This is done for several reason; first an EDU approach reflects the difference between various customers based on wastewater flow and strength characteristics given the inability to measure wastewater flows from all customers, second given that the District does not collect water consumption data an EDU approach is a method to establish rates annually based on a review of annual water consumption data, finally, the District bills customers on the property tax rolls and the absence of readily available metered water consumption data for calculating the proposed rates. Given these reasons, the approach of establishing rates on an EDU basis is a generally accepted approach.

For single family residential (which includes mobile homes), it is defined as the residence of one family with a kitchen and not attached to any other residential living unit and is charged 1 EDU (which is assumed to be 8 CCF per month). For multi-family residential, it is defined as a residential building with two or more separate living units each having a kitchen and is charged 0.90 EDU per living unit. It is important to note that single family and multi-family residential is assumed to be domestic strength wastewater and therefore, there is no adjustment made to the number of EDUs charged based on strength. It should also be noted that the relationship between a single family and multi-family customers was reviewed in detail in the prior rate study completed for the District in 2015. For non-residential customers, there are two general groups: domestic-strength and high-strength. The domestic-strength customers are charged on a per EDU basis, there is not a differential on their EDU calculation, as this reflects the flow and strength component of a domestic (residential) customer. This is calculated on the average of the winter and summer bi-monthly metered water periods times 6 (converted to an annual amount), divided by the residential EDU of 8 CCF per month times 12 which results in the number of EDUs. For high-strength customers, a strength factor is calculated based on assumed strength by customer type. This strength factor is then multiplied by the number of EDUs to calculate the number of total adjusted EDUs for billing. Schools are charged slightly differently than all other customers as they are charged a rate per pupil in attendance.

Given an EDU approach, the total revenue requirement was divided by the recently calculated EDUs on the District's system based on the recent water data from Marin Municipal Water District. This results in a cost per EDU prior to the impacts of higher strength wastewater. Based on average domestic (e.g., residential) strength levels, and industry standard strength levels for higher strength customers a strength factor is developed and included in the calculate of non-residential EDUs. Provided in Table ES -2, is a summary of the calculated rate per EDU prior to adjustments for the strength component.

| Sumn          | nary of th | Table ES – 2<br>e FY 2021-22 Sanit |   | alculation          |
|---------------|------------|------------------------------------|---|---------------------|
| Total Revenue |            | Total Sanitary                     |   | \$ / Year /         |
| Requirement   |            | Units                              |   | Sanitary Unit (EDU) |
| \$16,742,172  | ÷          | 15,795                             | = | \$1,060             |

This cost per EDU is then the starting point for the proposed rates in 2021-22 for single family, multi-family, and domestic non-residential, and is the starting point for the higher strength calculation. A more detailed discussion of the development of the cost of service analysis is provided in Section 4 of this report.

# Summary of the Sewer Rate Designs

The final step of the comprehensive rate study process is the design of the sewer rates to collect the desired levels of revenue, based on the results of the revenue requirement and cost of service analyses.

The District currently has a flat rate structure for each of the customer classes of service. Single family customers are charged for one living unit (1 EDU), and is the basis for the EDU or sanitary unit. Multi-family customers are charged 0.9 per living unit. This factor is based on the relationship (comparison) of the average multi-family living unit wastewater generation to a single family customer wastewater generation which was studied in great detail in the District's prior rate study. As a point of reference, wastewater generation is estimated based on average winter water consumption. For the non-residential customer class, subclasses of customers are based on the type of commercial activity and the relationship to 1 EDU based on average winter and summer water consumption. The relationship for non-residential customers are developed by calculating a strength factor based on assumed strength levels. These customers are then charged an annual fixed charge based on the number of units based on the customer type.

Given the result of the revenue requirement and cost of service analyses, proposed rates have been developed that reflect the proportional allocation of the costs of providing service. The rate

structures for residential and non-residential are recommended to be maintained. Provided in Table ES - 3 provides a summary of the present and proposed rates for the residential customer class.

| Summary of the Mo | Table ES – 3 onthly Present and Propo | osed Sewer Ra | ites    |
|-------------------|---------------------------------------|---------------|---------|
|                   | Present Rates                         | 2021-22       | 2022-23 |
| Residential       | \$/EDU                                |               |         |

\$968.00

871.20

\$1,060.00

954.00

\$1,161.00

1,044.90

| Mobile Home         | 968.00     | 1,060.00   | 1,161.00   |
|---------------------|------------|------------|------------|
| Commercial          |            |            |            |
| Domestic Strength   | \$968.00   | \$1,060.00 | \$1,161.00 |
| Restaurants / Cafes | 2,323.20   | 2,544.00   | 2,786.40   |
| Bakeries            | 3,097.60   | 3,392.00   | 3,715.20   |
| Mortuaries          | 1,936.00   | 2,120.00   | 2,322.00   |
| Hotels w/restaurant | 1,936.00   | 2,120.00   | 2,322.00   |
| Markets w/disposal  | 2,516.80   | 2,756.00   | 3,018.60   |
| Dry Industry        | 968.00     | 1,060.00   | 1,161.00   |
| Mixed Use           | 1,936.00   | 2,120.00   | 2,322.00   |
|                     | \$ / pupil |            |            |
| School w/showers    | \$9.68     | \$10.60    | \$11.61    |
| School w/o showers  | 19.36      | 21.20      | 23.22      |

The proposed rates for 2021-22 are based on the unit costs as developed in the cost of service study. The proposed rates for FY 2022-23 are increased by the annual revenue requirement adjustment, in this case, 9.5%. The development of the rate designs is outlined in detail in Section 5 of this report.

Single Family

**Multi-Family** 



#### 1 Introduction and Overview

#### 1.1 Introduction

HDR was retained by the Las Gallinas Valley Sanitary District (District) to conduct a comprehensive sewer rate study. The objective of the rate study was to review the District's operating and capital costs and develop a projection of revenue needs along with cost-based and proportional rates for the District's sewer customers.

The District owns and operates a sewer collection and treatment system. The costs associated with providing sewer collection and treatment services to the customers, has been developed based on District provided information and included within the development of the proposed rates.

## 1.2 Goals and Objectives

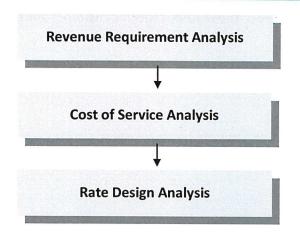
The District had a number of key objectives in developing the water and sewer rate study. These key objectives provided a framework for policy decisions in the analysis that follows. These key objectives were as follows:

- Develop the sewer study in a manner that is consistent with the principles and methodologies established by the Water Environment Federation (WEF), Manual of Practice No. 27, Financing and Charges for Sewer Systems
- In financial planning and establishing the District's rates, review and utilize best industry practices, while recognizing and acknowledging the specific and unique characteristics of the District's sewer system and customers
- Review the District's rates utilizing "generally accepted" rate making methodologies to determine adequacy and equity of the utility rates
- Meet the long-term financial planning criteria and goals of the District. For example, debt service coverage ratios, adequate funding of capital infrastructure, and maintenance of adequate and prudent reserve levels
- Develop a final proposed financial plan which adequately supports the utility's funding requirements, while attempting to minimize overall impacts to rates
- Develop an equitable allocation and proportional distribution of costs to the District's sewer customers
- Provide proposed rates designed to meet the requirements of Article XIII D

# 1.3 Overview of the Rate Study Process

User rates must be set at a level where a utility's operating and capital expenses are met with the revenues received from customers. This is an important point, as failure to achieve this objective may lead to insufficient funds to maintain system integrity. To evaluate the adequacy of the District's sewer rates, a rate study is often performed. A rate study consists of three interrelated analyses. Figure 1-1 provides an overview of these analyses.

# Figure 1 – 1 Overview of the Comprehensive Rate Analyses



Compares the revenues to the expenses to determine the overall revenue adjustment required

Equitably and proportionally allocate and distribute the revenue requirement to the various customer classes of service

Considers both the level and structure of the rate design to collect the target level of revenues

The above framework for reviewing and evaluating rates was utilized for the District's sewer rate study.

## 1.4 Organization of the Study

This report is organized in a sequential manner that first provides an overview of utility rate setting principles, followed by sections that detail the specific steps used to review the District's sewer rates. The following sections comprise the District's sewer rate study report:

- Section 2 Overview of Rate Setting Principles
- Section 3 Development of the Revenue Requirement Analysis
- Section 4 Development of the Cost of Service Analysis
- Section 5 Development of the Proposed Rates

A Technical Appendix is attached at the end of this report, which detail the technical analyses that were undertaken in the preparation of this study.

# 1.5 Summary

This report will review the sewer rate study prepared for Las Gallinas Valley Sanitary District. This report has been prepared utilizing generally accepted and industry standard sewer rate setting techniques as outlined in the WEF MOP #27 tailored to the District's specific customer and system characteristics.



# 2 Overview of the Rate Setting Process

#### 2.1 Introduction

This section of the report provides background information about the rate setting process, including descriptions of generally accepted principles, types of utilities, methods of determining the revenue requirement analysis, cost of service analysis, and the rate design analysis. This information is useful for gaining a better understanding of the details presented in Sections 3 through 5 of this report.

## 2.2 Generally Accepted Rate Setting Principles

As a practical matter, all utilities should consider setting their rates around some generally accepted or global principles and guidelines. Utility rates should be:

- Cost-based, equitable, and set at a level that meets the utility's full revenue requirement
- Easy to understand and administer
- Designed to conform to "generally accepted" rate setting techniques
- Stable in their ability to provide adequate revenues for meeting the utility's financial, operating, and regulatory requirements
- Established at a level that is stable from year-to-year from a customer's perspective

## 2.3 Determining the Revenue Requirement

Most public utilities use the "cash basis1" approach for establishing their revenue requirement and setting rates. This approach conforms to most public utility budgetary requirements and the calculation is easy to understand. A public utility totals its cash expenditures for a period of time to determine required revenues. The revenue requirement for a public utility is usually comprised of the following costs or expenses:

- Total Operating Expenses: This includes a utility's operation and maintenance (O&M) expenses, plus any applicable taxes or transfer payments. Operation and maintenance expenses include the materials, electricity, labor, supplies, etc., needed to keep the utility functioning.
- Total Capital Expenses: Capital expenses are calculated by adding debt service payments (principal and interest) to capital improvements financed with rate revenues. In lieu of including capital improvements financed with rate revenues, a utility sometimes includes depreciation expense to stabilize the annual revenue requirement.

<sup>&</sup>lt;sup>1</sup> "Cash basis" as used in the context of rate setting is not the same as the terminology used for accounting purposes and recognition of revenues and expenses. As used for rate setting, "cash basis" simply refers to the specific cost components to be included within the revenue requirement analysis.

Under the cash basis approach, the sum of the total O&M expenses plus the total capital expenses equals the utility's revenue requirement during any selected period of time (historical or projected).

Note that the two portions of the capital expense component (debt service and rate funded capital) are necessary under the cash basis approach because utilities generally cannot finance all their capital facilities with long-term debt. At the same time, it is often difficult to pay for capital expenditures on a "pay-as-you-go" basis given that some major capital projects may have significant rate impacts upon a utility and its customers, even when financed with long-term debt. Many utilities have found that some combination of pay-as-you-go funding and long-term financing will often lead to minimization of rate increases over time.

While public utilities typically use the cash basis approach to establish their revenue requirements. An exception occurs if a public utility provides service to a large wholesale or contract customer. In this situation, a public utility could use the "utility basis" approach (see Table 2 - 1) regarding earning a fair return on its investment.

|   | Table 2 – 1<br>Cash versus Utility Basis Comparison        |   |   |                                |  |  |  |  |  |  |
|---|------------------------------------------------------------|---|---|--------------------------------|--|--|--|--|--|--|
|   | Cash Basis                                                 |   |   | <b>Utility Basis (Accrual)</b> |  |  |  |  |  |  |
| + | O&M Expenses                                               |   | + | O&M Expenses                   |  |  |  |  |  |  |
| + | Taxes/Transfer Payments                                    |   | + | Taxes/Transfer Payments        |  |  |  |  |  |  |
| + | Capital Improv. Funded from Rates (≥ Depreciation Expense) |   | + | Depreciation Expense           |  |  |  |  |  |  |
| + | Debt Service (Principal + Interest)                        |   | + | Return on Investment           |  |  |  |  |  |  |
| = | Total Revenue Requirement                                  | , | = | Total Revenue Requirement      |  |  |  |  |  |  |

# 2.4 Analyzing Cost of Service

After the total revenue requirement is determined, it is equitably and proportionally distributed to the users (i.e., customer classes) of the service. The distribution, analyzed through a cost of service analysis, reflects the cost relationships for providing sewer services. A cost of service analysis generally includes three analytical steps:

- Costs are *functionalized* or grouped into the various cost categories related to providing service. For a sewer utility this generally includes collection, pumping, and treatment. This step is largely accomplished by the utility's accounting system.
- The functionalized costs are then *allocated* to specific cost components. Allocation refers
  to the arrangement of the functionalized data into cost components. The sewer rate
  manual (i.e., WEF MOP #27) discusses the allocation of costs, which includes volume,
  strength, and customer related.

3. Once the costs are allocated into components, they are proportionally distributed to the customer classes of service. The distribution is based on each customer class's relative contribution to the cost component (i.e., benefits received from and burdens placed on the system and its resources). For example, customer-related costs can be distributed to each class of service based on the total number of customers in that class of service. Once costs are distributed, the revenues from each customer class of service required to achieve cost-based rates can be determined.

## 2.5 Designing Utility Rates

Rates that meet the utility's objectives are designed based on both the revenue requirement and the cost of service analysis. This approach results in rates that are strictly cost-based and does not consider other non cost-based goals and objectives (conservation, economic development, ability to pay, revenue stability, etc.). In designing the final proposed rates, these other rate design goals and objectives may be taken into consideration. However, the proposed rates must reflect each customer class's proportional share of costs allocated through the cost of service analysis to meet the legal requirements of California Constitution Article XIII D, or as commonly referred to as Proposition 218.

## 2.6 Economic Theory and Rate Setting

One of the major justifications for a comprehensive rate study is founded in economic theory. Economic theory suggests that the price of a commodity must roughly equal its cost if equity among customers is to be maintained. This statement's implications on utility rate designs are

significant. When costing and pricing techniques are refined, consumers have a more accurate understanding of what the commodity costs to produce and deliver. The same principals discussed are applicable to sewer also but the example of such was only given for illustration purposes. This price-equals-cost concept provides the basis for the subsequent analysis and comments.

"Economic theory suggests that the price of a commodity must roughly equal its cost if equity among customers is to be maintained."

## 2.7 Summary

This section of the report has provided a brief introduction to the general principles, techniques, and economic theory used to set sewer rates. These principles and techniques will become the basis for the District's sewer rate study.



# 3 Development of the Revenue Requirement Analysis

#### 3.1 Introduction

This section of the report describes the development of the revenue requirement analysis for the District's sewer rate study. The revenue requirement analysis is the first analytical step in the rate study process. From this analysis, a determination can be made as to the overall level of sewer rate adjustments needed to provide adequate and prudent funding for both operating and capital needs of the utility. A main objective of a rate study is to develop cost-based and proportional sewer rates over the projected time period. For purposes of this section, the term "sewer" refers to the District's sewer utility, and the term "wastewater" refers to the contribution of wastewater volumes, or flow, to the District's sewer utility for conveyance and treatment.

## 3.2 Determining the Revenue Requirement

In developing the District's sewer revenue requirement, the utility must financially "stand on its own" and be properly funded. As a result, the revenue requirement analysis, as developed herein, assumes the full and proper funding needed to operate and maintain the District's sewer system on a financially sound and prudent basis. The following information in this section will provide a more detailed discussion of the development of the sewer revenue requirement analysis for the District.

## 3.3 Establishing a Time Frame and Approach

The first step in calculating the revenue requirement for the District's sewer system was to establish a time frame for the revenue requirement analysis. For planning purposes, a 10-year period was developed for the District's revenue requirement. The starting point for the development of the revenue requirement was the District's Fiscal Year (FY) 2020-21 budget which was then projected by assumed escalation factors. Reviewing a multi-year time period is recommended since it attempts to identify any major expenses that may be on the horizon. By anticipating future financial requirements, the District can begin planning for these changes sooner, thereby minimizing short-term rate impacts and overall long-term rates. For rate setting purposes, the proposed rates are being developed for the two year period of FY 2021-22 and FY 2022-23.

The second step in determining the revenue requirement was to decide on the basis of accumulating costs. In this particular case, for the revenue requirement analysis a "cash basis" approach was utilized. The cash basis approach is the most commonly used methodology by municipal utilities to set their revenue requirement. Table 3 - 1 provides a summary of the cash basis approach and cost components used to develop the District's sewer revenue requirement.

# Table 3 – 1 Overview of the District's "Cash Basis" Sewer Revenue Requirements

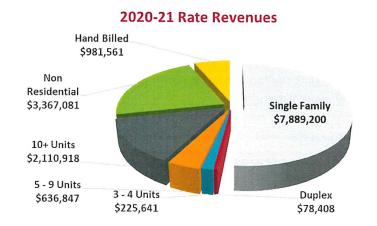
- + Sewer Operation and Maintenance Expenses
- + Rate Funded Capital
- + Debt Service (Principal + Interest) Existing and Future
- ± Reserve Funding
- Total Sewer Revenue Requirement
- Miscellaneous Revenues
- = Net Sewer Revenue Requirement (Bal. Req'd from Rates)

Given a time period around which to develop the revenue requirement and a method to accumulate the costs, the focus shifts to the development and projection of the revenues and expenses of the District's sewer system.

The primary financial inputs in the development of the revenue requirement were the District's adopted budget documents, recent billed customer characteristics, and the capital improvement plan. Presented below is a detailed discussion of the steps and key assumptions contained in the development of the projections of the District's sewer revenue requirement analysis.

## 3.4 Projecting Rate and Other Miscellaneous Revenues

The first step in developing a projection of the sewer rate revenues, at present rate levels, was to determine the projected billing units (sanitary unit/equivalent dwelling unit) for each customer group. The billing units for each customer group were based on the most recent 12 months of customer billing data as provided by the Marin Municipal Water District. These billing units were then multiplied by the applicable sewer rates. This method of independently calculating revenues links the projected revenues used within the analysis to the projected billing units. It also helps to confirm that the billing units used within the Study are reasonable for purposes of projecting future revenues, distributing costs and — ultimately - establishing the



proposed rates to collect the target level of revenues.

The majority of the District's rate revenues are derived from single family customers. The District also serves a variety of non-residential customers as well as other residential customers. In total, and at currently adopted rate levels, the District's sewer system is projected to receive approximately \$15.3 million in rate revenue in 2020-21.

Based on discussion with the District, the Study has assumed a customer growth projection of 0.5% per year from 2022-23 and thereafter as the system is assumed to be built out in general and growth is anticipated to be from redevelopment and increased density. By 2029-30, the rate revenues - assuming no rate adjustments - are projected to be approximately \$15.9 million. The detailed calculation of the revenues at present rates is included in Exhibit 6 of the Technical Appendix.

In addition to rate revenues, the District also receives other non-operating revenues. These are revenues related to property tax, franchise fees, recycled water, interest income, etc. In total, the District is projected to receive approximately \$1.6 million in 2020-21. Non-operating revenues were estimated to increase slightly over the Study time period due to increase in recycled water sales and is approximately \$2.0 million in 2029-30.

On a combined basis, considering the rate revenues and the other revenues, the District's sewer utility has total projected revenues of approximately \$16.9 million in 2020-21, increasing to approximately \$18.0 million by 2029-30. The assumptions used for projecting growth and increases in other revenues can be found in Exhibit 2 of the Technical Appendix. The projection of rate and miscellaneous revenues can also be found in Exhibit 3 of the Technical Appendix.

#### 3.5 Projecting Operation and Maintenance Expenses

Operation and maintenance (O&M) expenses are incurred by the District to maintain the sewer collection and conveyance system at a consistent, high level of service. The starting point of the projection of O&M expenses was the District's adopted 2020-21 budget. Budgeted O&M expenses were projected over the Study time period based on historical inflationary factors. These factors took into consideration the District's historical cost increases and projected increases. The factors ranged from 2.0% to 4.5% annually for the various types of expenses (e.g., salaries, benefits, materials & supplies) or years. In total, O&M expenses for the District's sewer utility were projected to increase at an annual inflation rate of approximately 3.3% over the Study time period. However, in the first year (2021-22) of staffing adjustments the O&M expenses increased 10.0% over the 2020-21 budget. In addition, to meet overall operating needs, the study has included an additional three full time equivalent staff to support the sewer operating and capital needs starting in 2021-22.

The total operation and maintenance expenses for the sewer utility are budgeted to be approximately \$8.8 million in 2020-21. Over the projected time period, the total O&M expenses are projected to increase to approximately \$14.2 million by 2029-30. A summary of the O&M expenses is provided in Exhibit 3 of the Technical Appendix.

# 3.6 Projecting Capital Funding Needs

A key component in the development of the sewer revenue requirement was to properly and adequately fund capital improvement needs in the near and long term. One of the major issues facing many utilities across the U.S. is the amount of deferred capital projects and the funding pressure from regulatory-related improvements. The proper and adequate funding of capital

projects is an important issue for all sewer utilities and not just a local issue or concern of the District. To accomplish this, the District has a Capital Improvement Plan (CIP) to address both the short and long-term needs of the sewer utility. The District's CIP will help guide and prioritize capital projects over time and capital investments to expand the capacity of facilities to accommodate future customers. There are generally three types of capital projects that the District may need to fund. These include the following types:

- Renewal and replacement projects
- Growth / capacity expansion projects
- Regulatory-related projects

A renewal and replacement project is a project required for maintaining the existing system that is in place today. As the existing plant or pipelines become worn out, obsolete, etc., the utility should be making continuous investments to maintain the integrity of the facilities. In contrast to this, a utility may make capital investments to expand the capacity of facilities to accommodate future capacity needs (customers). Finally, certain projects may be a function of a regulatory requirement in which the Federal or State government mandates the need for an improvement to the system to meet a regulatory standard. Understanding these different types of capital projects is important because it may help to explain why costs are increasing and the cost drivers for any needed revenue adjustments. In addition, and more importantly, the way in which projects are funded may vary by the type of capital project. The way in which projects are funded may vary by the type of capital project. For example, renewal and replacement projects should be funded through annual rates on a "pay-as-you-go basis". In contrast to this, growth or capacity expansion projects may be funded through the collection of capacity charges (i.e., growth-related charges) in which new development pays a proportional and equitable share of the cost of improvements required as a result of their connection (impact) and that benefit development. Finally, regulatory projects may be funded by a variety of different means, which may include one or more sources such as rates, long-term debt, grants, etc.

While the above discussion appears to neatly divide capital projects into three clearly defined categories, the reality of working with specific capital projects may be more complex. For example, a pump may be replaced, but while being replaced, it is up sized to accommodate the need for greater capacity. There are many projects that share these "joint" characteristics. At the same time, projects may not be "replacement" related, but rather "improvement" related.

Provided below in Table 3 - 2 is a summary of the sewer capital funding analysis, based on the District's capital plan. However, it is important to note that the capital projects in FY 2023-24 through FY 2025-26 are estimates based on the capital improvements currently identified. However, the District is in the process of starting a comprehensive master planning process which will review the collection and treatment system and identify capital improvements needs in the future years. This process will also assist the District in prioritizing the capital needs and update the rate study for the next rate setting period.

|                             | Table 3 – 2                       |
|-----------------------------|-----------------------------------|
| <b>Summary of the Sewer</b> | Capital Improvement Plan (\$000s) |

|                                    | 2020-21 | 2021-22  | 2022-23 | 2023-24 [1] | 2024-25 [1] | 2025-26 [1] |
|------------------------------------|---------|----------|---------|-------------|-------------|-------------|
| <b>Total Capital Projects</b>      | \$3,691 | \$11,132 | \$5,000 | \$16,291    | \$10,012    | \$6,000     |
| Other Funding Sources              |         |          |         |             |             |             |
| Capital Reserves                   | \$0     | \$7,882  | \$0     | \$1,191     | \$2,262     | \$0         |
| Long-Term Debt                     | 0       | 0        | 0       | 9,000       | 0           | 0           |
| <b>Total Other Funding Sources</b> | \$0     | \$7,882  | \$0     | \$10,191    | \$2,262     | \$0         |
| Rate Funded Capital                | \$3,250 | \$3,250  | \$5,000 | \$6,100     | \$7,750     | \$6,000     |

<sup>[1]</sup> Capital in FY 2023-24 through FY 2025-26 are estimates based on the current capital plan. The District is undertaking a comprehensive master planning process which will further identify future capital improvement needs

While the total amount of a project may vary from year to year, the sewer capital funding plan has attempted to provide a consistent funding source for the replacement of deteriorating system assets. In this case, the sewer utility's rates will fund an amount of \$3.3 million in 2021-22. The District's annual depreciation expense is approximately \$2.7 million in 2018-19. A desirable funding target for rate funded CIP is an amount equal to or greater than annual depreciation expense in order to approximately keep up with the rate of deterioration of system assets. While, annual depreciation expense is not the same as replacement cost, funding an amount which exceeds the depreciation expense is both prudent and appropriate. As noted, to help establish a prudent level of annual replacement funding through rates, HDR worked with District staff to develop a funding plan for the capital needs. In developing this financial plan, HDR and the District have attempted to minimize rate impacts while funding the planned capital projects of the District's sewer utility.

# 3.7 Projection of Debt Service

The District's sewer utility currently has six (6) outstanding long-term debt issues. In total, the outstanding issuances have an annual payment of \$4.8 million in 2020-21. Over time, some long-term debt is retired as well as additional (new) long-term debt issuances in the future. By the end of the review period in FY 2029-30, annual debt service is projected to be approximately \$5.5 million.

When issuing long-term debt, the District is required to maintain specific financial metrics, such as a debt service coverage ratio. A debt service coverage (DSC) ratio, in its simplest form, provides a "credit check" for the utility that compares total revenues to operating expenses and annual debt service needs. For example, a DSC ratio of 1.0 implies that after annual O&M expenses are paid, the remaining funds are equal to the annual debt service payments. As a result, many debt issuances require a DSC ratio of greater than 1.0, and many times a legal minimum of 1.25-1.50. While this is the legal minimum, the target should be set at a higher level to account for any

operating or revenue impacts on an annual basis. Given this requirement, the issuance of long-term debt must be balances with this, and other financial metrics, to maintain a financially healthy, and sustainable funding levels.

HDR is not advising the District on the terms of any bond issuances but rather identifying the overall funding needs, should any exist. As such, HDR is not acting in a municipal advisor role to the District for the issuance of any long-term borrowing.

## 3.8 Reserve Funding

The final component of the revenue requirement analysis is reserve funding line item. This can be described as transfers of revenue to reserve funds to maintain prudent ending fund balances or for future funding of specific or unanticipated capital projects. Additionally, any balance of funds after the expenses are paid is transferred to the operating fund to maintain minimum fund balances. Alternatively, reserves funds may be used on an annual basis to offset operating and capital costs. During the projected time period, and to smooth the revenue (rate) adjustments, the District is making transfers to reserves and using reserves to fund annual operating and capital expenses in various years of the projected time period.

## 3.9 Summary of the Sewer Revenue Requirement

Given the above projections of revenues and expenses, a summary of the sewer revenue requirement analysis can be developed. In developing the revenue requirement analysis, consideration was given to the financial planning considerations of the District. In particular, emphasis was placed on attempting to minimize rates, yet still have adequate funds to support the operational activities and capital projects in FY 2021-22 and FY 2022-23, with the understanding of the need for future capital improvements that will be identified through the master planning process. Presented in Table 3 - 3 is a summary of the District's projected sewer revenue requirement. Detailed exhibits of this analysis can be found in the Technical Appendix (Exhibits 1-6).

Table 3 - 3
Summary of the Sewer Revenue Requirement Analysis (\$000)

| e mentinghistan mentinghistan mentinghistan mentinghistan mentinghistan mentinghistan mentinghistan mentinghis<br>Terminan mentinghistan mentingh | 2020-21  | 2021-22   | 2022-23   | 2023-24   | 2024-25   | 2025-26   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|-----------|-----------|-----------|-----------|
| Revenues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |           |           |           |           |           |
| Rate Revenues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$15,290 | \$15,290  | \$15,366  | \$15,443  | \$15,520  | \$15,598  |
| Other Revenues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,621    | 1,989     | 2,043     | 2,043     | 2,037     | 2,055     |
| Total Revenues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$16,911 | \$17,279  | \$17,409  | \$17,486  | \$17,557  | \$17,652  |
| Expenses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |           |           |           |           |           |
| Total O & M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$8,828  | \$10,935  | \$11,292  | \$11,661  | \$12,043  | \$12,437  |
| Rate Funded Capital                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3,250    | 3,250     | 5,000     | 6,100     | 7,750     | 6,000     |
| Net Debt Service                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4,805    | 4,351     | 4,201     | 4,912     | 4,924     | 4,926     |
| Reserve Funding                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28       | 196       | (26)      | (355)     | (366)     | 1,900     |
| Total Expenses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$16,911 | \$18,732  | \$20,467  | \$22,318  | \$24,350  | \$25,264  |
| Bal. / (Def.) of Funds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$0      | (\$1,453) | (\$3,058) | (\$4,833) | (\$6,793) | (\$7,611) |
| Bal as a % of Rate Adj. Req'd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.0%     | 9.5%      | 19.9%     | 31.3%     | 43.8%     | 48.8%     |
| Proposed Rate Adjustment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.0%     | 9.5%      | 9.5%      | 9.5%      | 9.5%      | 3.5%      |
| Add'l Rev with Rate Adj.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$0      | \$1,453   | \$3,058   | \$4,833   | \$6,793   | \$7,611   |
| Bal. / (Def.) After Rate Adj.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$0      | \$0       | (\$0)     | \$0       | \$0       | \$0       |

As can be seen, the revenue requirement has summed the O&M, rate funded capital, net debt service, and reserve funding components. The total revenue requirement is then compared to the total revenues which include both rate revenues — at current rate levels — and other revenues.

From this comparison, a balance or deficiency of funds in each year can be determined. This balance or deficiency of funds is then compared to the projected revenues from current rates to determine the level of rate adjustment needed to meet the revenue requirement. The "Bal. / (Def.) of Funds" row is cumulative. That is, any adjustments in rate revenues in the initial years will reduce the deficiency in the later years assuming no changes in projected expenses. As can be seen, the sewer utility is projected to operate at a deficiency in each of the projected years based on the necessary operating and capital costs to continue to provide sewer service to customers.

The proposed revenue adjustments are a function of assumed inflation over this time period, coupled with the need to increase the capital improvement funding from rates (renewal and replacement funding), and maintain reserve levels. As noted, the focus of the rate study is FY 2021-22 and FY 2022-23, the next two years for rate setting purposes. A more detailed revenue requirement is included in Exhibit 3 of the Technical Appendix.

#### 3.10 Reserve Fund Levels

Another key element of determining the financial health and sustainability of the District's sewer utility is to review the level of available reserve levels after the proposed revenue adjustments. Utilities can have several different reserves each with a different purpose. The typical types of reserves utilities maintain are generally referenced as an operating reserve and a capital reserve. Each of these funds can have a minimum ending balance that, if reached or falls below, is a signal that the District should review the revenue sources associated with each reserve fund. The minimum ending balances will vary depending on the purpose of the fund and the expected revenue sources. For the District, there several reserve accounts that the District's Board have policies for the sewer utility.

- Operating Reserve— The reserve is in place to meet the District's annual cash flow needs and any unexpected one-item operational expenses. The target balance is approximately 7 months of O&M expenses plus the debt service.
- Capital Reserve The reserve is in place to meet the District's annual capital and rolling stock needs and any unexpected capital expenditures. The target balance is \$4.0 million.
- Rate Stabilization Reserve The reserve is designed to be in place to help absorb unexpected cost increases and spread them over more than one year. The target balance is approximately \$300,000.
- Emergency Repair Reserve The reserve is in place to help fund emergency repairs of capital infrastructure. The target balance is \$1.0 million.
- **Vehicle & Equipment Reserve** The reserve was established in 2019-20 and is in place to replace vehicles and equipment that have reached the end of their useful life. The target balance is \$1.0 million.

As noted, the study has maintained the current reserve levels for the various funds. As the District continues to review capital improvement needs, and funding sources, the reserves will need to be evaluated to determine if adjustments to target ending reserve balances meet the District's overall goals and objectives.

#### 3.11 Consultant's Conclusions

Based on the revenue requirement analysis developed herein, HDR recommends that the District adjust sewer revenues annually over the next two-year period (FY 2021-22 and FY 2022-23). HDR has reached this conclusion for the following reasons:

- Revenue adjustments are necessary to fund the District's capital improvement needs, of which a significant portion is driven by the renewal and replacement of aging infrastructure
- The revenue adjustments are necessary in order to cover the annual inflationary costs related to O&M of the sewer utility
- The proposed revenue adjustments maintain the District's strong financial health and provide long-term sustainable funding levels

In reaching this conclusion, HDR would recommend that the District adopt revenue adjustments in order to provide sufficient funding for annual O&M and capital improvement program over the next five-year period

## 3.12 Summary of the Sewer Revenue Requirement

This section of the Study has provided a discussion of the District's sewer revenue requirement analysis. The revenue requirement analysis developed a revenue transition plan to support the District's O&M expenses and capital needs. The next section will discuss the cost of service analysis developed for the District's sewer utility.

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# 4 Development of the Cost of Service Analysis

#### 4.1 Introduction

In the previous section, the revenue requirement analysis focused on the total sources and application of funds required to adequately fund the District's sewer collection and treatment system. This section will provide an overview of the cost of service analysis developed for the District.

A cost of service analysis is concerned with the proportionate distribution of the total revenue requirement between the various customer classes of service. The previously developed revenue requirement for FY 2021-22 was utilized in the development of the cost of service analysis.

## 4.2 Objectives of a Cost of Service Study

There are two primary objectives in conducting a sewer cost of service study:

- Proportionally distribute the District's revenue requirement among the customer classes
  of service
- 2. Derive average unit costs (i.e., cost-based rates) for subsequent rate designs

The objectives of the cost of service analysis are different from determining a revenue requirement. As noted in the previous section, a revenue requirement analysis determines the utility's overall revenue needs, while the cost of service analysis determines the proportional and equitable manner to collect the revenue requirement from the District's various types of customers, or customer classes of service.

The second rationale for conducting a cost of service analysis is to ensure that proposed rates are designed such that it properly reflects the costs incurred by the District. For example, a sewer utility typically incurs costs related to flow (wastewater volumes), strength, and customer cost components. Each of these types of costs may be collected in a slightly different manner as to allow for the development of rates that collect costs in the same manner as they are incurred.

# 4.3 Determining the Customer Classes of Service

The first step in a cost of service analysis is to determine the customer classes of service. HDR started with the customer classes of service based on the current rates. The customer classes used in the cost of service analysis are:

#### Residential

- Single Family
- Multi-Family
- Mobile Home

#### Non-Residential

- Domestic Strength
- Restaurants / Cafes
- Bakeries
- Mortuaries
- Hotels w/ restaurant
- Markets w/ disposal
- Dry Industry
- Mixed Use

In determining classes of service for cost of service purposes, the objective is to group customers together into similar or homogeneous groups based upon facility requirements and/or flow characteristics. It is important to note that the District charges all classes a proportional equivalent unit charge (EDU) based on water consumption and wastewater strength characteristics.

## 4.4 General Cost of Service Procedures

In order to determine the cost to serve each customer class of service on the District's system, a cost of service analysis is conducted. The development of the cost of service on generally accepted principles and methodologies and tailored to the District's system and customer characteristics is paramount. The District's cost of service analysis was based on the approaches outlined in the Water Environment Federation Manual of Practice No. 27 to establish cost-based and equitable rates. Provided below is a detailed discussion of the sewer cost of service study conducted for the District, and the specific steps taken within the analysis.

As noted, based on the District's billing approach, the cost of service analysis was developed on a sanitary unit, or equivalent dwelling unit (EDU) basis. This is done for several reason; first wastewater flows are not metered like water or electricity, second, given that the District does not collect water consumption data, and finally, the District bills on an annual basis on the property tax rolls. Given this, the use of an EDU is a generally accepted approach that reflects the difference between various customers based on wastewater flow and strength characteristics based on an annual review of actual metered water consumption data

The 2015 rate study completed by HDR reviewed and developed the relationships between the single family, multi-family, and non-residential customers. Specifically, the study outlined the relationship between the single family customers and multi-family customers (e.g., greater than two living units), as well as the relationship of a single family customer and a non-residential customer. As part of the study, the calculation of the strength component was also reviewed and adjustments made to the strength assumptions of some of the non-residential customers. Given this, this analysis is based on those prior industry standard approaches and is the basis for the calculation of the non-residential EDUs as updated by the District on an annual basis.

#### 4.4.1 Development of the Residential Sanitary Unit or EDU

The approach to billing on a sanitary unit, or EDU, reflects the assumed wastewater generation by a single family customer. The District charges all single family customers 1 sanitary unit, this is done as wastewater is not metered, and monthly water data is not readily available, and the District bills on an annual basis through the property tax rolls. A similar approach is taken for multi-family customers given that wastewater is not metered, and monthly consumption data is not readily available. For multi-family customers (e.g., duplex, triplex, etc.) the single family EDU is used as the starting point, but each living unit is charged a portion of a sanitary unit based on the relationship of wastewater generation be multi-family living unit to a single family home as outlined in the 2015 study. The prior rate study reviewed this relationship in detail and based on the results, the Board set the multi-family EDU at 0.90 per living unit. In other words, a multifamily living unit generates 90% of a single family home, on average, and therefore is charged 90% of an EDU per living unit. Billing on a fixed charge basis for residential customers is very popular throughout the United States. The 2016 AWWA Rate Survey found that 62% of agencies charged residential (e.g., single family and multi-family) customers a uniform (fixed) rate. Given this, it is and the discussion around lack of metered wastewater data, the current rate structure for the District's sewer utility is appropriate.

#### 4.4.2 Development of the Non-Residential Strength Component

For all other non-residential customers, the calculation of the sanitary unit is based on each individual non-residential customer's average metered winter and summer water use, excluding irrigation or other use that does not generate wastewater flows, plus the strength of the wastewater, as compared to a single family equivalent. The total average winter and summer wastewater flows and the definition of an EDU for residential are used to calculate the number of sanitary units (EDUs). This is updated annually by the District for each subsequent rate period so that the non-residential sewer bill reflects the wastewater generation. Provided below is the calculation for non-residential customers as outlined in the District's Title 3 Chapter 1.

\*a The average of the winter and summer bi-monthly periods as reported by the Marin Municipal Water District.

\*b Six bi-monthly periods per year.

\*c Average monthly water consumption.

It should be noted that for non-residential customers this calculation reflects only the volume, or wastewater component of the sewer bill. Non-residential customers are also charged a strength component. Strength related costs are those costs associated with the additional handling and treatment of high "strength" wastewater. Strength of wastewater is typically measured in

biochemical oxygen demand<sup>2</sup> (BOD) and total suspended solids<sup>3</sup> (SS). Increased levels of BOD or SS generally equate to increased treatment costs. Similar to the calculation of the equivalent unit for wastewater generation, the strength component for non-residential customers is based on the average strength of the single family customer. This is based on the assumed strength for a single family customer of 175 mg/L BOD and 175 mg/L for TSS. Given this, for each non-residential customer the strength component can be calculated. The calculation is:

$$SF = [0.54 + \underline{0.23} (BOD + SS)]$$

Based on this calculation, the sanitary unit multiplier can be developed for the various types of non-residential customers. Provided in Table 4-1 is an overview of the strength assumptions and the calculated strength factor.

| Table 4 − 1                                           |  |
|-------------------------------------------------------|--|
| Summary of the Sewer Cost of Service Analysis (\$000) |  |

|                      |       |     | Calculated      |
|----------------------|-------|-----|-----------------|
| Class of Service     | BOD   | TSS | Strength Factor |
| Domestic Strength    | 175   | 175 | 1.0             |
| Restaurants / Cafes  | 750   | 650 | 2.4             |
| Bakeries             | 1,150 | 900 | 3.2             |
| Mortuaries           | 650   | 450 | 2.0             |
| Hotels w/ restaurant | 600   | 500 | 2.0             |
| Markets w/ disposal  | 800   | 800 | 2.6             |
| Dry Industry         | 175   | 175 | 1.0             |
| Mixed Uses           | 600   | 500 | 2.0             |
|                      |       |     |                 |

As an example, for a restaurant, the number of equivalent units is multiplied by the strength factor to determine the total EDUs charged on an annual basis. If a restaurant was 3 EDUs (48 HCF  $\div$  16 HCF = 3) this is multiplied by the strength factor of 2.4 to develop the total EDUs of 7.2 (3 X 2.4 = 7.2). This restaurant would then be charged annually for 7.2 EDUs. This is done for each of the non-residential customers to calculate the number of EDUs for rate setting purposes.

#### 4.4.3 Summary of the Sanitary Unit or EDU Calculation

Given the discussion of the calculation of the EDU, the District's EDUs can be calculated. This was done for several reason. The first is to calculate the proposed revenues for establishing the

<sup>&</sup>lt;sup>3</sup> SS is the entire amount of organic and inorganic particles dispersed in wastewater



<sup>&</sup>lt;sup>2</sup> BOD is the amount of dissolved oxygen that must be present in water in order for microorganisms to decompose the organic matter in the wastewater

revenue requirement analysis. Second, and the focus of this section of the report, is to calculate the cost per EDU. As part of this analysis, recent metered water consumption data updates were developed given the impacts of the COVID pandemic and changes in the water consumption patterns and total consumption levels. This resulted in a slight reduction of the total number of EDUs given the changes in metered water consumption, primarily for non-residential customers. Provided in Table 4-2 is a summary of the calculated EDUs for the cost of service analysis.

| Table 4 – 2  Summary of the Calculated EDUs [1] |                            |                           |                                |                               |  |  |
|-------------------------------------------------|----------------------------|---------------------------|--------------------------------|-------------------------------|--|--|
| Class of Service                                | Number of<br>Accounts      | Number of<br>Living Units | Equivalency/Strength<br>Factor | Calculated<br>EDUs            |  |  |
| Single Family                                   | 8,150                      | 8,150                     | 1.00                           | 8,150                         |  |  |
| Multi-Family                                    | 317                        | 3,503                     | 0.90                           | 3,153                         |  |  |
| Non-Residential<br>Total EDUs                   | <u>533</u><br><b>9,000</b> | N/A                       | 8.43 <sup>[2]</sup>            | <u>4,492</u><br><b>15,795</b> |  |  |

<sup>[1]</sup> Table may not foot due to rounding

Given the calculation of the EDUs the next step of the study is to calculate the cost, or rate, per EDU based on the revenue requirement developed for FY 2021-22.

## 4.5 Summary of the Sewer Cost of Service Analysis

As noted, the use of an EDU, or sanitary unit, is a basis to equitably and proportionally distribute the cost between the customers based on the wastewater flow and strength assumptions. This is based on metered water consumption data for the District's customers and the wastewater flows for each customer in relationship to the average single family home. This provides the proportional relationship for the calculation of the EDU's or sanitary units so that the bill for each customer reflects the impacts places on the system from wastewater generation.

In summary form, the cost of service analysis began by developing the calculation of EDUs for the District's customers. Next, the total revenue requirement for FY 2021-22, less other non-operating revenue, was divided through by the number of sanitary, or equivalent units. As noted, the total number of EDUs reflects metered water data and estimated wastewater generation as well as the strength component for the non-residential customers. This results in the cost per EDU for FY 2021-22. Provided in Table 4-3 is a summary of this calculation.

<sup>[2]</sup> Non-residential strength factor represents average of all non-residential customers

| Summ          | Table 4 – 3 Summary of the FY 2021-22 Sanitary Unit Calculation |                |             |             |  |  |  |
|---------------|-----------------------------------------------------------------|----------------|-------------|-------------|--|--|--|
| Total Revenue | arrael yliss                                                    | Total          | fav to cent | \$ / Year / |  |  |  |
| Requirement   |                                                                 | Sanitary Units |             | EDU         |  |  |  |
| \$16,742,172  | ÷                                                               | 15,795         | =           | \$1,060     |  |  |  |

As shown in Table 4-3 the total revenue requirement, less other non-operating revenues, for FY 2021-22 has been divided through by the number of sanitary units. This provides the basis for each equivalent unit to develop the proposed unit costs, or cost-based rate. The rates for FY 2022-23 are based on the overall revenue adjustment as calculated in the revenue requirement analysis. As a point of reference, since single-family customers are billed 1 sanitary unit, this is the proposed rate for these customers. However, the rate for multi-family and non-residential customers are adjusted to reflect the difference in wastewater flows for these customers in comparison to a single family customer.

#### 4.6 Consultant's Conclusions and Recommendations

HDR recommends that the District implement the unit cost for a sanitary unit as developed in the cost of service analysis. Given this, the proposed rate per EDU reflect the results of the current cost of service analysis as provided in Table 4-3.

## 4.7 Summary of the Sewer Cost of Service Analysis

This section of the Study has provided a summary of the cost of service analysis developed for the District. This analysis was prepared using generally accepted cost of service techniques and principles. The next section of the Study will review the present and proposed sewer rates for the District.



# 5 Development of the Proposed Sewer Rates

#### 5.1 Introduction

The final step of the District's Study is the design of proposed rates to collect the desired levels of revenue, based on the results of the revenue requirement and cost of service analyses. In reviewing District's rates, consideration is given to the level of the rates and the structure of the rates.

#### 5.2 Rate Design Criteria and Considerations

Prudent rate administration dictates that several criteria must be considered when setting utility rates. An example of some of these rate design criteria are listed below:

- Rates which are easy to understand from the customer's perspective
- Rates which are easy for the District to administer
- Consideration of the customer's ability to pay
- Continuity, over time, of the rate making philosophy
- Policy considerations (encourage efficient use, economic development, etc.)
- Provide revenue stability from month to month and year to year
- Promote efficient allocation of the resource
- Equitable and non-discriminatory (cost-based)
- Compliance with State law (e.g., Prop 218)

When developing the proposed rate designs, all the above-listed criteria were taken into consideration. However, it is difficult, if not impossible, to design a rate that meets all the goals and objectives listed above. For example, it may be difficult to design a rate that takes into consideration customers' ability to pay, and one which is cost-based. In designing rates, there are always trade-offs between these various goals and objectives. This process was more straightforward for the District as the current rate structure on an EDU basis was maintained.

# 5.3 Development of Cost-Based Sewer Rates

Developing proportional and equitable rates is of paramount importance in developing proposed sewer rates. The District's proposed sewer rates have been developed to meet the legal requirements of California Constitution Article XIII D, Section 6 (Article XIII D). A key component of Article XIII D is the development of rates which reflect the cost of providing service and are proportionately and equitably distributed among the various customer classes of service and the customers within each class. There is no single methodology for equitably assigning costs to the various customer groups. The Water Environment Federation Manual of Practice #27 (WEF MOP #27) provides various methodologies which may be used to establish cost-based rates. However, Article XIII D is not prescriptive and does not provide a specific methodology for establishing rates. Given that, HDR developed the proposed sewer rates based on generally accepted rate setting methodologies to meet the requirements of Article XIII D.

HDR is of the opinion that the District's proposed rates meet the legal requirements of Article XIII D. HDR reaches this conclusion based upon the following:

- The revenue derived from sewer rates does not exceed the funds required to provide the property related service (i.e., sewer service). The proposed rates are designed to collect the overall revenue requirement of the District's sewer system.
- The revenues derived from sewer rates shall not be used for any purpose other than that for which the fee or charge is imposed. The revenues derived from the District's sewer rates are used exclusively to operate and maintain and fund the capital improvements of the District's sewer system.
- The amount of a fee or charge imposed upon a parcel or person as an incident of property ownership shall not exceed the proportional costs of the service attributable to the parcel. The cost of service analysis focused exclusively on the issue of proportional assignment of costs on a per sanitary unit basis. The proposed rates have appropriately grouped customers into customer classes of service that reflect the varying customer characteristics and system requirements (i.e., the benefits they receive from and burdens they place on the system) of each customer class of service. The grouping of customers and rates into these classes of service creates the equity and proportionality expected under Proposition 218 by having differing rates by customer classes of service which reflect both the level of revenue to be collected by the utility, and the manner in which these costs are incurred and proportionally assigned to customer classes of service and customers within each class of service based upon their proportional impacts.

#### 5.4 Overview of the Current Sewer Rate Structure

The District charges customers on an annual basis through the property tax rolls. In addition, the District does not collect metered water consumption data, and this data is not readily available. Given this, the District has a rate structure for all customers that is based on a sanitary unit, or EDU basis. The level of the charge varies by the proportion of a sanitary unit, or EDU, that is assumed for each class or non-residential customer. The flat rate provides revenue stability for the District as well as the EDU basis provides that in the most simple and easy to understand manner. For single family, all customers are charged 1 EDU. Multi-family customers – including duplex, 3-4 units, 5-9 units, 10+ units – are charged 90% of 1 EDU per living unit. For the non-residential customers, the rate is determined by multiplying the average single family usage (i.e., 1 EDU estimate) by the customer class strength factor. In this way, each customer bill reflects the proportional impact of overall wastewater strength and flow in relationship to an average single family customer. As noted, these relationships were studied in detail during the District's 2015 analysis and the relationships were maintained for this study.

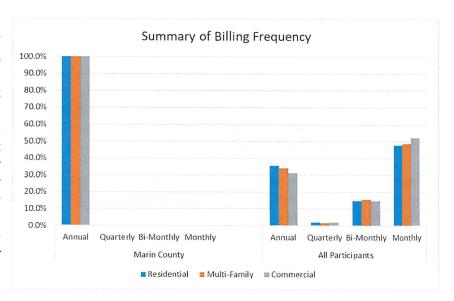
#### 5.5 Review of Sewer Rate Structures

As part of the study, the "typical" sewer rate structure was reviewed. While there are various types of rate structures used by sewer utilities, the District's approach is limited by the fact that monthly water consumption data is not readily available. In addition, given the approach to bill

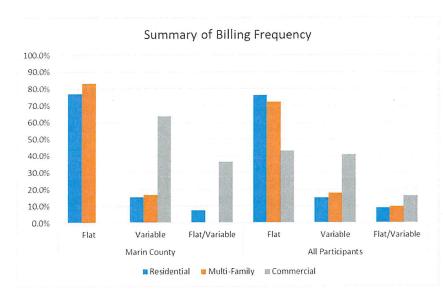
annually on the property tax rolls, this further limits the District's ability to implement alternative sewer rate structures. For comparison purposes, the California State Water Resources Control Board CY 2018 rate survey was reviewed to provide an understanding of how other local and regional sewer utilities bill customers. It is also important to understand that not all sewer utilities provide both collection and treatment of wastewater as the District does. In some cases, utilities may only provide collection services and treatment is provided by another, or regional, treatment facility, or a utility may be the wastewater treatment agency for other sewer utilities and/or the region.

The starting point of the review was a summary of the billing frequency for local agencies as well as with all study participants. Provided in the table is a summary of the billing practices included in the CY 2018 rate survey.

As can be seen, for those Marin County participants, all agencies bill on an annual basis. For all utilities that participated in the survey, over 30% bill on an annual basis, almost 50% bill on a monthly basis, and the remainder on a bi-monthly or quarterly basis. However, as noted, the District is not a water agency and does not have easy access to the



water consumption data of its customers. In most cases, if a utility is billing sewer on a monthly basis and based on a volumetric or EDU basis, the utility also has access to metered water data on a monthly basis. It should also be noted that if the utility is billing on a monthly basis it is most likely not billed on the property tax roll.



The next component reviewed is the type, or basis, of the rate structure. As noted, there various rate structures that are implemented by utilities. In reviewing the data from the CY 2018 survey, it shows that a majority of utilities bill residential and multi-family on a flat rate basis. This is also further supplemented by the 2016 AWWA Rate Survey which noted that

62% of the participating agencies charged residential (e.g., single family and multi-family) customers a uniform (fixed/flat) rate. While commercial (non-residential) customers are not charged a flat rate as frequently when reviewing all participants, it is important to note that the District's EDU approach is based on actual metered water consumption which reflects the variable component that is billed on metered water use.

As can be seen with the review of the billing frequency, and type of rate structure, the District's approach is comparable to other local utilities, as well as utilities across California as represented in the survey participants.

## 5.6 Overview of the Present and Proposed Sewer Rates

Given the result of the prior analyses - the revenue requirement and cost of service analyses – and a review of the typical rate structure and billing approaches, proposed rates can be developed that reflect the cost of providing sewer service. Provided in Table 5 - 1 is a summary of the present and proposed sewer rates.

|                        | Table 5 – 1 |            |             |
|------------------------|-------------|------------|-------------|
| Summary of the Monthly | Present and | Proposed ! | Sewer Rates |

|                     | Present Rates | 2021-22    | 2022-23           |
|---------------------|---------------|------------|-------------------|
|                     | \$/EDU        |            |                   |
| Residential         |               |            |                   |
| Single Family       | \$968.00      | \$1,060.00 | \$1,161.00        |
| Multi-Family        | 871.20        | 954.00     | 1,044.90          |
| Mobile Home         | 968.00        | 1,060.00   | 1,161.00          |
| Commercial          |               |            |                   |
| Domestic Strength   | \$968.00      | \$1,060.00 | \$1,161.00        |
| Restaurants / Cafes | 2,323.20      | 2,544.00   | 2,786.40          |
| Bakeries            | 3,097.60      | 3,392.00   | 3,715.20          |
| Mortuaries          | 1,936.00      | 2,120.00   | 2,322.00          |
| Hotels w/restaurant | 1,936.00      | 2,120.00   | 2,322.00          |
| Markets w/disposal  | 2,516.80      | 2,756.00   | 3,018.60          |
| Dry Industry        | 968.00        | 1,060.00   | 1,161.00          |
| Mixed Use           | 1,936.00      | 2,120.00   | 2,322.00          |
|                     | \$ / pupil    |            | • • • • • • • • • |
| School w/showers    | \$9.68        | \$10.60    | \$11.61           |
| School w/o showers  | 19.36         | 21.20      | 23.22             |

As noted, the basis for the proposed rates are the unit costs developed in the cost of service analysis. Each of the billing units has been developed on the basis of wastewater contributions in comparison to 1 EDU based on industry information and data and District customer metered water use. In this way, the rate for each billing unit reflects the wastewater generation for the customer and the relationship to 1 EDU.

## 5.7 Summary of the Sewer Rate Design

The District's present sewer rate structures are contemporary in design and reflect the rate structures used by other similar utilities in California, both locally and statewide. Based on the District's system and customer characteristics, the proposed sewer rates appropriately reflect the cost to provide service and are cost-based between the various customer classes. Full and complete technical appendices of the development of the sewer rate study and the proposed revenue adjustments can be found in appendices of this report.

## **Technical Appendix**

|                                             | Budgeted     |               |               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Projected     |                                         |               |               |                         |
|---------------------------------------------|--------------|---------------|---------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------|---------------|---------------|-------------------------|
|                                             | 2020-21      | 2021-22       | 2022-23       | 2023-24       | 2024-25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2025-26       | 2026-27                                 | 2027-28       | 2028-29       | 2029-30                 |
| Revenues                                    |              |               |               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |               |               |                         |
| Rate Revenues                               | \$15,289,655 | \$15,289,655  | \$15,366,103  | \$15,442,934  | \$15,520,148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$15,597,749  | \$15,675,738                            | \$15,754,117  | \$15,832,887  | \$15,912,052            |
| Other Revenues                              | 1,621,464    | 1,989,432     | 2,042,651     | 2,042,670     | 2,037,321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,054,654     | 2,059,219                               | 2,067,305     | 2,075,667     | 2,084,309               |
| Total Revenues                              | \$16,911,119 | \$17,279,087  | \$17,408,754  | \$17,485,604  | \$17,557,469                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$17,652,403  | \$17,734,957                            | \$17,821,422  | \$17,908,554  | \$17,996,360            |
| Expenses                                    |              |               |               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |               |               |                         |
| Total Wages & Benefits                      | \$5,657,094  | \$6,115,199   | \$6,319,063   | \$6,529,919   | \$6,748,015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ac 072 coc    | 47 706 850                              | 4             | 4             |                         |
| Total Insurance                             | 175,076      | 257,888       |               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$6,973,606   | \$7,206,958                             | \$7,448,348   | \$7,698,060   | \$7,956,391             |
| Total Repairs & Maintenance                 | 696,595      | 990,500       | 263,046       | 268,307       | 273,673                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 279,146       | 284,729                                 | 290,424       | 296,232       | 302,157                 |
| Total Contract Services                     | 1,175,736    |               | 1,020,215     | 1,050,821     | 1,082,346                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1,114,816     | 1,148,261                               | 1,182,709     | 1,218,190     | 1,254,736               |
| Total Small Tools & Supplies                |              | 1,815,900     | 1,879,348     | 1,945,012     | 2,012,972                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,083,307     | 2,156,100                               | 2,231,437     | 2,309,407     | 2,390,103               |
| Total Utilities                             | 384,503      | 396,423       | 408,715       | 421,392       | 434,467                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 447,951       | 461,857                                 | 476,199       | 490,991       | 506,247                 |
|                                             | 287,812      | 299,324       | 311,297       | 323,749       | 336,699                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 350,167       | 364,174                                 | 378,741       | 393,891       | 409,646                 |
| Total General & Administrative              | 451,203      | 564,272       | 580,147       | 596,477       | 613,276                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 630,556       | 648,333                                 | 666,620       | 685,433       | 704,786                 |
| Total Additional O&M                        | 0            | 495,432       | 510,295       | 525,604       | 541,372                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 557,613       | 574,341                                 | 591,572       | 609,319       | 627,598                 |
| Total O&M Expenses                          | \$8,828,019  | \$10,934,937  | \$11,292,125  | \$11,661,282  | \$12,042,819                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$12,437,163  | \$12,844,754                            | \$13,266,050  | \$13,701,524  | \$14,151,665            |
| D-1- 5 - 1-16 - 1-1                         | 4            |               |               | M. Comment    | The same of the sa |               | *************************************** |               |               | Market Turbert Services |
| Rate Funded Capital                         | \$3,250,000  | \$3,250,000   | \$5,000,000   | \$6,100,000   | \$7,750,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$6,000,000   | \$7,700,000                             | \$7,975,000   | \$8,250,000   | \$8,525,000             |
| Net Debt Service                            | 4,804,697    | 4,350,509     | 4,201,002     | 4,912,406     | 4,923,534                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4,926,223     | 5,537,053                               | 5,539,738     | 5,535,979     | 5,539,380               |
| Reserve Funding                             | 28,404       | 196,158       | (26,134)      | (355,490)     | (366,321)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1,900,393     | 2,338                                   | 35,194        | 82,394        | 130,508                 |
| Total Revenue Requirement                   | \$16,911,119 | \$18,731,604  | \$20,466,993  | \$22,318,198  | \$24,350,032                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$25,263,779  | \$26,084,145                            | \$26,815,981  | \$27,569,897  | \$28,346,552            |
| Bal. / (Def.) of Funds                      | \$0          | (\$1,452,517) | (\$3,058,239) | (\$4,832,594) | (\$6,792,563)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (\$7,611,375) | (\$8,349,187)                           | (\$8,994,560) | (\$9,661,343) | (\$10,350,192)          |
| Proposed Rate Adjustment                    | 0.0%         | 9.5%          | 9.5%          | 9.5%          | 9.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.5%          | 3.0%                                    | 2.5%          | 2.5%          | 2.5%                    |
| Add'l Revenue with Rate Adj.                | \$0          | \$1,452,517   | \$3,058,239   | \$4,832,594   | \$6,792,563                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$7,611,375   | \$8,349,187                             | \$8,994,560   | \$9,661,343   | \$10,350,192            |
| \$1000000 E000000000                        | 1.00         | 1000          |               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | \$6,349,167                             | \$8,994,560   | \$9,001,343   | \$10,350,192            |
| Bal. / (Def.) After Rate Adj.               | \$0          | \$0           | \$0           | \$0           | \$0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$0           | \$0                                     | (\$0)         | \$0           | \$0                     |
| Ending Reserve Balance                      | \$7,107,828  | \$7,261,726   | \$8,380,558   | \$6,833,639   | \$4,205,239                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$6,105,631   | \$5,444,561                             | \$5,479,755   | \$5,562,149   | \$5,692,657             |
| Annual Single Family Customer Bill          | \$968.00     | \$1,059.96    | \$1,160.66    | \$1,270.92    | \$1,391.66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$1,440.36    | \$1,483.57                              | \$1,520.66    | \$1,558.68    | \$1,597.65              |
| Debt Service Coverage Ratio (Target = 1.25) |              |               |               |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                         |               |               |                         |
| Before Rate Adjustment                      | 1.68         | 1.46          | 1.46          | 1.19          | 1.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.06          | 0.88                                    | 0.82          | 0.76          | 0.69                    |
| After Proposed Rate Adjustment              | 1.68         | 1.79          | 2.18          | 2.17          | 2.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.60          | 2.39                                    | 2.45          | 2.51          | 2.56                    |
| roposea nate najastment                     | 1.00         | 1.75          | 2.10          | 2.17          | 2.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.60          | 2.39                                    | 2.45          | 2.51          | 2.56                    |

Las Gallinas Valley Sanitary District Sewer Rate Study Escalation Factors Exhibit 2

|                       | Budgeted |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         | Projected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         |         |         |       |
|-----------------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|-------|
|                       | 2020-21  | 2021-22 | 2022-23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2023-24 | 2024-25 | 2025-26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Notes |
| Revenues              |          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |         |         |       |
| Customer Growth       | Budget   | 0.0%    | 0.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.5%    | 0.5%    | 0.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.5%    | 0.5%    | 0.5%    | 0.5%    |       |
| Volume Growth         | Budget   | 0.0%    | 0.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.0%    | 0.0%    | 0.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.0%    | 0.0%    | 0.0%    | 0.0%    |       |
| Misc. Revenues        | Budget   | 1.0%    | 1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.0%    | 1.0%    | 1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.0%    | 1.0%    | 1.0%    | 1.0%    |       |
| Flat                  | 0.0%     | 0.0%    | 0.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.0%    | 0.0%    | 0.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.0%    | 0.0%    | 0.0%    | 0.0%    |       |
| Expenses              |          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         | A STATE OF THE STA |         |         |         |         |       |
| Salaries              | Budget   | 10.0%   | 3.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.0%    | 3.0%    | 3.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.0%    | 3.0%    | 3.0%    | 3.0%    |       |
| Benefits              | Budget   | 3.5%    | 3.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.5%    | 3.5%    | 3.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.5%    | 3.5%    | 3.5%    | 3.5%    |       |
| Benefits - Medical    | Budget   | 4.5%    | 4.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.5%    | 4.5%    | 4.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.5%    | 4.5%    | 4.5%    | 4.5%    |       |
| Benefits - Retirement | Budget   | 4.0%    | 4.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.0%    | 4.0%    | 4.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.0%    | 4.0%    | 4.0%    | 4.0%    |       |
| Materials & Supplies  | Budget   | 3.0%    | 3.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.0%    | 3.0%    | 3.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.0%    | 3.0%    | 3.0%    | 3.0%    |       |
| Equipment             | Budget   | 4.0%    | 4.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.0%    | 4.0%    | 4.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.0%    | 4.0%    | 4.0%    | 4.0%    |       |
| Miscellaneous         | Budget   | 2.0%    | 2.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.0%    | 2.0%    | 2.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.0%    | 2.0%    | 2.0%    | 2.0%    |       |
| Utilities             | Budget   | 4.0%    | 4.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.0%    | 4.0%    | 4.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.0%    | 4.0%    | 4.0%    | 4.0%    |       |
| Flat                  | 0.0%     | 0.0%    | 0.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.0%    | 0.0%    | 0.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.0%    | 0.0%    | 0.0%    | 0.0%    |       |
| General Expenses      | Budget   | 3.5%    | 3.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.5%    | 3.5%    | 3.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.5%    | 3.5%    | 3.5%    | 3.5%    |       |
| nterest               | 0.8%     | 0.9%    | 1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.0%    | 1.0%    | 1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.0%    | 1.0%    | 1.0%    | 1.0%    |       |
| New Debt Service      |          |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |         |         |       |
| ow Interest Loans     |          |         | A STATE OF THE PARTY OF THE PAR | AND A   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |         |         |       |
| Term in Years         | 20       | 20      | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20      | 20      | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20      | 20      | 20      | 20      |       |
| Rate                  | 2.5%     | 2.5%    | 2.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.5%    | 2.5%    | 2.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.5%    | 2.5%    | 2.5%    | 2.5%    |       |
| levenue Bond          |          |         | The Marie                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |         |         |       |
| Term in Years         | 20       | 20      | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20      | 20      | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20      | 20      | 20      | 20      |       |
| Rate                  | 4.5%     | 4.5%    | 4.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.5%    | 4.5%    | 4.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.5%    | 4.5%    | 4.5%    | 4.5%    |       |

Page 1 of 5

|                                          | Budgeted     |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Projected    |                    |              |                    |              |                          |
|------------------------------------------|--------------|--------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|--------------|--------------------|--------------|--------------------------|
|                                          | 2020-21      | 2021-22      | 2022-23      | 2023-24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2024-25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2025-26      | 2026-27            | 2027-28      | 2028-29            | 2029-30      | Notes                    |
| Revenues                                 |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                    |              |                    |              |                          |
| Rate Revenues                            |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                    |              |                    |              |                          |
| Single Family                            | \$7,889,200  | \$7,889,200  | \$7,928,646  | \$7,968,289                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$8,008,131                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$8,048,171  | \$8,088,412        | \$8,128,854  | \$8,169,499        | \$8,210,346  | As Customer Growth       |
| Duplex                                   | 78,408       | 78,408       | 78,800       | 79,194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 79,590                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 79,988       | 80,388             | 80,790       | 81.194             | 81.600       | As Customer Growth       |
| 3 - 4 Units                              | 225,641      | 225,641      | 226,769      | 227,903                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 229,042                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 230,188      | 231,339            | 232,495      | 233,658            | 234,826      | As Customer Growth       |
| 5 - 9 Units                              | 636,847      | 636,847      | 640,031      | 643,232                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 646,448                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 649,680      | 652,928            | 656,193      | 659,474            | 662,771      | As Customer Growth       |
| 10+ Units                                | 2,110,918    | 2,110,918    | 2,121,472    | 2,132,080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,142,740                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,153,454    | 2,164,221          | 2,175,042    | 2,185,917          | 2,196,847    | As Customer Growth       |
| Non Residential                          | 3,367,081    | 3,367,081    | 3,383,916    | 3,400,836                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3,417,840                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3,434,929    | 3,452,104          | 3,469,364    | 3,486,711          | 3,504,145    | As Customer Growth       |
| Hand Billed                              | 981,561      | 981,561      | 986,469      | 991,401                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 996,358                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1,001,340    | 1,006,346          | 1,011,378    | 1,016,435          | 1,021,517    | As Customer Growth       |
|                                          |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | 1,000,340          |              | 1,010,433          | 1,021,517    | As customer drown        |
| Total Rate Revenues                      | \$15,289,655 | \$15,289,655 | \$15,366,103 | \$15,442,934                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$15,520,148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$15,597,749 | \$15,675,738       | \$15,754,117 | \$15,832,887       | \$15,912,052 |                          |
| Other Revenues                           |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0            | 100                |              |                    |              |                          |
|                                          | 4            |              | *****        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A.           | 100                | 2.00         |                    |              |                          |
| Suppl. Property Tax Assess.              | \$16,000     | \$16,000     | \$16,080     | \$16,160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$16,241                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$16,322     | \$16,404           | \$16,486     | \$16,568           | \$16,651     | As Customer Growth       |
| Homeoner Property Tax Relief             | 4,300        | 4,300        | 4,322        | 4,343                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4,365                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4,387        | 4,409              | 4,431        | 4,453              | 4,475        | As Customer Growth       |
| Private Sewer Lateral Assit. Program     | 66,500       | 66,500       | 66,833       | 67,167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 67,502                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 67,840       | 68,179             | 68,520       | 68,863             | 69,207       | As Customer Growth       |
| Property Tax                             | 962,419      | 962,419      | 967,231      | 972,067                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 976,928                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 981,812      | 986,721            | 991,655      | 996,613            | 1,001,596    | As Customer Growth       |
| Franchise Fees                           | 137,081      | 137,081      | 137,766      | 138,455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 139,148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 139,843      | 140,542            | 141,245      | 141,951            | 142,661      | As Customer Growth       |
| Recycled Water                           | 42,000       | 440,000      | 440,000      | 440,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 440,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 440,000      | 440,000            | 440,000      | 440,000            | 440,000      | As Flat                  |
| Education Revenue Augmentation Fund      | 325,000      | 325,000      | 326,625      | 328,258                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 329,899                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 331,549      | 333,207            | 334,873      | 336,547            | 338,230      | As Customer Growth       |
| Inspections / Permits / Application Fees | 31,733       | 31,733       | 31,892       | 32,051                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32,211                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32,372       | 32,534             | 32,697       | 32,860             | 33,025       | As Customer Growth       |
| Interest                                 | 36,431       | 6,399        | 51,903       | 44,168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 31,026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40,528       | 37,223             | 37,399       | 37,811             | 38,463       | Calculated               |
| Total Other Revenues                     | \$1,621,464  | \$1,989,432  | \$2,042,651  | \$2,042,670                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$2,037,321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$2,054,654  | \$2,059,219        | \$2,067,305  | \$2,075,667        | \$2,084,309  |                          |
| otal Revenues                            | \$16,911,119 | \$17,279,087 | \$17,408,754 | \$17,485,604                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$17,557,469                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$17,652,403 | \$17,734,957       | \$17,821,422 | \$17,908,554       | \$17,996,360 |                          |
|                                          |              | ,,           | V=1/112/11   | Will Aller                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | V-1,001,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | V21/002/100  | <b>V21,101,551</b> | Q27,022,422  | <b>717,300,334</b> | \$17,550,500 |                          |
| xpenses                                  |              |              |              | A CONTRACTOR OF THE PARTY OF TH | CONTRACTOR OF THE PERSON OF TH |              |                    |              |                    |              |                          |
| Vages & Benefits                         |              |              | -            | - 4000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                    |              |                    |              |                          |
| Regular Staff Salaries                   | \$3,344,036  | \$3,678,440  | \$3,788,793  | \$3,902,457                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$4,019,530                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$4,140,116  | \$4,264,320        | \$4,392,249  | \$4,524,017        | \$4,659,737  | As Salaries              |
| Overtime                                 | 92,778       | 102,056      | 105,117      | 108,271                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 111,519                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 114,865      | 118,311            | 121,860      | 125,516            | 129,281      | As Salaries              |
| Vacation and Sick Accrual                | 64,000       | 66,240       | 68,558       | 70,958                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 73,441                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 76,012       | 78,672             | 81,426       | 84,276             | 87,225       | As Benefits              |
| Stand By                                 | 78,409       | 86,250       | 88,837       | 91,503                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 94,248                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 97,075       | 99,987             | 102,987      | 106.076            | 109,259      | As Salaries              |
| Directors Salary                         | 74,380       | 81,818       | 84,273       | 86,801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 89,405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 92,087       | 94,849             | 97.695       | 100,626            | 103,645      | As Salaries              |
| Directors Benefits                       | 9,188        | 9,510        | 9,842        | 10,187                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10,543                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10,912       | 11,294             | 11,690       | 12,099             | 12,522       | As Benefits              |
| Payroll Taxes                            | 250,735      | 275,809      | 284,083      | 292,605                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 301,383                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 310,425      | 319,738            | 329,330      | 339,210            | 349.386      | As Salaries              |
| Group Life Insurance                     | 7,150        | 7,400        | 7,659        | 7,927                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8,205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8,492        | 8,789              | 9,097        | 9,415              | 9,745        | As Benefits              |
| PERS                                     | 829,317      | 862,490      | 896,989      | 932,869                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 970,184                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1,008,991    |                    |              |                    |              |                          |
| Health Insurance                         | 671,278      | 701,486      | 733.052      | 766,040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 800,512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 836,535      | 1,049,351          | 1,091,325    | 1,134,978          | 1,180,377    | As Benefits - Retirement |
| Dental Insurance                         | 21,000       | 21,945       | 22,933       | 23,964                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 25,043                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 26,170       | 874,179            | 913,517      | 954,625            | 997,583      | As Benefits - Medical    |
| Vision Insurance                         |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | 27,347             | 28,578       | 29,864             | 31,208       | As Benefits - Medical    |
| Long Term Disability                     | 4,253        | 4,444        | 4,644        | 4,853                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5,072                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5,300        | 5,539              | 5,788        | 6,048              | 6,320        | As Benefits - Medical    |
|                                          | 29,276       | 30,593       | 31,970       | 33,409                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 34,912                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 36,483       | 38,125             | 39,841       | 41,633             | 43,507       | As Benefits - Medical    |
| Auto Allowance                           | 24,465       | 25,321       | 26,208       | 27,125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 28,074                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 29,057       | 30,074             | 31,126       | 32,216             | 33,343       | As Benefits              |
| Commute Stipend                          | 36,000       | 37,260       | 38,564       | 39,914                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 41,311                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 42,757       | 44,253             | 45,802       | 47,405             | 49,064       | As Benefits              |
| Payroll Processing                       | 12,729       | 13,111       | 13,504       | 13,909                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14,327                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14,756       | 15,199             | 15,655       | 16,125             | 16,608       | As Materials & Supplies  |
| Conferences                              | 68,500       | 70,555       | 72,672       | 74,852                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 77,097                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 79,410       | 81,793             | 84,246       | 86,774             | 89,377       | As Materials & Supplies  |
| Mileage and Travel                       | 8,000        | 8,240        | 8,487        | 8,742                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9,004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9,274        | 9,552              | 9,839        | 10,134             | 10,438       | As Materials & Supplies  |
| Employee Recognition                     | 6,000        | 6,120        | 6,242        | 6,367                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6,495                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6,624        | 6,757              | 6,892        | 7,030              | 7,171        | As Miscellaneous         |
| Employee Training and Education          | 25,600       | 26,112       | 26,634       | 27,167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 27,710                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 28,264       | 28,830             | 29,406       | 29,994             | 30,594       | As Miscellaneous         |
| Total Wages & Benefits                   | \$5,657,094  | \$6,115,199  | \$6,319,063  | \$6,529,919                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$6,748,015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$6,973,606  | \$7,206,958        | \$7,448,348  | \$7,698,060        | \$7,956,391  |                          |

Page 2 of 5

|                                    | Budgeted    |             |             |                                        |             | Projected   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                   |                   |                                                 |
|------------------------------------|-------------|-------------|-------------|----------------------------------------|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------------------------------------|
|                                    | 2020-21     | 2021-22     | 2022-23     | 2023-24                                | 2024-25     | 2025-26     | 2026-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2027-28           | 2028-29           | 2029-30           | Notes                                           |
| Insurance                          |             |             |             |                                        |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                   |                   |                                                 |
| Workers Comp Insurance             | \$46,000    | \$46,920    | \$47,858    | \$48,816                               | \$49,792    | \$50,788    | \$51,803                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$52,840          | \$53,896          | \$54,974          | As Miscellaneous                                |
| Unemployment Insurance             | 0           | 0           | 0           | 0                                      | 0           | 0           | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                 | 0                 | 0                 | As Miscellaneous                                |
| Pooled Liability Insurance         | 128,029     | 209,900     | 214,098     | 218,380                                | 222,748     | 227,203     | 231,747                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 236,381           | 241,109           | 245,931           | As Miscellaneous                                |
| Fidelity Bond                      | 1,047       | 1,068       | 1,089       | 1,111                                  | 1,133       | 1,156       | 1,179                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1,203             | 1,227             | 1,251             | As Miscellaneous                                |
| Total Insurance                    | \$175,076   | \$257,888   | \$263,046   | \$268,307                              | \$273,673   | \$279,146   | \$284,729                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$290,424         | \$296,232         | \$302,157         |                                                 |
|                                    |             |             |             |                                        |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                   |                   |                                                 |
| epairs & Maintenance               | \$37,163    | \$69,100    | \$71,173    | \$73,308                               | \$75,507    | \$77,773    | \$80,106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$82,509          | \$84,984          | \$87,534          | As Materials & Supplies                         |
| Vehicle Parts & Maintenace         |             | 40,900      | 42,127      | 43,391                                 | 44,693      | 46,033      | 47,414                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 48,837            | 50,302            | 51,811            | As Materials & Supplies                         |
| Building Maintenance               | 38,500      |             |             |                                        |             |             | 69,788                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 71,882            | 74,038            | 76,260            | As Materials & Supplies                         |
| Grounds Maintenance                | 65,532      | 60,200      | 62,006      | 63,866                                 | 65,782      | 67,756      | AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS |                   |                   |                   |                                                 |
| Power Gen Maint & Repair           | 40,000      | 38,400      | 39,552      | 40,739                                 | 41,961      | 43,220      | 44,516                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45,852<br>190,093 | 47,227<br>195,796 | 48,644<br>201,670 | As Materials & Supplies As Materials & Supplies |
| Reclamation Maintenance            | 25,000      | 159,200     | 163,976     | 168,895                                | 173,962     | 179,181     | 184,556                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                   |                   |                                                 |
| Equipment Maintenance              | 88,500      | 61,700      | 63,551      | 65,458                                 | 67,421      | 69,444      | 71,527                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 73,673            | 75,883            | 78,160            | As Materials & Supplies                         |
| Equipment Repair                   | 194,900     | 249,400     | 256,882     | 264,588                                | 272,526     | 280,702     | 289,123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 297,797           | 306,731           | 315,932           | As Materials & Supplies                         |
| Capital Repairs / Replacements     | 207,000     | 311,600     | 320,948     | 330,576                                | 340,494     | 350,709     | 361,230                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 372,067           | 383,229           | 394,726           | As Materials & Supplies                         |
| Total Repairs & Maintenance        | \$696,595   | \$990,500   | \$1,020,215 | \$1,050,821                            | \$1,082,346 | \$1,114,816 | \$1,148,261                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,182,709       | \$1,218,190       | \$1,254,736       |                                                 |
| ontract Services                   |             |             |             |                                        | Maria       | 1           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                   |                   |                                                 |
| Outside Services                   | \$206,756   | \$933,500   | \$966,173   | \$999,989                              | \$1,034,988 | \$1,071,213 | \$1,108,705                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,147,510       | \$1,187,673       | \$1,229,241       | As General Expenses                             |
| Pollution Prevention Program       | 12,500      | 19,900      | 20,597      | 21,317                                 | 22,063      | 22,836      | 23,635                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 24,462            | 25,318            | 26,204            | As General Expenses                             |
| Lab Contract Services              | 43,000      | 50,700      | 52,475      | 54,311                                 | 56,212      | 58,179      | 60,216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 62,323            | 64,505            | 66,762            | As General Expenses                             |
| Special Monitoring / Pilot Testing | 0           | 0           | 0.,         | 0                                      | 0           | 0           | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                 | 0                 | 0                 | As General Expenses                             |
| Janitorial                         | 14,946      | 21,800      | 22,454      | 23,128                                 | 23,821      | 24,536      | 25,272                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 26,030            | 26,811            | 27,616            | As Materials & Supplies                         |
| Aguatic Review                     | 5,000       | 5,100       | 5,279       | 5,463                                  | 5,654       | 5,852       | 6,057                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6,269             | 6.489             | 6,716             | As General Expenses                             |
| Uniform Service                    | 6,800       | 12,500      | 12,938      | 13,390                                 | 13.859      | 14,344      | 14.846                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 15,366            | 15,903            | 16,460            | As General Expenses                             |
|                                    | 10,000      | 10,000      | 10,350      | 10,712                                 | 11,087      | 11,475      | 11,877                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12,293            | 12,723            | 13,168            | As General Expenses                             |
| Damage Claim                       | 76,350      | 90,600      | 93,771      | 97,053                                 | 100,450     | 103,966     | 107,604                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 111,371           | 115,269           | 119,303           | As General Expenses                             |
| Sludge Disposal                    |             | 206,700     | 213.935     | 221,422                                | 229,172     | 237,193     | 245,495                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 254,087           | 262,980           | 272,184           | As General Expenses                             |
| Regulatory Consultant              | 354,784     |             |             | 39,742                                 |             | 42,573      | 44,063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45,605            | 47,202            | 48,854            | As General Expenses                             |
| Engineering Consultant             | 25,000      | 37,100      | 38,399      | ************************************** | 41,133      |             | 119,006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 123,171           | 127,482           | 131,944           | As General Expenses                             |
| Lateral Rehab Assistance Program   | 100,000     | 100,200     | 103,707     | 107,337                                | 111,094     | 114,982     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 159,189           | 164,760           | 170,527           |                                                 |
| Legal                              | 123,600     | 129,500     | 134,033     | 138,724                                | 143,579     | 148,604     | 153,805                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                   |                   | As General Expenses                             |
| Audit                              | 27,000      | 28,200      | 29,187      | 30,209                                 | 31,266      | 32,360      | 33,493                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 34,665            | 35,878            | 37,134            | As General Expenses                             |
| Consultants                        | 170,000     | 97,100      | 100,499     | 104,016                                | 107,657     | 111,424     | 115,324                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 119,361           | 123,538           | 127,862           | As General Expenses                             |
| Feasibility Studies                | 0           | 55,000      | 56,925      | 58,917                                 | 60,979      | 63,114      | 65,323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 67,609            | 69,975            | 72,424            | As General Expenses                             |
| Financial Services                 | 0           | 18,000      | 18,630      | 19,282                                 | 19,957      | 20,655      | 21,378                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 22,127            | 22,901            | 23,703            | As General Expenses                             |
| Total Contract Services            | \$1,175,736 | \$1,815,900 | \$1,879,348 | \$1,945,012                            | \$2,012,972 | \$2,083,307 | \$2,156,100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$2,231,437       | \$2,309,407       | \$2,390,103       |                                                 |
| mall Tools & Supplies              |             |             |             |                                        |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                   |                   |                                                 |
| Hypochlorite                       | \$54,000    | \$55,620    | \$57,289    | \$59,007                               | \$60,777    | \$62,601    | \$64,479                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$66,413          | \$68,406          | \$70,458          | As Materials & Supplies                         |
| Bisulfite                          | 46,000      | 47,380      | 48,801      | 50,265                                 | 51,773      | 53,327      | 54,926                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 56,574            | 58,271            | 60,020            | As Materials & Supplies                         |
| Misc Chemicals                     | 87,000      | 89,610      | 92,298      | 95,067                                 | 97,919      | 100,857     | 103,883                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 106,999           | 110,209           | 113,515           | As Materials & Supplies                         |
| General Operating Supplies         | 40,250      | 41,458      | 42,701      | 43,982                                 | 45,302      | 46,661      | 48,061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 49,502            | 50,987            | 52,517            | As Materials & Supplies                         |
| Fuel & Oil                         | 33,803      | 34,817      | 35,862      | 36,937                                 | 38,046      | 39,187      | 40,363                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 41,573            | 42,821            | 44,105            | As Materials & Supplies                         |
| Safety Equipment & Supplies        | 38,450      | 39,988      | 41,588      | 43,251                                 | 44,981      | 46,780      | 48,652                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 50,598            | 52,621            | 54,726            | As Equipment                                    |
| Safety Services                    | 60,000      | 61,800      | 63,654      | 65,564                                 | 67,531      | 69,556      | 71,643                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 73,792            | 76,006            | 78,286            | As Materials & Supplies                         |
| Small Tools                        | 25,000      | 25,750      | 26,523      | 27,318                                 | 28,138      | 28,982      | 29,851                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30,747            | 31,669            | 32,619            | As Materials & Supplies                         |
|                                    |             |             |             |                                        |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                   |                   |                                                 |
| Total Small Tools & Supplies       | \$384,503   | \$396,423   | \$408,715   | \$421,392                              | \$434,467   | \$447,951   | \$461,857                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$476,199         | \$490,991         | \$506,247         |                                                 |

Page 3 of 5

|                                | Budgeted    |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Proiected      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |              |                                                      |
|--------------------------------|-------------|--------------|--------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|------------------------------------------------------|
|                                | 2020-21     | 2021-22      | 2022-23      | 2023-24      | 2024-25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2025-26        | 2026-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2027-28      | 2028-29      | 2029-30      | Notes                                                |
| Utilities                      |             |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |              |                                                      |
| Utility Power                  | \$237,920   | \$247,437    | \$257,334    | \$267,628    | \$278,333                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$289,466      | \$301,045                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$313,086    | \$325,610    | \$338,634    | As Utilities                                         |
| Telephone                      | 42,205      | 43,893       | 45,649       | 47,475       | 49,374                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 51,349         | 53,403                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 55,539       | 57,760       | 60,071       | As Utilities                                         |
| Water                          | 7,687       | 7,994        | 8,314        | 8,647        | 8,993                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9,352          | 9,727                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10.116       | 10,520       | 10,941       | As Utilities                                         |
| Total Utilities                | \$287,812   | \$299,324    | \$311,297    | \$323,749    | \$336,699                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$350,167      | \$364,174                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$378,741    | \$393,891    | \$409,646    | 75 Stiller                                           |
| General & Administrative       |             |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |              |                                                      |
| Election                       | \$25,000    | \$25,500     | \$26,010     | \$26,530     | \$27.061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$27,602       | \$28,154                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$28,717     | \$29,291     | \$29.877     | As Miscellaneous                                     |
| Office Supplies                | 27,200      | 28.016       | 28,856       | 29,722       | 30,614                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 31,532         | 32,478                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 33,453       | 34,456       | 35,490       | As Materials & Supplies                              |
| Computer Support and Supplies  | 84,500      | 187,600      | 193,228      | 199,025      | 204,996                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 211,145        | 217,480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 224,004      | 230,724      | 237,646      | As Materials & Supplies As Materials & Supplies      |
| Bank Charges                   | 1,500       | 1,530        | 1,561        | 1,592        | 1,624                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1,656          | 1,689                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1,723        | 1,757        | 1,793        | As Miscellaneous                                     |
| User Charge Collection Fee     | 35,000      | 36,050       | 37.132       | 38,245       | 39,393                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40,575         | 41,792                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 43,046       | 44,337       |              |                                                      |
| Publication and Legal Ads      | 16,606      | 17,104       | 17,617       | 18,146       | 18,690                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 19,251         | 19,828                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |              | 45,667       | As Materials & Supplies                              |
| Public Education and Outreach  | 65,000      | 66,950       | 68,959       | 71,027       | 73,158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 75,353         | 100 pt 10 | 20,423       | 21,036       | 21,667       | As Materials & Supplies                              |
| Taxes, Other                   | 9,000       | 9,180        | 9,364        | 9.551        | 9,742                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9,937          | 77,613                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 79,942       | 82,340       | 84,810       | As Materials & Supplies                              |
| Memberships                    | 46,495      | 47,425       | 48,373       | 49,341       | 50,328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 51.334         | 10,135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10,338       | 10,545       | 10,756       | As Miscellaneous                                     |
| Permits                        | 20,250      | 20,655       | 21,068       |              | The state of the s | Charles States | 52,361                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 53,408       | 54,476       | 55,566       | As Miscellaneous                                     |
| Fines                          | 20,230      | 20,633       | 21,068       | 21,489<br>0  | 21,919                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 22,358         | 22,805                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 23,261       | 23,726       | 24,201       | As Miscellaneous                                     |
| Rents and Leases               | 119.652     | 123,242      | 126,939      |              | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0              | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 0            | 0            | As Materials & Supplies                              |
| Miscellaneous Expenses         |             |              |              | 130,747      | 134,669                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 138,709        | 142,871                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 147,157      | 151,572      | 156,119      | As Materials & Supplies                              |
| wiscenarieous Expenses         | 1,000       | 1,020        | 1,040        | 1,061        | 1,082                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1,104          | 1,126                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1,149        | 1,172        | 1,195        | As Miscellaneous                                     |
| Total General & Administrative | \$451,203   | \$564,272    | \$580,147    | \$596,477    | \$613,276                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$630,556      | \$648,333                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$666,620    | \$685,433    | \$704,786    |                                                      |
| Additional O&M                 |             |              |              |              | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |              |                                                      |
| Staffing Adjustments           | \$0         | \$495,432    | \$510,295    | \$525,604    | \$541,372                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$557,613      | \$574,341                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$591,572    | \$609,319    | \$627,598    | As Salaries                                          |
| Total Additional O&M           | \$0         | \$495,432    | \$510,295    | \$525,604    | \$541,372                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$557,613      | \$574,341                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$591,572    | \$609,319    | \$627,598    | As Julaties                                          |
| Total O&M Expenses             | 40.000.000  |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |              |                                                      |
| Total O&IVI Expenses           | \$8,828,019 | \$10,934,937 | \$11,292,125 | \$11,661,282 | \$12,042,819                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$12,437,163   | \$12,844,754                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$13,266,050 | \$13,701,524 | \$14,151,665 |                                                      |
| Rate Funded Capital            | \$3,250,000 | \$3,250,000  | \$5,000,000  | \$6,100,000  | \$7,750,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$6,000,000    | \$7,700,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$7,975,000  | \$8,250,000  | \$8,525,000  | \$2,654,616 2018-19 Dep. Exp.                        |
| Debt Service                   |             |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |              |                                                      |
| Municipal Finance              | \$698,760   | \$709,125    | \$708,665    | \$717,380    | \$725,105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$730,660      | \$0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$0          | \$0          | \$0          | Exhibit 5                                            |
| SRF                            | 285,464     | 285,464      | 285,464      | 285,464      | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 285,464        | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 285,464      | 285,464      | 285,464      | Exhibit 5                                            |
| Bank of Marin \$4.6            | 332,681     | 332,681      | 332,682      | 332,681      | 332,682                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,681        | 332,682                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,681      | 332,682      | 332,681      | Exhibit 5                                            |
| Bank of Marin \$2.0            | 235,346     | 235,346      | 39,226       | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0              | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 0            | 0            | Exhibit 5                                            |
| 2017 Revenue Bonds             | 2,449,000   | 2,447,800    | 2,445,000    | 2.445,600    | 2,449,400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,446,200      | 2,446,200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,449,200    | 2,445,000    | 2,448,800    | Exhibit 5                                            |
| 2019 IBank Loan                | 803,446     | 803,446      | 803,446      | 803,446      | 803,446                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 803,446        | 803,446                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 803,446      | 803,446      | 803,446      | Exhibit 5                                            |
| MMWD Reimburse - BofM          | 0           | (206,549)    | (157,054)    | (107,560)    | (107,560)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (107,560)      | (107,560)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (107,560)    | (107,560)    | (107,560)    | Exhibit 5                                            |
| MMWD Reimburse - Rev Bond      | ō           | (256,804)    | (256,427)    | (256,490)    | (256,888)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (256,553)      | (256,553)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (256,867)    | (256,427)    | (256,825)    | Exhibit 5                                            |
| Assumed Low Interest Loan      | 0           | 0            | (230, 127)   | 0            | (250,000)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (230,333)      | (230,333)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (230,867)    | (230,427)    | (230,823)    |                                                      |
| Assumed Revenue Bond           | 0           | 0            | 0            | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0              | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 0            | 0            | Calc'd @ 2.5% for 20 yrs                             |
| Additional Long-Term Debt      | 0           | Ö            | 0            | 691,885      | 691,885                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 691,885        | 2,033,374                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2,033,374    | 2,033,374    | 2,033,374    | Calc'd @ 4.5% for 20 yrs<br>Calc'd @ 4.5% for 20 yrs |
| Total Debt Service             | \$4,804,697 | \$4,350,509  | \$4,201,002  | \$4,912,406  | \$4,923,534                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$4,926,223    | \$5,537,053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$5,539,738  | \$5,535,979  | \$5,539,380  |                                                      |
| LESS: Other Funding            |             |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |              |                                                      |
| Plus: Capital Facility Charges |             |              |              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |              |                                                      |
| rius. Capitai Facility Charges | \$0         | \$0          | \$0          | \$0          | \$0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$0            | \$0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$0          | \$0          | \$0          |                                                      |
| Net Debt Service               | \$4,804,697 | \$4,350,509  | \$4,201,002  | \$4,912,406  | \$4,923,534                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$4,926,223    | \$5,537,053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$5,539,738  | \$5,535,979  | \$5,539,380  |                                                      |

5 of 16

Proposed CIP

04.12.2021

Page 4 of 5

| Budgeted Projected                                                                                                                            |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 2020-21 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29                                                                       | 2029-30       |
| ve Funding                                                                                                                                    |               |
| o / (From) Working Cashflow \$28,404 \$196,158 (\$26,134) (\$355,490) (\$366,321) \$400,393 \$2,338 \$35,194 \$82,394                         | \$130,508     |
| o / (From) Capital Reserve 0 0 0 0 0 1,500,000 0 0 0                                                                                          | 0             |
| o / (From) Rate Stabilization 0 0 0 0 0 0 0 0 0 0                                                                                             | 0             |
| o / (From) Emergancy Repair 0 0 0 0 0 0 0 0 0                                                                                                 | 0             |
| otal Reserve Funding \$28,404 \$196,158 (\$26,134) (\$355,490) (\$366,321) \$1,900,393 \$2,338 \$35,194 \$82,394                              | \$130,508     |
| Revenue Requirement \$16,911,119 \$18,731,604 \$20,466,993 \$22,318,198 \$24,350,032 \$25,263,779 \$26,084,145 \$26,815,981 \$27,569,897 \$   | \$28,346,552  |
| al. / (Def.) of Funds \$0 (\$1,452,517) (\$3,058,239) (\$4,832,594) (\$6,792,563) (\$7,611,375) (\$8,349,187) (\$8,994,560) (\$9,661,343) (\$ | \$10,350,192) |
| alance a % of Rate Adj. Req'd 0.0% 9.5% 19.9% 31.3% 43.8% 48.8% 53.3% 57.1% 61.0%                                                             | 65.0%         |
| sed Rate Adjustment 0.0% 9.5% 9.5% 9.5% 9.5% 3.5% 3.0% 2.5% 2.5%                                                                              | 2.5%          |
| Tonths of Adjustment 12 12 12 12 12 12 12 12 12 12 12 12 12                                                                                   | 12            |
|                                                                                                                                               | \$10,350,192  |
| al. / (Def.) After Rate Adj. \$0 \$0 \$0 \$0 \$0 \$0 \$0                                                                                      | \$0           |
| Rate Adj. Reg'd 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0                                                                                        | 0.0%          |
| Il Single Family Customer Bill \$968.00                                                                                                       |               |
| ustomer Bill on Proposed Adjustment \$968.00 \$1,059.96 \$1,160.66 \$1,270.92 \$1,391.66 \$1,440.36 \$1,483.57 \$1,520.66 \$1,558.68          | \$1,597.65    |
| 38.02 nous little liference 0.00 91.96 100.70 110.26 120.74 48.71 43.21 37.09 38.02                                                           | 38.97         |
| umulative Bill Difference 0.00 91.96 192.66 302.92 423.66 472.36 515.57 552.66 590.68                                                         | 629.65        |
| amount on sincreme                                                                                                                            |               |
| \$88.33 \$96.72 p                                                                                                                             |               |
| \$88.33 \$96.72 p                                                                                                                             |               |
|                                                                                                                                               | 0.69<br>2.56  |

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|                                        | Budgeted    |             |             |             |             | Projected    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |                    |                      |
|----------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------------|----------------------|
|                                        | 2020-21     | 2021-22     | 2022-23     | 2023-24     | 2024-25     | 2025-26      | 2026-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2027-28      | 2028-29      | 2029-30            | Notes                |
| Reserve Funds                          |             |             |             |             |             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |                    |                      |
| Beginning Reserve Balance              | \$7,079,424 | \$7,107,828 | \$7,261,726 | \$8,380,558 | \$6,833,639 | \$4,205,239  | \$6,105,631                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$5,444,561  | \$5,479,755  | \$5,562,149        |                      |
| Working Cashflow                       |             |             |             |             |             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |                    |                      |
| Beginning Balance                      | \$2,185,612 | \$2,214,016 | \$2,410,174 | \$2,384,040 | \$2,028,549 | \$1,662,228  | \$2,062,621                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$2,064,958  | \$2,100,152  | \$2,182,547        |                      |
| Plus: Additions                        | 28,404      | 196,158     | 0           | 0           | 0           | 400,393      | 2,338                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 35,194       | 82,394       | 130,508            |                      |
| Ending Fund Balance                    | 0           | 0           | 0           | 0           | 0           | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (0)          | 02,334       | 130,308            |                      |
| Less: Uses of Funds                    | 0           | 0           | (26,134)    | (355,490)   | (366,321)   | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (0)          | 0            | 0                  |                      |
| Ending Balance                         | \$2,214,016 | \$2,410,174 | \$2,384,040 | \$2,028,549 | \$1,662,228 | \$2,062,621  | \$2,064,958                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$2,100,152  | \$2,182,547  | \$2,313,055        |                      |
| Target: 7 months of O&M + Debt Service | \$7,952,417 | \$8,916,510 | \$9,037,657 | \$9,667,985 | \$9,897,039 | \$10,128,642 | \$10,722,721                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$10,970,043 | \$11,221,876 | \$11,486,442       |                      |
| Capital Reserve                        |             |             |             |             |             |              | The same of the sa |              |              |                    |                      |
| Beginning Balance                      | \$2,593,812 | \$2,593,812 | \$2,551,553 | \$3,696,519 | \$2,505,090 | \$243,011    | \$1,743,011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,079,603  | \$1,079,603  | \$1,079,603        |                      |
| Plus: Additions                        | 0           | 0           | 1,144,966   | 0           | 0           | 1,500,000    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$1,079,603  | \$1,079,603  | \$1,079,603        |                      |
| Plus: Capital Facility Charges         | 0           | 0           | 0           | 0           | 0           | 1,500,000    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 0            | 0                  | As Misc. Revenues    |
| Plus: Carryover CIP Funding            | 0           | 7,839,717   | 0           | 0           | 0           | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 0            | 0                  | AS IVIISC. Reveilues |
| Plus: Federal Grant                    | 0           | 0           | 0           | 0           | 0           | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 0            | 0                  |                      |
| Less: Uses of Funds                    | 0           | (7,881,977) | 0           | (1,191,429) | (2,262,079) | 0            | (663,408)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0            | 0            | 0                  |                      |
| Ending Balance                         | \$2,593,812 | \$2,551,553 | \$3,696,519 | \$2,505,090 | \$243,011   | \$1,743.011  | \$1,079,603                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,079,603  | \$1,079,603  | \$1,079,603        |                      |
| Target                                 | \$4,000,000 | \$4,000,000 | \$4,000,000 | \$4,000,000 | \$4,000,000 | \$4,000,000  | \$4,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$4,000,000  | \$4,000,000  | \$4,000,000        |                      |
| Rate Stabilization                     |             |             |             |             |             |              | , ,,,,,,,,,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | * 1,000,000  | ¥ 1,000,000  | \$ 1,000,000       |                      |
| Beginning Balance                      | \$300,000   | \$300,000   | \$300,000   | \$300,000   | \$300,000   | \$300,000    | \$300,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$300,000    | 6200 000     | £200.000           |                      |
| Plus: Additions                        | 0           | 0           | 0           | 0           | 3300,000    | 3300,000     | \$300,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$300,000    | \$300,000    | \$300,000          |                      |
| Less: Uses of Funds                    | 0           | 0           | 0           | 0           | 0           | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 0            | 0                  |                      |
| Ending Balance                         | \$300,000   | \$300,000   | \$300,000   | \$300,000   | \$300,000   | \$300,000    | \$300,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$300,000    | \$300,000    | \$300,000          |                      |
| Target                                 | \$300,000   | \$300,000   | \$300,000   | \$300,000   | \$300,000   | \$300,000    | \$300,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$300,000    | \$300,000    | \$300,000          |                      |
|                                        | *****       |             |             | 1000,000    | \$300,000   | \$300,000    | \$300,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$300,000    | \$300,000    | \$300,000          |                      |
| Emergancy Repair                       |             |             |             | AD Y        |             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |                    |                      |
| Beginning Balance                      | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000  | \$1,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,000,000  | \$1,000,000  | \$1,000,000        |                      |
| Plus: Additions                        | 0           | 0           | 0           | 0           | 0           | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 91,000,000   | 31,000,000         |                      |
| Less: Uses of Funds                    | 0           | 0           | 0           | 0           | 0           | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | o            | 0            | 0                  |                      |
| Ending Balance                         | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000  | \$1,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,000,000  | \$1,000,000  | \$1,000,000        |                      |
| Target                                 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000  | \$1,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,000,000  | \$1,000,000  | \$1,000,000        |                      |
|                                        |             |             |             |             |             |              | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | V-,,         | 4-,,         | <b>\$2,000,000</b> |                      |
| Vehicled and Equipment Reserve         |             |             |             |             |             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |              |                    |                      |
| Beginning Balance                      | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000  | \$1,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,000,000  | \$1,000,000  | \$1,000,000        |                      |
| Plus: Additions                        | 0           | 0           | 0           | 0           | 0           | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 0            | 0                  |                      |
| Less: Uses of Funds                    | 0           | 0           | 0           | 0           | 0           | 0            | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0            | 0            | 0                  |                      |
| Ending Balance                         | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000 | \$1,000,000  | \$1,000,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,000,000  | \$1,000,000  | \$1,000,000        |                      |
| Ending Reserve Balance                 | \$7,107,828 | \$7,261,726 | \$8,380,558 | \$6,833,639 | \$4,205,239 | \$6,105,631  | \$5,444,561                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$5,479,755  | \$5,562,149  | \$5,692,657        |                      |

Inflation = 2,7%

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|                                                | 2020-21   | 2021-22     | 2022-23     | 2023-24     | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total       |
|------------------------------------------------|-----------|-------------|-------------|-------------|---------|---------|---------|---------|---------|---------|-------------|
| nning, Software, & Other Engineering           |           |             |             |             |         |         |         |         |         |         |             |
| Financial Software                             | \$0       | \$0         | \$0         | \$0         | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         |
| WW Master Plan Ph 2                            | 500,000   | 734,288     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 1,234,288   |
| WW Master Plan Ph 3                            | 0         | 313,235     | 105,473     | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 418,708     |
| WW Master Plan Flow Monitoring Support         | 50,000    | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 50,000      |
| On-Call Construction Contract                  | 100,000   | 102,700     | 105,473     | 108,321     | 0       | 0       | 0       | 0       | 0       | 0       | 416,494     |
| On-Call Engineering Contract                   | 210,000   | 281,001     | 105,473     | 108,321     | 0       | 0       | 0       | 0       | 0       | 0       | 704,794     |
| Project Files Scanning                         | 20,000    | 7,559       | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 27,559      |
| Drafting Software Upgrade                      | 10,000    | 9,655       | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 19,655      |
| Alternative Funding Pursuit                    | 50,000    | 73,028      | 15,821      | 16,248      | 0       | 0       | 0       | 0       | 0       | 0       | 155,097     |
| Centricity Maintenance, Support, & Training    | 30,000    | 30,810      | 31,642      | 32,496      | 0       | 0       | 0       | 0       | 0       | 0       | 124,948     |
| MFD/HOA/Com Lateral Ordinance Outreach/Survey  | 10,000    | 10,270      | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 20,270      |
| City Works Upgrades                            | 0         | 30,810      | 37,970      | 38,995      | 0       | 0       | 0       | 0       | 0       | 0       | 107,776     |
| CityWorks License for Engineering              | 0         | 10,270      | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 10,270      |
| Biosolids System Improvement Analysis          | 0         | 77,025      | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 77,025      |
| Accounting ERP Integration                     | 0         | 15,405      | 5,274       | 5,416       | 0       | 0       | 0       | 0       | 0       | 0       | 26,095      |
| Fleet Maintenance Software                     | 0         | 2,054       | 2,109       | 2,166       | 0       | 0       | 0       | 0       | 0       | 0       | 6,330       |
| IT Pipes Softwater Upgrade for Video Interface | 0         | 2,054       | 2,109       | 2,166       | 0       | 0       | 0       | 0       | 0       | 0       | 6,330       |
| Arc Flash Study                                | 0         | 141,726     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 141,726     |
| Sea Level Rise Mitigation Program Design       | 0         | 102,700     | 105,473     | 108,321     | 0       | 0       | 0       | 0       | 0       | 0       | 316,494     |
| Asset Management Onboarding Task 1 CMMS        | 0         | 113,997     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 113,997     |
| Asset Management Onboarding Task 2 - 5 CMMS    | 0         | 472,420     | 922,888     | 947,806     | 0       | 0       | 0       | 0       | 0       | 0       | 2,343,114   |
| Total Planning, Software, & Other Engineering  | \$980,000 | \$2,531,006 | \$1,439,705 | \$1,370,256 | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$6,320,967 |
| et & Equipment                                 |           |             |             |             |         |         |         |         |         |         |             |
| Tractor/Backhoe Replacement                    | \$0       | \$0         | \$0         | \$0         | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         |
| Small Pickup                                   | 0         | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0           |
| Forklift                                       | 0         | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0           |
| Total Fleet & Equipment                        | \$0       | \$0         | \$0         | \$0         | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$0         |

Inflation = 2.7%

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|                                                   | 2020-21     | 2021-22     | 2022-23     | 2023-24     | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total       | Note  |
|---------------------------------------------------|-------------|-------------|-------------|-------------|---------|---------|---------|---------|---------|---------|-------------|-------|
| Collection System                                 |             |             |             |             |         |         | 3000 27 | 2027 20 | 2020 23 | _023-30 |             | 14016 |
| Rafael Meadows Pump Station - Electrical          | \$100,000   | \$256,312   | SO          | \$0         | \$0     | \$0     | \$0     | \$0     | so      | so      | \$356,312   |       |
| John Duckett Pump Station & HWY 101 Terra Linda   | 0           | 205,400     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 205,400     |       |
| Force Main Assessment, Cleaning, Loc Mrkg, & Map  | 100,000     | 359,450     | 263,682     | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 723,132     |       |
| Marin Lagoon Pump Station                         | 134,509     | 278,856     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 413,365     |       |
| Manhole Frame & Cover Adjustment                  | 0           | 51,350      | 52,736      | 54,160      | 0       | 0       | 0       | 0       | 0       | 0       | 158,247     |       |
| Air Release Valves                                | 0           | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0           |       |
| Smith Ranch Pump Station Electrical Upgrades      | 60,000      | 318,370     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 378,370     |       |
| Contempo Marin Connection Improvement             | 200,000     | 143,780     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 343,780     |       |
| Standby/Towable Generators (Pump Stations)        | 150,000     | 410,800     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 560,800     |       |
| Pump Station Improvements                         | 200,000     | 256,750     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 456,750     |       |
| Fencing Improvements at Various Locations         | 60,000      | 61,620      | 63,284      | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 184,904     |       |
| IWMP Pump Station & Force Main Projects           | 100,000     | 256,750     | 263,682     | 2,166,413   | 04      | 0       | 0       | 0       | 0       | 0       | 2,786,846   |       |
| Automatic Transfer Switches for Pump Stations     | 105,000     | 256,750     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 361,750     |       |
| Emergency Bypass Analysis & Response Plan         | 45,000      | 115,109     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 160,109     |       |
| Annual Facility Paving at Various Locations       | 30,000      | 35,945      | 36,916      | 37,912      | 0       | 0       | 0       | 0       | 0       | 0       | 140,773     |       |
| Descanso Pump Station Odor Control                | 0           | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0           |       |
| Lower Marinwood Trunk Sewer                       | 0           | 0           | 0           | 64,992      | 0       | 0       | 0       | 0       | 0       | 0       | 64,992      |       |
| Marinwood HWY 101 Trunk Sewer                     | 0           | 0           | 0           | 64,992      | 0       | 0       | 0       | 0       | 0       | 0       | 64,992      |       |
| Mulligan PS wetwell upgrade                       | 0           | 61,620      | 263,682     | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 325,302     |       |
| Hawthorn Pump Station Fencing                     | 0           | 25,675      | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 25,675      |       |
| Rafael Meadows Pump Station - Civil               | 0           | 184,860     | 0           | 433,283     | 0       | 0       | 0       | 0       | 0       | 0       | 618,143     |       |
| SCADA Integration & Control Panel Replac. for PS  | 0           | 0           | 263,682     | 270,802     | 0       | 0       | 0       | 0       | 0       | 0       | 534,484     |       |
| Systemwide Cathodic Protection Improvements       | 0           | 0           | 210,946     | 216,641     | 0       | 0       | 0       | 0       | 0       | 0       | 427,587     |       |
| Smith Ranch Rd Combined Force Main                | 0           | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0           |       |
| Captains Cove and Marin Lagoon PS Telemetry       | 0           | 30,810      | 21,095      | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 51,905      |       |
| Smart Covers                                      | 0           | 15,405      | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 15,405      |       |
| Hose Trailer Equipment                            | 0           | 10,270      | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 10,270      |       |
| Lower Marinwood TS Capacity Upgrade & Relocation  | 0           | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0           |       |
| McInnis Pump Station Improvements                 | 0           | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0           |       |
| Sewer Main Rehabilitation (Locations TBD)         | 100,000     | 264,818     | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 364,818     |       |
| Smith Ranch PS Generator Diesel Conv.             | 0           | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0           |       |
| Vac Truck Recy. Water Filling Station & Wash Rack | 0           | 0           | 0           | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0           |       |
| Total Collection System                           | \$1,384,509 | \$3,600,701 | \$1,439,705 | \$3,309,196 | \$0     | ŚO      | ŚO      | \$0     | \$0     | \$0     | \$9,734,112 |       |

Inflation = 2.7%

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|                                                            | 2020-21   | 2021-22   | 2022-23   | 2023-24   | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total       | Note |
|------------------------------------------------------------|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|---------|-------------|------|
| Reclamation                                                |           |           |           |           |         |         |         |         |         |         |             |      |
| Reclamation Storage Pond Valves & Transfer Boxes           | \$0       | \$179,725 | \$0       | \$0       | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$179,725   |      |
| Reclamation Pump Station Improvements                      | 25,000    | 154,050   | 158,209   | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 337,259     |      |
| Marsh Pond Vegetation Removal & Long-Term Vegetation Mngmn | 0         | 161,186   | 0         | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 161,186     |      |
| Reclamation Shop Improvements                              | 60,000    | 0         | 0         | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 60,000      |      |
| Reclamation Bridge Load Capacity & Seismic Analysis        | 25,000    | 0         | 0         | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 25,000      |      |
| Reclamation Pasture Irrigation System Study                | 45,000    | 46,215    | 0         | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 91,215      |      |
| Automated Gate for Reclamation Bridge                      | 20,000    | 0         | 0         | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 20,000      |      |
| IWMP Reclamation Projects (Placeholder)                    | 50,000    | 154,050   | 158,209   | 162,481   | 0       | 0       | 0       | 0       | 0       | 0       | 524,740     |      |
| Reclamation Staging Area                                   | 0         | 0         | 63,284    | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 63,284      |      |
| Sludge Lagoon Liner Replacement/Repair                     | 0         | 0         | 79,105    | 81,241    | 0       | 0       | 0       | 0       | 0       | 0       | 160,345     |      |
| St. Vincent's Pump Station Improvements                    | 0         | 102,700   | 105,473   | 216,641   | 0       | 0       | 0       | 0       | 0       | 0       | 424,814     |      |
| Storage Pond 1 Transfer Pipe Repair                        | 0         | 0         | 0         | 108,321   | 0       | 0       | 0       | 0       | 0       | 0       | 108,321     |      |
| Reclamation Levee Capping                                  | 0         | 0         | 0         | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 0           |      |
| Pond Security Fencing                                      | 0         | 0         | 0         | 0         | 0       | 0       | 0       | 0       | 0       | 0       | 0           |      |
| Reclamation Storage Pond Algae Control                     | 0         | 0         | 47,463    | 108,321   | 0       | 0       | 0       | 0       | 0       | 0       | 155,783     |      |
| Total Reclamation                                          | \$225,000 | \$797,926 | \$611,743 | \$677,004 | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$2,311,673 |      |

Inflation = 2.7%

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|                                                              | 2020-21     | 2021-22     | 2022-23   | 2023-24     | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total        | Note |
|--------------------------------------------------------------|-------------|-------------|-----------|-------------|---------|---------|---------|---------|---------|---------|--------------|------|
| Freatment Plant                                              |             |             |           |             |         |         |         |         |         |         |              |      |
| Administration Building Design                               | \$0         | \$1,540,500 | SO        | \$0         | SO      | SO      | \$0     | \$0     | \$0     | \$0     | \$1,540,500  |      |
| Administration Building Site Eval                            | 47,312      | 22,454      | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 69,766       |      |
| Flow Equalization Basin                                      | 75,000      | 385,125     | 0         | 1.083.207   | 0       | 0       | 0       | 0       | 0       | 0       | 1,543,332    |      |
| Carport for Lab                                              | 40,000      | 0           | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 40,000       |      |
| Digester Room MCC #2 Upgrade                                 | 200,000     | 688,090     | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 888,090      |      |
| Digester Inspection & Coating                                | 0           | 308,100     | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 308,100      |      |
| Grit Chambers Coating & Auger Rebuild                        | 200,000     | 205,400     | 0         | 0           | o o     | 0       | 0       | 0       | 0       | 0       | 405,400      |      |
| Plant Lighting Improvements and Other Electrical Enhancement | 100,000     | 102,700     | 0         | 162,481     | 0       | -0      | 0       | 0       | 0       | 0       | 365,181      |      |
| Annual Plant Painting at Various Locations                   | 30,000      | 35,945      | 36,916    | 37.912      | 0       | 0       | 0       | 0       | 0       | 0       | 140,773      |      |
| Annual Plant Paving at Various Locations                     | 30,000      | 61,620      | 63,284    | 64,992      | 0       | 0       | 0       | 0       | 0       | 0       | 219,896      |      |
| Maintenance Shop & Locker Room Improvements                  | 50,000      | 51,350      | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 101,350      |      |
| Varec Flare Maintenance                                      | 60,000      | 0           | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 60,000       |      |
| Bioassay Tank Installation                                   | 45,000      | 0           | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 45,000       |      |
| Miscellaneous Plant Equipment Demolition & Disposal          | 30,000      | 0           | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 30,000       |      |
| IWMP Treatment Plant Projects (Placeholder)                  | 100,000     | 256,750     | 263,682   | 2,166,413   | 0       | 0       | 0       | 0       | 0       | 0       | 2,786,846    |      |
| BERS Tail Gas Piping                                         | 0           | 0           | 0         | 433,283     | 0       | . 0     | 0       | 0       | 0       | 0       | 433,283      |      |
| Chemical Tanks Replacement & Eyewash Station                 | 0           | 61,620      | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 61,620       |      |
| Comcast Cable Installation                                   | 0           | 0           | 0         | 270,802     | 0       | 0       | 0       | 0       | 0       | 0       | 270,802      |      |
| Covered Vehicle Parking & Storage                            | 0           | 0           | 0         | 216,641     | 0       | 0       | 0       | 0       | 0       | 0       | 216,641      |      |
| Primary Clarifier #1 Improvements                            | 0           | 308,100     | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 308,100      |      |
| Radio Antenna at Hawthorn Pump Station                       | 20,000      | 20,540      | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 40,540       |      |
| BERS Canopy & Paving                                         | 0           | 154,050     | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 154,050      |      |
| Disinfection System Review and Upgrade Design                | 0           | 0           | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 154,050      |      |
| Fixed Film Reactor Demolition                                | 0           | 0           | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | o o          |      |
| High Strength Waste Receiving Station                        | 0           | 0           | 0         | 0           | 0       | 0       | 0       |         | 0       | 0       | 0            |      |
| Plant Potable Water Hydrant Installation                     | 0           | 0           | 0         | 0           | 0       | 0       | 0       | 0       | 0       | 0       | 0            |      |
| Total Treatment Plant                                        | \$1,027,312 | \$4,202,344 | \$363,882 | \$4,435,731 | \$0     | \$0     | \$0     | \$0     | \$0     | \$0     | \$10,029,269 |      |

Inflation = 2.7%

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|                                                      | 2020-21     | 2021-22      | 2022-23     | 2023-24      | 2024-25      | 2025-26     | 2026-27      | 2027-28     | 2028-29     | 2029-30     | Total         |
|------------------------------------------------------|-------------|--------------|-------------|--------------|--------------|-------------|--------------|-------------|-------------|-------------|---------------|
| Financed Projects                                    |             |              |             |              |              |             |              |             |             |             |               |
| Secondary Treat. Plant Upgrade & Recycled Water Exp. | \$0         | \$0          | \$0         | \$0          | \$0          | \$0         | \$0          | \$0         | \$0         | \$0         | \$0           |
| Administration Building Construction                 | 0           | 0            | 0           | 0            | 3,337,360    | 3,427,469   | 25,813,408   | 0           | 0           | 0           | 32,578,236    |
| John Duckett PS & Terra Linda TS Construction        | 0           | 0            | 0           | 6,499,240    | 6,674,720    | 0           | 0            | 0           | 0           | 0           | 13,173,960    |
| Total Financed Projects                              | \$0         | \$0          | \$0         | \$6,499,240  | \$10,012,079 | \$3,427,469 | \$25,813,408 | \$0         | \$0         | \$0         | \$45,752,196  |
| Unidentified Future Capital Projects                 | \$74,408    | \$0          | \$0         | \$0          | \$0          | \$2,572,532 | \$0          | \$7,975,000 | \$8,250,000 | \$8,525,000 | \$27,396,940  |
| Transfer to Capital Reserve                          | \$0         | \$0          | \$1,144,966 | \$0          | \$0          | \$0         | \$0          | \$0         | \$0         | \$0         | \$1,144,966   |
| Total Capital Improvement Projects                   | \$3,691,229 | \$11,131,977 | \$5,000,000 | \$16,291,429 | \$10,012,079 | \$6,000,000 | \$25,813,408 | \$7,975,000 | \$8,250,000 | \$8,525,000 | \$102,690,122 |
| Less: Outside Funding Sources                        |             |              |             |              | A W          |             |              |             |             |             |               |
| Working Cashflow                                     | \$0         | so           | \$0         | \$0          | SO           | \$0         | \$0          | \$0         | \$0         | \$0         | \$0           |
| Capital Reserve                                      | 0           | 7,881,977    | 0           | 1,191,429    | 2,262,079    | 0           | 663,408      | 0           | 0           | 0           | 11,998,893    |
| Vehicled and Equipment Reserve                       | 0           | 0            | 0           | 0            | 0            | 0           | 0            | 0           | 0           | 0           | 0             |
| Federal Grant                                        | 441,229     | 0            | 0           | 0            | 0            | 0           | 0            | 0           | 0           | 0           | 441,229       |
| Assumed Low Interest Loan                            | 0           | 0            | 0           | 0            | 0            | 0           | 0            | 0           | 0           | 0           | C             |
| Assumed Revenue Bond                                 | 0           | 0            | 0           | 0            | 0            | 0           | 0            | 0           | 0           | 0           | 0             |
| Additional Revenue Bonds                             | 0           | 0            | 0           | 9,000,000    | 0            | 0           | 17,450,000   | 0           | 0           | 0           | 26,450,000    |
| Total Funding Sources                                | \$441,229   | \$7,881,977  | \$0         | \$10,191,429 | \$2,262,079  | \$0         | \$18,113,408 | \$0         | \$0         | \$0         | \$38,890,122  |
| Rate Funded Capital                                  | \$3,250,000 | \$3,250,000  | \$5,000,000 | \$6,100,000  | \$7,750,000  | \$6,000,000 | \$7,700,000  | \$7,975,000 | \$8,250,000 | \$8,525,000 | \$63,800,000  |

Las Gallinas Valley Sanitary District Sewer Rate Study Equipment Repair and Replacement Fund

|                             | 2020-21   | 2021-22 | 2022-23  | 2023-24  | 2024-25  | 2025-26   | 2026-27  | 2027-28 | 2028-29  | 2029-30  | Total     |
|-----------------------------|-----------|---------|----------|----------|----------|-----------|----------|---------|----------|----------|-----------|
| Purchases                   |           |         |          |          |          |           |          |         |          |          |           |
| Tractor/Backhoe Replacement | \$100,000 | \$0     | \$0      | \$0      | \$0      | \$114,249 | \$0      | \$0     | \$0      | SO       | \$214,249 |
| Small Pickup                | 35,000    | 0       | 36,916   | 0        | 38,936   | 0         | 41,067   | 0       | 43,314   | 0        | 195,232   |
| Forklift                    | 50,000    | 0       | 0        | 54,160   | 0        | 0         | 58,667   | 0       | 0        | 63,548   | 226,375   |
|                             | \$185,000 | \$0     | \$36,916 | \$54,160 | \$38,936 | \$114,249 | \$99,734 | \$0     | \$43,314 | \$63,548 | \$635,857 |
| Average Annual Contribution | \$63.586  |         |          |          |          |           |          |         |          |          |           |



Las Gallinas Valley Sanitary District Sewer Rate Study Debt Schedule Exhibit 5

|                    | Municipal<br>Finance | SRF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Bank of<br>Marin \$4.6 | Bank of<br>Marin \$2.0 | 2017 Revenue<br>Bonds | 2019 IBank<br>Loan | MMWD<br>Reimburse -<br>BofM | MMWD<br>Reimburse -<br>Rev Bond | Total        |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|-----------------------|--------------------|-----------------------------|---------------------------------|--------------|
| 2020-21            | \$698,760            | \$285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$332,681              | \$235,346              | \$2,449,000           | \$803,446          | \$0                         | \$0                             | \$4,804,697  |
| 2021-22            | 709,125              | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,681                | 235,346                | 2,447,800             | 803,446            | 0                           | 0                               | 4,813,862    |
|                    | 708,665              | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,682                | 39,226                 | 2,445,000             | 803,446            | (157,054)                   | (256,427)                       | 4,201,002    |
| 2022-23            |                      | AND THE RESERVE OF THE PARTY OF | 332,682                | 0                      | 2,445,600             | 803,446            | (107,560)                   | (256,490)                       | 4,220,521    |
| 2023-24            | 717,380              | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Service and December   | 0                      | 2,449,400             | 803,446            | (107,560)                   | (256,888)                       | 4,231,649    |
| 2024-25            | 725,105              | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,682                | 0                      | 2,446,200             | 803,446            | (107,560)                   | (256,553)                       | 4,234,338    |
| 2025-26            | 730,660              | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,681                | 0                      | 2,446,200             | 803,446            | (107,560)                   | (256,553)                       | 3,503,679    |
| 2026-27            | 0                    | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,682                |                        | COMMISS               |                    |                             |                                 | 100          |
| 2027-28            | 0                    | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,681                | 0                      | 2,449,200             | 803,446            | (107,560)                   | (256,867)                       | 3,506,364    |
| 2028-29            | 0                    | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,682                | 0                      | 2,445,000             | 803,446            | (107,560)                   | (256,427)                       | 3,502,605    |
| 2029-30            | 0                    | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,681                | 0                      | 2,448,800             | 803,446            | (107,560)                   | (256,825)                       | 3,506,006    |
| 2030-31            | 0                    | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 332,681                | 0                      | 2,445,200             | 803,446            | (107,560)                   | (256,448)                       | 3,502,783    |
| 2031-32            | 0                    | 285,464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                      | 0                      | 2,449,400             | 803,446            | (26,877)                    | (256,888)                       | 3,254,545    |
| 2032-33            | 0                    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                      | 0                      | 2,446,000             | 803,446            | 0                           | (256,532)                       | 2,992,914    |
| 2033-34            | 0                    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                      | 0                      | 2,715,200             | 803,446            | 0                           | (284,765)                       | 3,233,881    |
| 2034-35            | 0                    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                      | 0                      | 2,436,000             | 803,446            | 0                           | (255,483)                       | 2,983,963    |
| 2035-36            | 0                    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                      | 0                      | 2,434,800             | 803,446            | 0                           | (255,357)                       | 2,982,889    |
| 2036-37            | 0                    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                      | 0                      | 2,435,800             | 803,446            | 0                           | (255,357)                       | 2,983,889    |
| 2037-38            | 0                    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                      | 0                      | 2,433,800             | 803,446            | 0                           | (255,252)                       | 2,981,994    |
| 2038-39            | 0                    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                      | 0                      | 2,438,800             | 803,446            | 0                           | (255,777)                       | 2,986,469    |
| 2039-40            | 0                    | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                      | 0                      | 2,435,400             | 0                  | 0                           | (255,420)                       | 2,179,980    |
| Total Debt Service | \$4,289,695          | \$3,425,568                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$3,659,495            | \$509,918              | \$49,142,600          | \$15,265,466       | (\$1,044,411)               | (\$4,640,309)                   | \$70,608,022 |

Source: City provided debt service schedules

Las Gallinas Valley Sanitary District Sewer Rate Study Revenues at Present Rates Exhibit 6

| Effective 7.1.20 |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |        |            |                 | Total        |
|------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|------------|-----------------|--------------|
| All Customers    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |        |            |                 |              |
| Base Fee         | Code | \$/SU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | # of Acct. | Equiv. | # of Units | # of Eq. Units  |              |
| Single Family    | 1    | \$968.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8,150      | 1.00   | 8,150      |                 | \$7,889,200  |
| Duplex           | 2    | 968.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45         | 0.90   | 90         | 81              | 78,408       |
| 3 - 4 Units      | 3    | 968.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 68         | 0.90   | 259        | 233             | 225,641      |
| 5 - 9 Units      | 4    | 968.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 99         | 0.90   | 731        | 658             | 636,847      |
| 10+ Units        | 5    | 968.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 105        | 0.90   | 2,423      | 2,181           | 2,110,918    |
| Non Residential  |      | 968.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 441        | 7.89   | 3,478      | 3,478           | 3,367,081    |
| Hand Billed      |      | 968.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 92         | 11.02  | 1,014      | 1,014           | 981,561      |
| Total            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9,000      |        | 16,145     | 15,795          | \$15,289,655 |
|                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |        | 2018-19 P  | rojected Actual | \$14,231,642 |
|                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |        |            | Difference      | \$1,058,013  |
|                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |        |            | Percent         | 7.49         |
|                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |        | 20:        | 19-20 Budgeted  | \$14,627,663 |
|                  |      | The state of the s | and the    |        |            | Difference      | \$661,992    |
|                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |        |            | Percent         | 4.59         |
|                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |        | 202        | 20-21 Budgeted  | \$15,289,361 |
|                  |      | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |        |            | Difference      | \$294        |
|                  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |        |            | Percent         | 0.09         |

| Sewer Rate Study<br>Proposed Rates | nitary Distr            |            |            |            |            |            |
|------------------------------------|-------------------------|------------|------------|------------|------------|------------|
|                                    | Present<br>Rates        | 2021-22    | 2022-23    | 2023-24    | 2024-25    | 2025-26    |
| Per Eq. Unit                       | <i>Rate</i><br>\$968.00 | \$1,060.00 | \$1,161.00 | \$1,271.00 | \$1,392.00 | \$1,441.00 |
|                                    | \$/LU                   | ¢4.050.00  | ¢1.151.00  | ¢1 271 00  | ¢1 202 00  | £1 441 00  |
| Single Family                      | \$968.00                | \$1,060.00 | \$1,161.00 | \$1,271.00 | \$1,392.00 | \$1,441.00 |
| Multi-Family                       | \$871.20                | \$954.00   | \$1,044.90 | \$1,143.90 | \$1,252.80 | \$1,296.90 |
| Mobile Home                        | \$968.00                | \$1,060.00 | \$1,161.00 | \$1,271.00 | \$1,392.00 | \$1,441.00 |
|                                    | \$ / pupil              |            |            |            |            |            |
| School w/showers                   | \$9.68                  | \$10.60    | \$11.61    | \$12.71    | \$13.92    | \$14.41    |
| School w/o showers                 | 19.36                   | 21.20      | 23.22      | 25.42      | 27.84      | 28.82      |
|                                    | \$ / Acct.              |            |            |            |            |            |
| Domestic Strength                  | \$968.00                | \$1,060.00 | \$1,161.00 | \$1,271.00 | \$1,392.00 | \$1,441.00 |
| Restaurants / Cafes                | 2,323.20                | 2,544.00   | 2,786.40   | 3,050.40   | 3,340.80   | 3,458.40   |
| Bakeries                           | 3,097.60                | 3,392.00   | 3,715.20   | 4,067.20   | 4,454.40   | 4,611.20   |
| Mortuaries                         | 1,936.00                | 2,120.00   | 2,322.00   | 2,542.00   | 2,784.00   | 2,882.00   |
| Hotels w/restaurant                | 1,936.00                | 2,120.00   | 2,322.00   | 2,542.00   | 2,784.00   | 2,882.00   |
| Markets w/disposal                 | 2,516.80                | 2,756.00   | 3,018.60   | 3,304.60   | 3,619.20   | 3,746.60   |
| Dry Industry                       | 968.00                  | 1,060.00   | 1,161.00   | 1,271.00   | 1,392.00   | 1,441.00   |
| Mixed Use                          | 1,936.00                | 2,120.00   | 2,322.00   | 2,542.00   | 2,784.00   | 2,882.00   |