

Northstar Community Services District

Capital Replacement Plan

Enterprise Funds:

**Northstar Water - Martis Valley Water – Sewer – Solid
Waste**

Governmental Funds:

Fire – Snow - Fuels – Roads - Trails

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1. Model Workbook Relationship Exhibit

Introduction

With approximately \$278 million in assets, the District's water, sewer, solid waste, fire, fuels, snow removal, road maintenance and trails services are very asset intensive businesses. The infrastructure, facilities and equipment comprising these assets are critical in ensuring the delivery of quality service. Comprehensive management of assets is a key goal of the District, and is core to the mission of sustainable, long term delivery of services. Part of the District's asset management strategy is to develop a model forecasting the full lifecycle rehabilitation and replacement costs with a related funding program for its assets with the goal of ensuring consistent service in the most economical manner in balance with generational fairness.

The purpose of this Capital Replacement Plan (CRP), with supporting appendices, is to fully document the District's facilities, equipment and infrastructure capital replacement needs over a modelled period of 100 years, and to provide a detailed financial analysis for each of the District's service funds to assist in setting annual capital reserve account contribution goals.

The District has developed this CRP as a living document to set a foundation for fiscal stewardship. It is primarily derived from the District's GIS based asset management system with a wide array of industry standard metrics and engineering solutions providing the guiding methodology for the model output. This data was used in conjunction with District policies to develop specific funding programs for each service.

Given the nature of the District's buried infrastructure, and its relatively long service life (50-75 years or more), it was necessary to embrace a 100-year modeling period which accounts for the District's asset lifecycle expenses. Many of the variables used in the model vary from year to year, and the model should be reviewed regularly and calibrated as necessary to ensure accuracy and compatibility with current goals and objectives.

With the above in mind, this effort is intending to develop an affordable, proactive capital funding plan to adequately prepare the District for future asset replacement expenditures and ultimately to protect constituents from excessive rate increases and the potential reduction to levels of service. This document serves as a guide for the Board to manage rates for enterprise accounts, for management staff to develop more specific capital improvement programs, and as a resource for the public to gain more insight into the District's financial position.

This CRP is an update to the District's Capital Improvement Plan originally adopted by the Board in 2011, and again in 2018. The Plan includes an analysis of all service funds but excludes road rehabilitation which is addressed in the Road Maintenance Plan (originally adopted in 2015, and again in 2022).

Asset Management

Asset Management is defined as "the systematic and coordinated activities and practices through which an organization optimally manages its physical assets, their associated performance, risks and expenditures over their lifecycle for the purpose of achieving its organizational strategic plan".

It is an approach to risk management that assesses asset condition, modes and probability of failure while identifying the consequence of such failures. Established goals and objectives such as level of service, regulatory compliance, public health and safety, and/or property damage further define the acceptable level of risk an agency can absorb for the systems used to deliver its services.

Capital Replacement Plan Defined

A Capital Replacement Plan (CRP) is a comprehensive long-term capital plan, which will ensure effective management of capital assets. The District's CRP is a planning tool to manage the rehabilitation and replacement of the community's water, sewer, fire, snow removal, road maintenance and trail capital assets. It will serve as the District's policy for funding significant investments in infrastructure, facilities and equipment and for maintaining its reserve funds at appropriate levels in order to mitigate risk and maintain adopted levels of service.

The CRP is a document that provides a detailed quantification of annual funding requirements necessary to periodically recondition and eventually replace the District's assets. It identifies the capital needs and the sources for funding such costs. It should be noted that for this 2023 update in-kind facility replacement has been removed from the replacement schedule. Preventative maintenance activities to upkeep the facilities will ensure that facilities meet or exceed their projected service life. If/when it comes time to demo and reconstruct new facilities, alternative financing may be needed.

A CRP is the art and science of anticipating and preparing for major capital asset repair and replacement expenditures and allows the Board of Directors and management staff to offset the ongoing deterioration of capital assets with funds to ensure the timely repair or replacement of those assets. It allows the District to prepare well in advance and spread out the contributions evenly over time, rather than placing special assessments on constituents or incurring unplanned debt. However, there are circumstances when debt financing may be the preferred funding alternative.

Regular reserve contributions allow the District to strike a balance between ongoing deterioration and the District's financial capacity. Generally speaking, as more deterioration is accumulated, reserve balances should be increased. Expenses related to the deterioration of District assets are inevitable. With proper planning, even irregular or unanticipated expenditures may be offset by ongoing, regular reserve contributions. Periodic review and update of the CRP is necessary as it considers economic factors, quality of workmanship, quality of materials, changing usage patterns, extreme weather, and other ongoing and unforeseeable factors.

This CRP does not consider routine operational expenses and related revenue support. It assumes that the services provided have adequate operating ratios such that all non-capital expenses are fully funded with available operating revenue. This allows the focus of the CRP to be solely on capital needs and funding of their future replacement. However, operational finances must not be ignored as they will affect the ability to meet the financial goals of the CRP if left unmanaged.

This CRP is broken into two portions:

1. Physical Analysis – assessment of the needs and condition of the infrastructure, facilities and equipment required to provide water, sewer, fire, snow removal, road maintenance and trail construction and maintenance services.
2. Financial Analysis – analysis of the current reserve fund and funding plan.

Capital Expenses in the CRP

Capital assets enable the delivery of the District's services. The performance and continued use of these capital assets is essential to the health, safety, economic development and quality of life of those receiving services. For consideration in this CRP, Capital assets are generally defined as those items having a value of \$10,000 or more and a useful life of five years or more.

The capital asset list forms the foundation of the physical analysis and was derived primarily from the District's comprehensive GIS. All expenses related to the renewal or replacement of assets are included in the analysis. Renewal expenses (also referred to as preservation expenses or deferred maintenance) are defined as expenses undertaken which result in a material extension of the asset's

projected lifespan as well as those expenses that are necessary to invest in an asset to allow it to reach its projected lifespan.

Capital Projects

Capital projects include the rehabilitation and replacement of infrastructure, facilities and equipment necessary to support the systems used to provide water, sewer, fire, snow removal, road maintenance and trail construction and maintenance services. A capital project is defined as:

1. The replacement of existing infrastructure.
2. The purchase of major equipment.
3. Rehabilitation, renewal or major repair of existing infrastructure or equipment which extends its useful life and is not included as an operating expense in the Annual Budget.
4. Expenses related to the planning, feasibility, design, permitting, and inspection necessary to replace, rehabilitate, repair, or purchase infrastructure, facilities, and equipment.
5. Construction of new facilities, addition to, or extension of such.
6. The acquisition of land for public use.

Capital Improvement vs. Capital Replacement

A Capital Improvement involves any new facility, equipment or infrastructure put in service that is not currently in existence. This CRP does not include any capital improvement projects as these expenditures are typically borne by the developer in need of expanded service. If the District concludes that a capital improvement project is necessary and not the result of a new development project, the expense may be added either in the near-term Capital Budget or in a revised CRP as appropriate.

A Capital Replacement is the replacement or rehabilitation of any facility, equipment or infrastructure that is already in existence and is the focus of this document.

Preservation Costs vs. Minor Maintenance Costs

Preservation costs are those that extend the useful life of an asset beyond its original estimated useful life, but do not increase the capacity or efficiency of the asset. Such costs include capital repairs and maintenance.

Capital repairs are costs incurred for unexpected repairs of a major defect in a capital asset, replacement of a component of a capital asset or repairs that are necessary to restore a capital asset's functionality.

Capital maintenance or renewal is the periodic maintenance of a capital asset such as re-painting, re-coating, re-surfacing, etc. Capital repairs and maintenance are expenditures that increase an asset's serviceability, usefulness, value or prolong its service life. These expenditures, which are generally \$5,000 or more, are budgeted annually.

Minor maintenance costs are costs that allow a capital asset to be used in a normal manner over its originally expected economic life. Minor repairs and maintenance costs are incurred for the upkeep of physical capital assets, which keeps them in good condition for use or occupancy. Such costs do not extend the projected useful life of the asset or increase its capacity or efficiency. These costs are not considered in the Capital Budget, but are an expense included in the Operations Budget. Minor repairs and maintenance costs are generally less than \$5,000.

Asset Categories

Staff has structured the management of its assets first by the department for which they provide service and second into three general categories:

1. Infrastructure
2. Facilities
3. Equipment

Infrastructure assets are those that are physically connected to the systems that deliver the service. They are often, but not always, buried. They include water and sewer mains, service laterals, meters, storage tanks, valves, hydrants, spring collection lines, manholes, etc. The District's inventory and condition assessments of its infrastructure are contained in the GIS database and managed with its Asset and Work Management software (VUEWorks). The Fire Department does not have any infrastructure assets (hydrants are assumed to be part of the water system).

Facilities are the building structures required to provide services. They include fire stations, office buildings, pump houses, well buildings, sewer lift stations, the water treatment plant, and maintenance buildings. Appurtenant assets such as pumps, treatment equipment, IT hardware, electrical equipment, HVAC systems, individual building components, and civil improvements within and surrounding the facilities are also considered part of the respective facilities.

Equipment assets are primarily the fleet used by District's Utilities and Fire Departments but also include significant life safety and fire protection equipment.

Shared Assets

Some of the District's operational efficiency is gained by its ability to share facilities and equipment between its different service departments. For these shared assets, inter-departmental allocations are used to equitably assign financial liability for the maintenance and replacement expenses to each department. Many of the allocations are based on labor expenses and equipment hours available through VUEWorks work order history.

CRP vs. Annual Budget

The District's CRP and Reserve Funding projections will focus on capital infrastructure, facilities and equipment to be renewed, replaced or purchased during the next one hundred years. The reason such a long-term schedule is forecasted is due to the long life expectancies of the assets required to deliver the services and the high costs associated with their replacement. Shorter term planning efforts invariably result in sharp increases in rates, assessments, and/or reactionary debt financing. The CRP should be revisited regularly to update model assumptions and as projects are completed. Capital projects planned for delivery in the next fiscal year are included in the Annual Budget, which is approved and adopted by the Board of Directors.

The District's annual Budget includes both the Operating and Capital Budgets for the current fiscal year. The Operating Budget is the District's current financial plan for routine operational and maintenance expenses which are not part of the Capital Budget.

The Capital Budget includes capital project expenses, referred to as capital projects, replacements, and/or preventative maintenance activities planned for the fiscal year.

The annual Capital Budget may not match the same period forecasted in the CRP. The CRP is intended to be a long range financial planning document while the Capital Budget takes a more focused, project-oriented approach for the near term.

CRP Review

It is desired that the District's CRP be revisited every five years. Near-term capital expenditures are reviewed annually during the Budget process. In updating the CRP, newly identified expenditures shall be added, completed projects shall be eliminated, and reserve funds shall be evaluated. It is appropriate to re-evaluate reserves on an annual basis to comply with sound business practices and to align goals with the annual Budget. The CRP is a dynamic document, and revisions may be pursued more frequently if improvements are desired.

Reserve Funds

Fund accounting, as used in government, allocates resources, which are accounted for in individual funds based upon the purpose for which they are to be spent and the means by which spending activities are controlled.

For simplicity, one reserve fund per department shall be established for all Capital Improvement, Capital Replacement and Preventative Maintenance contributions.

Physical Analysis

A Physical Analysis includes the development of a comprehensive inventory of existing infrastructure, facilities and equipment, including such metrics as year of installation, age, projected lifespan, material and a schedule for renewal and replacement. The analysis may also include an assessment of the condition and an evaluation of whether the asset still provides the most appropriate method to deliver services. It is one of the primary benefits of the District's Asset Management and Work Management System employed since 2007.

Attention is given to capital assets that require renewal or replacement, that if not addressed, will result in higher costs in future years.

Budget Forecast Methodology

The methodology employed to forecast future capital asset maintenance, rehabilitation and replacement expenses is based on the following considerations:

- Condition (Age or % Life Used or Deterioration)
- Useful Life (Life Expectancy or Frequency)
- Replacement Cost (Unit Cost)
- Consequence of failure

For this CRP, cost estimates for capital maintenance and replacement projects for all District assets have been scheduled over a 100-year period. Expenditures for any given year have been projected, and funding plans have been prepared to target annual capital reserve goals.

Infrastructure Assets - The methodology used to forecast capital expenditures for infrastructure assets includes predicting the point in time at which an asset reaches a specified level of deterioration in its useful life. This is typically supported by an assessment of the asset's condition, probability of failure and the consequences associated with such failure.

Assessment of an asset's condition is determined by inspection, maintenance history (work orders) and/or its performance. The asset's condition reveals its current level of deterioration and whether required capital maintenance or replacement is necessary. Functioning assets that have reached a specified deterioration threshold are planned to be rehabilitated or replaced. The threshold of deterioration at which an asset is replaced is determined by the inherent risk associated with allowing it to further deteriorate. In the absence of a condition assessment, the asset's age relative to its projected useful life, or percent life used, is leveraged to infer its deterioration and dictates the

replacement schedule. The condition of an asset can typically be modeled on one of several deterioration curves including straight-line, 2nd, 3rd or 4th-order polynomial curves, among others. The District's infrastructure assets have been modeled on 3rd-order polynomial curves within VUEWorks for this analysis.

Useful Life is estimated by researching industry-accepted life expectancy standards for each specific asset type, material, method of installation, usage patterns, environmental conditions and other factors. Staff factors real world experience where practical to inform estimated useful life.

Renewal and Replacement Costs have been estimated by collecting and analyzing public contract bids for similar, recently completed improvement projects in the region. Local contractors have also provided input in estimating replacement costs.

Facility Assets – Although the fundamental asset management principles are consistent, the capital maintenance and replacement expenses forecasted for facilities varies from infrastructure assets due to the disparity in the physical nature of the two asset categories. Capital maintenance and replacement of a facility entails analyses of each of the parts and pieces of the facility with varying useful lives, rates of deterioration and replacement costs. Maintenance on separate components is performed on an ongoing basis to extend the facilities overall useful life.

Preventative Maintenance and Replacement Schedules have been prepared for each District facility. The schedules identify proposed maintenance activities, frequencies, and costs as well the amount of time since the last time the maintenance was performed or was originally constructed.

Equipment Assets – Capital replacement expenditures for equipment assets have been estimated and scheduled for the same 100-year period as infrastructure and facility assets. Maintenance expenses have been excluded from this CRP and are considered in the annual Operating Budget.

The method used to forecast replacement costs follows the same approach used above. Each piece of equipment in the fleet is assigned a useful life and a replacement cost in current-year dollars and is scheduled for replacement at the end of its useful life. The schedule considers neither an increase nor a reduction in the size of the District's fleet or equipment pool.

Many of the District's equipment assets are shared between departments in order to deliver services more efficiently. As such, capital replacement expenditures for each piece of equipment have been allocated to the specific departments that benefit from their use. Inter-departmental allocations are generally proportionate to the hours used by each department.

Funding Plan

The funding plan is the action plan by which the District will fund the reserve accounts to offset anticipated expenses. This is a multi-year plan recommending an annual reserve contribution. The funding plan may also change from year to year depending on the physical analyses, economic factors or funding plan objectives. A funding plan is created based on the following principles:

- Adequate Reserve Availability for Capital Projects
- Budget Stability
- Fair Distribution of Contributions
- Fiscal Responsibility

The funding plan should provide for reserve accounts with adequate funding when capital expenses necessitate. It is also important that the budget be designed for year to year stability. Inherently fluctuating capital expenses should be offset with a stable reserve revenue stream. Fundamentally, it may be considered unmerited to burden one set of constituents with the cost of replacing an asset which deteriorated over a period of many years. Responsible capital replacement planning considers reserve contributions that are spread fairly amongst current and future constituents.

There are four basic approaches to pay for capital replacement and deferred maintenance expenses as follows:

1. The first method is making regular deposits into an interest-bearing account to pay for expenses as they become necessary. This is the least expensive and most responsible method of paying for future expenses.
2. The second method is to collect special assessments when funds are required. However, special assessments are unpopular as it has a significant financial impact on the District's constituents and is indicative of poor long-term planning by the board and management.
3. The third method is to seek debt financing, which incurs the added expense of loan interest.
4. The fourth approach is to do nothing, which is often the costliest method. When necessary projects are deferred, both the capital and operational expenses become costlier.

The District has adopted the first method - annual deposits into interest bearing accounts specific to each department.

Objective of Funding Plan

The funding plan is developed to have the reserve funds achieve the funding objective desired to fund the District's long-term capital replacement and preventative maintenance expenses. The objective of the funding plan is to designate a level of funding commensurate with how the District desires to manage risk. This is accomplished by selecting between aggressive (high risk of special assessment/and or debt financing) or conservative (low risk of special assessment and/or debt financing) funding objectives, and by applying the appropriate vehicle for funding capital replacement expenses. The reserve income and expense model projections will most certainly differ from experienced income and expenses; therefore, decisions must be made as to risk strategy and tolerance for risk before determining an appropriate reserve funding objective.

Funding Objective Options

Baseline Funding requires lower but variable contributions. Since there is little or no margin for error in predicting future expenses, this exposes the District to the highest risk of not having funds for future expenses. It is the “pay as you go” approach.

Full Funding is seen as the most conservative funding objective due to the reserve fund being strong and at or near the 100% funded point.

Threshold Funding means keeping the reserve fund above a fixed percent of the fully-funded threshold or pre-determined balance.

The percent funded measurement involves a standardized measurement of reserve fund strength. It is a statement of condition, measuring the adequacy of the current reserve amount. It compares the actual reserve amount to the deteriorated fraction of the reserve assets. When the reserve amount equals the fractional reserve deterioration, the District can be described as fully funded. Although, to be 100% funded means that at a given point in time, the District is exactly on target with its goal to be fully funded, it does not mean that the District has 100% of the monies needed to replace all of the assets in the reserve study.

The District is using a slightly modified version of the percent funded measurement. In order to be fully funded, the District has assumed that reserve fund balances will never fall below zero and will always have sufficient funds available to fund the expenses projected in the CIP. The percent funded is then calculated simply by the current reserve balance divided by the balance needed to be fully funded.

A relatively strong reserve fund provides a margin for protection when reserve expenses are higher than expected or come earlier than expected. However, it is not necessary to have a reserve balance equivalent to the calculated fully funded balance of 100% to effectively minimize the risk of inadequate reserves. The following table illustrates the general relationship between levels of threshold funding, strength of reserve funding and the associated risk:

| Funding Threshold (%) | Fund Strength | Risk Level |
|------------------------------|----------------------|-------------------|
| 0 – 30 | Weak | High |
| 30 – 70 | Fair | Medium |
| 70 – 100 | Strong | Low |

One of the Board’s primary responsibilities is to protect, maintain and enhance the assets of the District by offsetting the deterioration of physical assets by the growth of financial assets. As such, annual review of the funding status of each department will be evaluated and adjustments to future reserve contributions and associated revenue sources will be made as determined.

Specific Funding Plan Goals

For the District’s Enterprise Funds, it is recommended that separate Capital Reserve Accounts for Northstar Water, Martis Valley Water, Sewer, and Solid Waste be funded to accommodate contributions for capital replacement, capital repairs, and preventative maintenance expenditures identified in the Capital Reserve Study. The District established investment accounts for Enterprise Funds previously for this purpose.

For the District’s Governmental Funds, i.e. Fire, Snow, Fuels, Roads, Snow and Trails, it is recommended that individual Capital Reserve Account be funded to accommodate contributions for capital replacement, capital repairs, and preventative maintenance expenditures identified in the

Capital Reserve Study. The District established investment accounts previously for Fire and Snow for this purpose. It is recommended that Capital Reserve Accounts for Fuels, Roads, Snow and Trails be established.

A threshold funding objective of 100% has been modeled for the CRP for each Reserve Account. Board input is desired to set proposed threshold funding objectives for determining actual Reserve Account contributions. Current funding levels are summarized in the Financial Analysis Summary included in Appendix A of this CRP.

Upon completion of the District's Water and Sewer Rate Study (currently being prepared by HDR Engineering), and subsequent 218 rate approval process, it may be proposed that reserve contributions be modified for the Sewer System and Northstar and Martis Valley Water Systems in order to reach and maintain the desired funding level.

Similarly for Solid Waste, upon approval through a subsequent 218 rate approval process, it may be proposed that reserve contributions be modified in order to reach and maintain the desired funding level.

For the Governmental Reserve Accounts, it is recommended that funding be allocated as closely as possible to the target threshold.

As authorized within the capital reserve policy, contributions shall be collected and deposited into the various Reserve Funds. In addition, reserves shall be invested according to the District's investment policy.

Capital Replacement Model Output

Financial analysis workbooks have been created to serve as the model outputs for the various service funds (see Appendix A). It is intended that the resultant model outputs be used to assist in setting desired capital reserve account threshold funding levels for each service fund.

The remaining appendices of the CRP provide transparency into the assumptions and specific capital replacement schedules for facilities, equipment and infrastructure for each of the District's service funds.

Detailed information pertaining to model assumptions, life expectancies, fund allocations, replacement costs, replacement schedules, asset physical analyses, and preventative maintenance activities have all been provided to allow for a full understanding of the modelling effort.

Appendix A

Financial Analysis Data Tables

1. Financial Analysis Output Summary Table
2. Northstar Water System Financial Analysis Table
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**2023 Capital Replacement Plan
Financial Analysis Output Summary Table**

| Financial Analysis Table | Reserve Account Balance on October 3, 2023 | First Year Model 100% Funding Threshold | Budgetted FY 2023-24 Contribution | Budgetted FY 2023-24 Funding Threshold % | Model Zero Year | Notes |
|---------------------------------|---|--|--|---|------------------------|---|
| Northstar Water | \$5,677,565 | \$879,644 | \$680,325 | 77% | FY 2106-07 | Potential rate adjustments to increase revenue over 5-yr rate study period. |
| Martis Valley Water | \$5,860,546 | \$1,095,437 | \$654,400 | 60% | FY 2111-12 | |
| Sewer | \$6,575,338 | \$1,202,812 | \$733,388 | 61% | FY 2046-47 | |
| Solid Waste | \$87,617 | \$16,920 | \$22,640 | 134% | FY 2109-10 | Potential reduced revenue requirement to be considered with new rates. |
| Fire | \$929,715 | \$267,195 | \$70,780 | 26% | FY 2030-31 | Restricted capital revenue funding to be allocated as available for Governmental Funds. |
| Snow | \$425,023 | \$194,414 | \$6,920 | 4% | FY 2035-36 | |
| Fuels | \$0 | \$9,900 | \$0 | 0% | FY 2035-36 | |
| Roads | \$0 | \$12,247 | \$8,550 | 70% | FY 2037-38 | |
| Trails | \$0 | \$9,448 | \$0 | 0% | FY2116-17 | |

| | | | | | | | | | | | | | | | | | | | | | |
|---------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|---------------------|-------------------|----------------------|---------------------|----------------------|----------------------|---------------------|----------------------|-----------------------|--------------|---------------|---------------|----------------|----------------|
| FY2099-00 | \$ - | \$ - | \$ 19,250 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 19,250.00 | \$ 50,474.33 | \$ 4,510 | \$ 74,234 | \$ 813,315 | \$ 9,637,485 | \$ 59,498,772 |
| FY2100-01 | \$ 292,428 | \$ - | \$ 66,000 | \$ - | \$ - | \$ - | \$ 44,866 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 403,293.34 | \$ 20,645.74 | \$ - | \$ 423,939 | \$ 4,793,361 | \$ 9,945,885 | \$ 66,924,149 |
| FY2101-02 | \$ 903,875 | \$ - | \$ 127,380 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,031,254.66 | \$ - | \$ 19,558 | \$ 1,050,813 | \$ 12,261,451 | \$ 10,264,153 | \$ 67,483,354 |
| FY2102-03 | \$ - | \$ - | \$ 59,400 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 59,400.00 | \$ 51,015.06 | \$ 8,748 | \$ 119,163 | \$ 1,434,958 | \$ 10,592,606 | \$ 79,218,865 |
| FY2103-04 | \$ 628,621 | \$ - | \$ 660 | \$ - | \$ 725,000 | \$ - | \$ 4,075 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,358,356.48 | \$ 275,000.00 | \$ 90,583 | \$ 1,723,939 | \$ 21,423,861 | \$ 10,931,569 | \$ 71,752,735 |
| FY2104-05 | \$ 4,929,037 | \$ - | \$ 24,800 | \$ - | \$ 50,000 | \$ - | \$ 64,373 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,068,210.15 | \$ 261,773.57 | \$ 10,036 | \$ 5,340,019 | \$ 68,485,451 | \$ 11,281,379 | \$ 17,289,617 |
| FY2105-06 | \$ 541,355 | \$ - | \$ 15,900 | \$ - | \$ - | \$ - | \$ 33,046 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 590,301.39 | \$ 13,727.54 | \$ 1,225 | \$ 605,254 | \$ 8,010,743 | \$ 11,642,384 | \$ 21,581,721 |
| FY2106-07 | \$ 1,143,378 | \$ - | \$ 9,700 | \$ - | \$ 721,875 | \$ - | \$ 7,091 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,882,043.73 | \$ 597,274.67 | \$ 40,734 | \$ 2,520,053 | \$ 34,421,083 | \$ 12,014,940 | \$ 0 |
| FY2107-08 | \$ 226,728 | \$ - | \$ 4,300 | \$ - | \$ - | \$ - | \$ 11,021 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 242,048.58 | \$ - | \$ - | \$ 242,049 | \$ 3,411,906 | \$ 12,399,418 | \$ 8,987,512 |
| FY2108-09 | \$ - | \$ - | \$ 2,310 | \$ - | \$ 721,875 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 724,185.00 | \$ 124,031.32 | \$ 11,462 | \$ 899,679 | \$ 12,505,768 | \$ 12,796,199 | \$ 9,621,266 |
| FY2109-10 | \$ - | \$ - | \$ 2,640 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,640.00 | \$ 334,539.79 | \$ 137,178 | \$ 474,358 | \$ 7,121,313 | \$ 13,205,678 | \$ 16,073,164 |
| FY2110-11 | \$ - | \$ - | \$ 330 | \$ - | \$ 90,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 90,330.00 | \$ 124,562.40 | \$ 53,549 | \$ 268,441 | \$ 4,158,940 | \$ 13,628,259 | \$ 26,156,478 |
| FY2111-12 | \$ 251,759 | \$ - | \$ 2,310 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 254,068.88 | \$ - | \$ 44,130 | \$ 298,199 | \$ 4,767,820 | \$ 14,064,364 | \$ 36,452,199 |
| FY2112-13 | \$ 312,996 | \$ - | \$ 4,950 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 317,946.38 | \$ 37,194.31 | \$ 10,947 | \$ 366,088 | \$ 6,040,577 | \$ 14,514,423 | \$ 46,318,520 |
| FY2113-14 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 46,970 | \$ - | \$ 46,970.00 | \$ 133,992.13 | \$ 82,119 | \$ 265,081 | \$ 4,479,836 | \$ 14,978,885 | \$ 58,586,936 |
| FY2114-15 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 511,660 | \$ - | \$ 511,660.00 | \$ 389,981.70 | \$ 13,258 | \$ 914,900 | \$ 16,077,773 | \$ 15,458,209 | \$ 60,205,392 |
| FY2115-16 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 27,993 | \$ - | \$ 27,992.50 | \$ 21,404.00 | \$ 35,745 | \$ 85,141 | \$ 1,544,087 | \$ 15,952,872 | \$ 76,914,023 |
| FY2116-17 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 92,580 | \$ - | \$ 92,580.00 | \$ 185,595.57 | \$ 31,100 | \$ 309,276 | \$ 5,788,386 | \$ 16,463,364 | \$ 90,527,117 |
| FY2117-18 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 563,125 | \$ 133,395 | \$ 1,131,999 | \$ 39,375 | \$ 129,168 | \$ - | \$ 1,997,061.33 | \$ - | \$ - | \$ - | \$ - | \$ 1,997,061 | \$ 38,572,958 | \$ 16,990,191 | \$ 72,402,486 | |
| FY2118-19 | \$ - | \$ - | \$ - | \$ - | \$ 270,000 | \$ 42,500 | \$ 28,248 | \$ - | \$ - | \$ 107,463 | \$ - | \$ 448,210.40 | \$ - | \$ - | \$ - | \$ 120,700.00 | \$ 22,550 | \$ 591,461 | \$ 11,789,546 | \$ 17,533,878 | \$ 80,912,592 |
| FY2119-20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 329,375 | \$ 81,520 | \$ - | \$ 67,500 | \$ 11,743 | \$ - | \$ 490,137.88 | \$ - | \$ - | \$ 236,210.00 | \$ - | \$ - | \$ 726,348 | \$ 14,941,549 | \$ 18,094,962 | \$ 87,156,867 |
| FY2120-21 | \$ - | \$ - | \$ 5,120 | \$ - | \$ 140,000 | \$ - | \$ - | \$ - | \$ - | \$ 117,425 | \$ - | \$ 262,545.00 | \$ - | \$ - | \$ 28,267.34 | \$ 66,300 | \$ 357,113 | \$ 7,581,163 | \$ 18,674,000 | \$ 101,579,096 | |
| FY2121-22 | \$ - | \$ - | \$ 2,640 | \$ - | \$ 721,875 | \$ - | \$ - | \$ - | \$ - | \$ 199,625 | \$ - | \$ 924,140.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 924,140 | \$ 20,246,414 | \$ 19,271,568 | \$ 104,484,572 |
| FY2122-23 | \$ - | \$ - | \$ 3,300 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,300.00 | \$ - | \$ - | \$ - | \$ 2,735.06 | \$ - | \$ 6,035 | \$ 136,449 | \$ 19,888,259 | \$ 128,227,692 |
| Totals | \$ 34,857,629 | \$ 2,313,160 | \$ 1,211,480 | \$ 3,417,270 | \$ 12,983,125 | \$ 3,315,000 | \$ 1,734,960 | \$ 2,313,160 | \$ 309,375 | \$ 11,543,018 | \$ 3,224,869 | \$ 77,223,044 | \$ 11,107,194 | \$ 2,767,761 | \$ 91,098,000 | \$ 612,411,067 | | | | | |

| | | | | | | | | | | | | | | | | |
|---------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|-----------------------|----------------------|---------------------|-----------------------|-------------------------|---------------|---------------|
| FY2090-91 | \$ 1,901,067 | \$ 20,758 | \$ 550,481 | \$ - | \$ 212,500 | \$ 20,084 | \$ 26,000 | \$ - | \$ 4,168 | \$ 2,735,057.33 | \$ 107,882.29 | \$ 14,767 | \$ 2,857,707 | \$ 23,580,736 | \$ 9,039,137 | \$203,702,543 |
| FY2091-92 | \$ - | \$ 16,388 | \$ 725,634 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 7,589 | \$ 749,609.81 | \$ 20,065.34 | \$ 11,624 | \$ 781,299 | \$ 6,653,293 | \$ 9,328,389 | \$214,159,076 |
| FY2092-93 | \$ 684,464 | \$ 5,463 | \$ 7,149 | \$ - | \$ 85,000 | \$ 23,613 | \$ 11,250 | \$ - | \$ 106,171 | \$ 923,110.18 | \$ 668,547.64 | \$ - | \$ 1,591,658 | \$ 13,987,781 | \$ 9,626,897 | \$217,979,069 |
| FY2093-94 | \$ 2,148 | \$ 3,278 | \$ 168,004 | \$ - | \$ 10,625 | \$ - | \$ - | \$ - | \$ - | \$ 184,053.87 | \$ 21,210.01 | \$ 154,092 | \$ 359,356 | \$ 3,259,144 | \$ 9,934,958 | \$232,981,684 |
| FY2094-95 | \$ 65,438 | \$ 7,101 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,451 | \$ 73,889.91 | \$ - | \$ 6,599 | \$ 80,588 | \$ 754,278 | \$ 10,252,877 | \$251,380,183 |
| FY2095-96 | \$ - | \$ 28,951 | \$ 125,109 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 10,829 | \$ 164,889.86 | \$ 66,276.88 | \$ 11,417 | \$ 242,583 | \$ 2,343,145 | \$ 10,580,969 | \$269,220,730 |
| FY2096-97 | \$ - | \$ 9,286 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 9,286.25 | \$ 1,161,930.62 | \$ 47,926 | \$ 1,219,143 | \$ 12,152,693 | \$ 10,919,560 | \$278,271,829 |
| FY2097-98 | \$ 209,169 | \$ 7,101 | \$ 135,833 | \$ 1,212,500 | \$ - | \$ 549,470 | \$ - | \$ - | \$ - | \$ 2,114,073.45 | \$ 88,111.00 | \$ 8,481 | \$ 2,210,665 | \$ 22,741,578 | \$ 11,268,986 | \$277,429,220 |
| FY2098-99 | \$ - | \$ 54,155 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 54,155.00 | \$ 48,280.00 | \$ - | \$ 102,435 | \$ 1,087,491 | \$ 11,629,593 | \$298,569,118 |
| FY2099-00 | \$ - | \$ 24,035 | \$ 7,149 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 31,184.10 | \$ 45,979.46 | \$ 3,089 | \$ 80,252 | \$ 879,252 | \$ 12,001,740 | \$321,096,947 |
| FY2100-01 | \$ - | \$ 27,644 | \$ 153,706 | \$ 50,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 231,349.40 | \$ 14,140.01 | \$ - | \$ 245,489 | \$ 2,775,680 | \$ 12,385,796 | \$342,972,967 |
| FY2101-02 | \$ - | \$ 26,766 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 26,766.25 | \$ - | \$ 49,724 | \$ 76,490 | \$ 892,529 | \$ 12,782,141 | \$367,964,146 |
| FY2102-03 | \$ - | \$ 38,784 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 38,783.75 | \$ 351,103.64 | \$ 5,992 | \$ 395,879 | \$ 4,767,148 | \$ 13,191,170 | \$390,444,398 |
| FY2103-04 | \$ - | \$ 52,986 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 52,986.25 | \$ 36,210.00 | \$ 28,666 | \$ 117,862 | \$ 1,464,700 | \$ 13,613,287 | \$417,507,961 |
| FY2104-05 | \$ - | \$ 97,233 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 97,232.50 | \$ 18,496.07 | \$ 8,775 | \$ 124,504 | \$ 1,596,754 | \$ 14,048,913 | \$445,908,924 |
| FY2105-06 | \$ 158,773 | \$ 51,874 | \$ - | \$ - | \$ - | \$ 6,438 | \$ - | \$ - | \$ - | \$ 217,085.13 | \$ 9,401.82 | \$ - | \$ 226,487 | \$ 2,997,632 | \$ 14,498,478 | \$474,443,490 |
| FY2106-07 | \$ 24,200,471 | \$ 38,580 | \$ - | \$ - | \$ - | \$ 1,063,288 | \$ - | \$ - | \$ - | \$ 25,302,339.00 | \$ 583,672.83 | \$ 27,899 | \$ 25,913,910 | \$ 353,954,817 | \$ 14,962,429 | \$153,574,843 |
| FY2107-08 | \$ - | \$ 33,868 | \$ - | \$ 2,775,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,808,867.50 | \$ 194,327.00 | \$ - | \$ 3,003,195 | \$ 42,332,901 | \$ 15,441,227 | \$132,549,728 |
| FY2108-09 | \$ - | \$ 3,278 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,277.50 | \$ - | \$ 7,850 | \$ 11,128 | \$ 161,877 | \$ 15,935,346 | \$153,386,597 |
| FY2109-10 | \$ 3,489,014 | \$ 34,414 | \$ - | \$ - | \$ - | \$ 276,035 | \$ - | \$ - | \$ - | \$ 3,799,463.32 | \$ 80,323.46 | \$ 68,122 | \$ 3,947,909 | \$ 59,268,116 | \$ 16,445,277 | \$116,423,126 |
| FY2110-11 | \$ 4,438,289 | \$ 9,833 | \$ - | \$ 403,125 | \$ - | \$ 5,161,566.61 | \$ 310,320 | \$ - | \$ - | \$ 5,161,566.61 | \$ 48,280.00 | \$ 35,837 | \$ 5,245,684 | \$ 81,271,035 | \$ 16,971,526 | \$ 56,570,980 |
| FY2111-12 | \$ 4,425,613 | \$ 18,573 | \$ - | \$ - | \$ - | \$ 294,383 | \$ - | \$ - | \$ - | \$ 4,738,568.02 | \$ - | \$ 30,211 | \$ 4,768,779 | \$ 76,246,607 | \$ 17,514,615 | \$ (0) |
| FY2112-13 | \$ - | \$ 2,185 | \$ - | \$ 93,750 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 95,935.00 | \$ 89,433.87 | \$ 7,498 | \$ 192,866 | \$ 3,182,364 | \$ 18,075,083 | \$ 14,892,719 |
| FY2113-14 | \$ 1,187,839 | \$ - | \$ - | \$ - | \$ - | \$ 50,098 | \$ - | \$ - | \$ - | \$ 1,237,937.05 | \$ 32,136.38 | \$ 81,966 | \$ 1,352,040 | \$ 23,023,017 | \$ 18,653,485 | \$ 11,092,089 |
| FY2114-15 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 122,269.10 | \$ 9,080 | \$ 131,349 | \$ 2,308,236 | \$ 19,250,397 | \$ 28,457,967 |
| FY2115-16 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 94,306 | \$ - | \$ - | \$ - | \$ 94,306.35 | \$ 14,659.33 | \$ 11,624 | \$ 120,590 | \$ 2,186,964 | \$ 19,866,409 | \$ 47,224,507 |
| FY2116-17 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 138,264.26 | \$ 21,300 | \$ 159,564 | \$ 2,986,397 | \$ 20,502,134 | \$ 66,544,221 |
| FY2117-18 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 214,846.00 | \$ - | \$ 214,846 | \$ 4,149,720 | \$ 21,158,203 | \$ 86,094,692 |
| FY2118-19 | \$ - | \$ 13,263 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 13,262.50 | \$ - | \$ 169,466 | \$ 182,728 | \$ 3,642,311 | \$ 21,835,265 | \$107,576,464 |
| FY2119-20 | \$ - | \$ 24,035 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 24,035.00 | \$ 84,490.00 | \$ - | \$ 108,525 | \$ 2,232,445 | \$ 22,533,994 | \$131,987,434 |
| FY2120-21 | \$ - | \$ 20,758 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 20,757.50 | \$ 21,066.98 | \$ 24,892 | \$ 66,717 | \$ 1,416,328 | \$ 23,255,082 | \$158,868,108 |
| FY2121-22 | \$ - | \$ 16,388 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 16,387.50 | \$ - | \$ - | \$ 16,388 | \$ 359,024 | \$ 23,999,244 | \$188,577,090 |
| FY2122-23 | \$ - | \$ 5,463 | \$ - | \$ 485,938 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 491,400.00 | \$ 266,613.64 | \$ - | \$ 758,014 | \$ 17,138,273 | \$ 24,767,220 | \$203,409,682 |
| Totals | \$ 56,200,898 | \$ 2,029,388 | \$ 5,898,008 | \$ 9,360,938 | \$ 4,855,625 | \$ 2,696,940 | \$ 1,156,750 | \$ 16,727,075 | \$ 6,338,915 | \$ 105,264,536 | \$ 11,667,181 | \$ 2,400,946 | \$ 119,332,662 | \$ 1,055,982,360 | | |

Sewer System - Financial Analysis Summary Table

| Fiscal Year | Mains | Laterals | CO | Manholes | Infrastructure Subtotal | Facilities | Equipment | Annual Capital Expense | Adj. Annual Capital Expense | inflation factor | | interest rate | |
|-------------|---------------|--------------|--------------|--------------|-------------------------|------------|------------|------------------------|-----------------------------|------------------|--|----------------------|--------------|
| | | | | | | | | | | 3.20% | | 3.82% | \$ 1,202,812 |
| | | | | | | | | | | | 100% Funded inflated annual reserve contribution | Fully Funded Balance | |
| FY2023-24 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 116,049 | \$ 116,049 | 0 | \$ 116,049 | \$ 1,202,812 | \$ 6,575,338 | |
| FY2024-25 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 22,708 | \$ 7,601 | \$ 30,309 | 1 | \$ 31,278 | \$ 1,241,302 | \$ 8,036,540 | |
| FY2025-26 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 126,952 | \$ 23,275 | \$ 150,227 | 2 | \$ 159,996 | \$ 1,281,024 | \$ 9,464,564 | |
| FY2026-27 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 19,536 | \$ 19,536 | 3 | \$ 21,472 | \$ 1,322,017 | \$ 11,126,655 | |
| FY2027-28 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 4 | \$ - | \$ 1,364,321 | \$ 12,916,015 | |
| FY2028-29 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 138,805 | \$ 138,240 | \$ 277,045 | 5 | \$ 324,301 | \$ 1,407,980 | \$ 14,493,085 | |
| FY2029-30 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 25,857 | \$ 5,028 | \$ 30,884 | 6 | \$ 37,309 | \$ 1,453,035 | \$ 16,462,447 | |
| FY2030-31 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 188,822 | \$ 4,163 | \$ 192,985 | 7 | \$ 240,592 | \$ 1,499,532 | \$ 18,350,253 | |
| FY2031-32 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,270 | \$ 20,237 | \$ 25,508 | 8 | \$ 32,818 | \$ 1,547,517 | \$ 20,565,932 | |
| FY2032-33 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 26,664 | \$ - | \$ 26,664 | 9 | \$ 35,404 | \$ 1,597,038 | \$ 22,913,185 | |
| FY2033-34 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 78,494 | \$ - | \$ 78,494 | 10 | \$ 107,555 | \$ 1,648,143 | \$ 25,329,056 | |
| FY2034-35 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 33,979 | \$ 212,335 | \$ 246,313 | 11 | \$ 348,309 | \$ 1,700,884 | \$ 27,649,201 | |
| FY2035-36 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,934 | \$ 28,687 | \$ 32,621 | 12 | \$ 47,605 | \$ 1,755,312 | \$ 30,413,108 | |
| FY2036-37 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 30,573 | \$ 41,245 | \$ 71,819 | 13 | \$ 108,162 | \$ 1,811,482 | \$ 33,278,208 | |
| FY2037-38 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,893 | \$ 5,893 | 14 | \$ 9,159 | \$ 1,869,449 | \$ 36,409,726 | |
| FY2038-39 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 6,252 | \$ 116,794 | \$ 123,046 | 15 | \$ 197,362 | \$ 1,929,272 | \$ 39,532,488 | |
| FY2039-40 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 6,788 | \$ 2,146 | \$ 8,934 | 16 | \$ 14,789 | \$ 1,991,008 | \$ 43,018,849 | |
| FY2040-41 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 30,747 | \$ - | \$ 30,747 | 17 | \$ 52,523 | \$ 2,054,721 | \$ 46,664,366 | |
| FY2041-42 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 15,525 | \$ 5,028 | \$ 20,552 | 18 | \$ 36,233 | \$ 2,120,472 | \$ 50,531,184 | |
| FY2042-43 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 28,957 | \$ 4,163 | \$ 33,120 | 19 | \$ 60,256 | \$ 2,188,327 | \$ 54,589,546 | |
| FY2043-44 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,675 | \$ 5,675 | 20 | \$ 10,656 | \$ 2,258,353 | \$ 58,922,564 | |
| FY2044-45 | \$ 14,332,546 | \$ 450,894 | \$ 1,088,750 | \$ 996,850 | \$ 16,869,041 | \$ - | \$ - | \$ 16,869,041 | 21 | \$ 32,686,169 | \$ 2,330,621 | \$ 30,817,857 | |
| FY2045-46 | \$ 4,875,361 | \$ 1,649,204 | \$ 135,000 | \$ 1,639,000 | \$ 8,298,565 | \$ 302,185 | \$ 23,275 | \$ 8,624,025 | 22 | \$ 17,245,006 | \$ 2,405,200 | \$ 17,155,293 | |
| FY2046-47 | \$ 5,797,786 | \$ 1,950,512 | \$ 630,938 | \$ 1,359,670 | \$ 9,738,906 | \$ 60,662 | \$ 33,947 | \$ 9,833,515 | 23 | \$ 20,292,792 | \$ 2,482,167 | \$ (0) | |
| FY2047-48 | \$ 49,197 | \$ - | \$ - | \$ - | \$ 49,197 | \$ - | \$ - | \$ 49,197 | 24 | \$ 104,774 | \$ 2,561,596 | \$ 2,456,822 | |
| FY2048-49 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 103,480 | \$ 17,236 | \$ 120,716 | 25 | \$ 265,313 | \$ 2,643,567 | \$ 4,928,928 | |
| FY2049-50 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 39,854 | \$ - | \$ 39,854 | 26 | \$ 90,395 | \$ 2,728,161 | \$ 7,754,979 | |
| FY2050-51 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 44,077 | \$ 44,564 | \$ 88,641 | 27 | \$ 207,485 | \$ 2,815,463 | \$ 10,659,197 | |
| FY2051-52 | \$ 1,770,814 | \$ 629,843 | \$ 165,938 | \$ 507,950 | \$ 3,074,545 | \$ - | \$ 13,046 | \$ 3,087,591 | 28 | \$ 7,458,497 | \$ 2,905,557 | \$ 6,513,439 | |
| FY2052-53 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,957 | \$ 25,964 | \$ 29,921 | 29 | \$ 74,591 | \$ 2,998,535 | \$ 9,686,197 | |
| FY2053-54 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 50,947 | \$ 169,440 | \$ 220,388 | 30 | \$ 566,994 | \$ 3,094,488 | \$ 12,583,704 | |
| FY2054-55 | \$ 1,181,873 | \$ 398,445 | \$ 129,375 | \$ 377,390 | \$ 2,087,083 | \$ 30,000 | \$ 6,309 | \$ 2,123,392 | 31 | \$ 5,637,686 | \$ 3,193,512 | \$ 10,620,228 | |
| FY2055-56 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 33,048 | \$ 5,675 | \$ 38,723 | 32 | \$ 106,101 | \$ 3,295,704 | \$ 14,215,523 | |
| FY2056-57 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 90,329 | \$ 15,545 | \$ 105,873 | 33 | \$ 299,376 | \$ 3,401,167 | \$ 17,860,347 | |
| FY2057-58 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 34 | \$ - | \$ 3,510,004 | \$ 22,052,616 | |
| FY2058-59 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 142,825 | \$ 142,825 | 35 | \$ 430,124 | \$ 3,622,324 | \$ 26,087,227 | |
| FY2059-60 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 47,819 | \$ 195,969 | \$ 243,787 | 36 | \$ 757,670 | \$ 3,738,239 | \$ 30,064,328 | |
| FY2060-61 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 8,039 | \$ 5,455 | \$ 13,493 | 37 | \$ 43,278 | \$ 3,857,862 | \$ 35,027,370 | |
| FY2061-62 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,270 | \$ 22,507 | \$ 27,777 | 38 | \$ 91,941 | \$ 3,981,314 | \$ 40,254,788 | |

| | | | | | | | | | | | | |
|-----------|--------------|------------|------------|------------|--------------|------------|------------|--------------|----|---------------|---------------|----------------|
| FY2062-63 | \$ - | \$ - | \$ - | \$ 16,250 | \$ 16,250 | \$ 28,957 | \$ 11,781 | \$ 56,988 | 39 | \$ 194,666 | \$ 4,108,716 | \$ 45,706,571 |
| FY2063-64 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 136,956 | \$ - | \$ 136,956 | 40 | \$ 482,801 | \$ 4,240,195 | \$ 51,209,956 |
| FY2064-65 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 22,708 | \$ - | \$ 22,708 | 41 | \$ 82,612 | \$ 4,375,881 | \$ 57,459,445 |
| FY2065-66 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 36,235 | \$ 36,235 | 42 | \$ 136,044 | \$ 4,515,909 | \$ 64,034,261 |
| FY2066-67 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 208,978 | \$ 32,009 | \$ 240,987 | 43 | \$ 933,728 | \$ 4,660,418 | \$ 70,207,060 |
| FY2067-68 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 11,568 | \$ 11,568 | 44 | \$ 46,257 | \$ 4,809,552 | \$ 77,652,265 |
| FY2068-69 | \$ - | \$ - | \$ 67,500 | \$ - | \$ 67,500 | \$ 30,175 | \$ 116,049 | \$ 213,724 | 45 | \$ 881,942 | \$ 4,963,457 | \$ 84,700,097 |
| FY2069-70 | \$ 1,798,812 | \$ 655,603 | \$ 65,625 | \$ 440,710 | \$ 2,960,751 | \$ 46,043 | \$ 22,901 | \$ 3,029,694 | 46 | \$ 12,902,233 | \$ 5,122,288 | \$ 80,155,696 |
| FY2070-71 | \$ 202,751 | \$ 131,408 | \$ - | \$ 164,180 | \$ 498,339 | \$ 53,180 | \$ 4,585 | \$ 556,104 | 47 | \$ 2,444,002 | \$ 5,286,201 | \$ 86,059,843 |
| FY2071-72 | \$ 1,032,422 | \$ 243,737 | \$ 43,125 | \$ 377,110 | \$ 1,696,394 | \$ 28,775 | \$ - | \$ 1,725,169 | 48 | \$ 7,824,509 | \$ 5,455,360 | \$ 86,978,179 |
| FY2072-73 | \$ 799,283 | \$ 274,383 | \$ 62,813 | \$ 213,210 | \$ 1,349,689 | \$ 26,664 | \$ 5,455 | \$ 1,381,808 | 49 | \$ 6,467,744 | \$ 5,629,931 | \$ 89,462,933 |
| FY2073-74 | \$ - | \$ 373,095 | \$ 16,875 | \$ - | \$ 389,970 | \$ 48,816 | \$ - | \$ 438,786 | 50 | \$ 2,119,521 | \$ 5,810,089 | \$ 96,570,986 |
| FY2074-75 | \$ 601,568 | \$ - | \$ - | \$ 212,930 | \$ 814,498 | \$ 30,000 | \$ 745 | \$ 845,243 | 51 | \$ 4,213,529 | \$ 5,996,012 | \$ 102,042,480 |
| FY2075-76 | \$ 35,136 | \$ 20,838 | \$ 18,750 | \$ - | \$ 74,724 | \$ 3,934 | \$ - | \$ 78,658 | 52 | \$ 404,655 | \$ 6,187,884 | \$ 111,723,732 |
| FY2076-77 | \$ 504,252 | \$ - | \$ - | \$ 147,090 | \$ 651,342 | \$ 91,235 | \$ 41,143 | \$ 783,721 | 53 | \$ 4,160,881 | \$ 6,385,897 | \$ 118,216,595 |
| FY2077-78 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,028 | \$ 5,028 | 54 | \$ 27,546 | \$ 6,590,245 | \$ 129,295,167 |
| FY2078-79 | \$ 1,071,793 | \$ 50,079 | \$ 3,750 | \$ 509,350 | \$ 1,634,972 | \$ - | \$ 4,163 | \$ 1,639,135 | 55 | \$ 9,268,259 | \$ 6,801,133 | \$ 131,767,117 |
| FY2079-80 | \$ 290,482 | \$ 6,794 | \$ - | \$ - | \$ 297,276 | \$ - | \$ 5,675 | \$ 302,952 | 56 | \$ 1,767,812 | \$ 7,018,769 | \$ 142,051,577 |
| FY2080-81 | \$ 1,628,849 | \$ 429,076 | \$ 37,500 | \$ 982,840 | \$ 3,078,265 | \$ 191,493 | \$ 44,564 | \$ 3,314,322 | 57 | \$ 19,958,940 | \$ 7,243,370 | \$ 134,762,378 |
| FY2081-82 | \$ 1,454,591 | \$ 215,853 | \$ 75,000 | \$ 709,110 | \$ 2,454,554 | \$ - | \$ 13,046 | \$ 2,467,600 | 58 | \$ 15,335,473 | \$ 7,475,158 | \$ 132,049,985 |
| FY2082-83 | \$ 49,243 | \$ 140,088 | \$ - | \$ - | \$ 189,331 | \$ 28,957 | \$ 9,794 | \$ 228,082 | 59 | \$ 1,462,826 | \$ 7,714,363 | \$ 143,345,832 |
| FY2083-84 | \$ - | \$ 81,796 | \$ 5,625 | \$ - | \$ 87,421 | \$ 168,980 | \$ 164,413 | \$ 420,814 | 60 | \$ 2,785,299 | \$ 7,961,223 | \$ 153,997,566 |
| FY2084-85 | \$ 364,833 | \$ 200,554 | \$ - | \$ 212,930 | \$ 778,317 | \$ 9,642 | \$ 203,569 | \$ 991,528 | 61 | \$ 6,772,772 | \$ 8,215,982 | \$ 161,323,482 |
| FY2085-86 | \$ 931,875 | \$ 204,256 | \$ 46,875 | \$ 409,610 | \$ 1,592,617 | \$ 16,295 | \$ 23,275 | \$ 1,632,187 | 62 | \$ 11,505,649 | \$ 8,478,893 | \$ 164,459,283 |
| FY2086-87 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 43,499 | \$ 43,499 | 63 | \$ 316,449 | \$ 8,750,218 | \$ 179,175,396 |
| FY2087-88 | \$ 96,716 | \$ 325,815 | \$ 120,000 | \$ 65,000 | \$ 607,530 | \$ - | \$ - | \$ 607,530 | 64 | \$ 4,561,090 | \$ 9,030,225 | \$ 190,489,030 |
| FY2088-89 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 51,710 | \$ 138,240 | \$ 189,950 | 65 | \$ 1,471,699 | \$ 9,319,192 | \$ 205,613,205 |
| FY2089-90 | \$ 315,681 | \$ 33,679 | \$ 56,250 | \$ 132,240 | \$ 537,851 | \$ 39,854 | \$ 5,028 | \$ 582,732 | 66 | \$ 4,659,389 | \$ 9,617,406 | \$ 218,425,646 |
| FY2090-91 | \$ - | \$ - | \$ 5,625 | \$ - | \$ 5,625 | \$ 164,777 | \$ 15,944 | \$ 186,346 | 67 | \$ 1,537,662 | \$ 9,925,163 | \$ 235,157,007 |
| FY2091-92 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 34,764 | \$ 20,237 | \$ 55,002 | 68 | \$ 468,378 | \$ 10,242,768 | \$ 253,914,394 |
| FY2092-93 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,957 | \$ 745 | \$ 4,701 | 69 | \$ 41,315 | \$ 10,570,537 | \$ 274,143,146 |
| FY2093-94 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 87,157 | \$ - | \$ 87,157 | 70 | \$ 790,466 | \$ 10,908,794 | \$ 294,733,741 |
| FY2094-95 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 30,000 | \$ 4,585 | \$ 34,585 | 71 | \$ 323,702 | \$ 11,257,875 | \$ 316,926,744 |
| FY2095-96 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 12,505 | \$ 7,933 | \$ 20,438 | 72 | \$ 197,409 | \$ 11,618,127 | \$ 340,454,064 |
| FY2096-97 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 90,329 | \$ 33,301 | \$ 123,630 | 73 | \$ 1,232,368 | \$ 11,989,907 | \$ 364,216,949 |
| FY2097-98 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,893 | \$ 5,893 | 74 | \$ 60,621 | \$ 12,373,584 | \$ 390,443,000 |
| FY2098-99 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 116,049 | \$ 116,049 | 75 | \$ 1,232,025 | \$ 12,769,539 | \$ 416,895,437 |
| FY2099-00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 6,788 | \$ 2,146 | \$ 8,934 | 76 | \$ 97,884 | \$ 13,178,164 | \$ 445,901,123 |
| FY2100-01 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 9,825 | \$ - | \$ 9,825 | 77 | \$ 111,088 | \$ 13,599,866 | \$ 476,423,323 |
| FY2101-02 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,028 | \$ 5,028 | 78 | \$ 58,665 | \$ 14,035,061 | \$ 508,599,091 |
| FY2102-03 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 28,957 | \$ 4,163 | \$ 33,120 | 79 | \$ 398,826 | \$ 14,484,183 | \$ 542,112,933 |
| FY2103-04 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 26,430 | \$ 26,430 | 80 | \$ 328,455 | \$ 14,947,677 | \$ 577,440,869 |
| FY2104-05 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 22,708 | \$ 11,781 | \$ 34,489 | 81 | \$ 442,320 | \$ 15,426,003 | \$ 614,482,794 |
| FY2105-06 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 6,533 | \$ 23,275 | \$ 29,808 | 82 | \$ 394,515 | \$ 15,919,635 | \$ 653,481,156 |
| FY2106-07 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 60,662 | \$ 33,947 | \$ 94,609 | 83 | \$ 1,292,248 | \$ 16,429,063 | \$ 693,580,952 |
| FY2107-08 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 84 | \$ - | \$ 16,954,793 | \$ 737,030,537 |
| FY2108-09 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 18,105 | \$ 5,455 | \$ 23,560 | 85 | \$ 342,723 | \$ 17,497,347 | \$ 782,339,727 |
| FY2109-10 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 55,812 | \$ 195,969 | \$ 251,780 | 86 | \$ 3,779,859 | \$ 18,057,262 | \$ 826,502,507 |
| FY2110-11 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 36,210 | \$ 45,308 | \$ 81,518 | 87 | \$ 1,262,960 | \$ 18,635,094 | \$ 875,447,037 |

| | | | | | | | | | | | | | |
|---------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|-----------------------|----|--------------|---------------|------------------|
| FY2111-12 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 20,991 | \$ 20,991 | 88 | \$ 335,615 | \$ 19,231,417 | \$ 927,784,916 |
| FY2112-13 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 41,052 | \$ 5,210 | \$ 46,261 | 89 | \$ 763,330 | \$ 19,846,822 | \$ 982,309,792 |
| FY2113-14 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 58,540 | \$ 169,440 | \$ 227,980 | 90 | \$ 3,882,123 | \$ 20,481,921 | \$ 1,036,433,823 |
| FY2114-15 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 47,864 | \$ 6,309 | \$ 54,173 | 91 | \$ 951,994 | \$ 21,137,342 | \$ 1,096,210,944 |
| FY2115-16 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 10,186 | \$ 5,675 | \$ 15,861 | 92 | \$ 287,655 | \$ 21,813,737 | \$ 1,159,612,285 |
| FY2116-17 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 239,551 | \$ 14,800 | \$ 254,351 | 93 | \$ 4,760,418 | \$ 22,511,777 | \$ 1,221,660,833 |
| FY2117-18 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 94 | \$ - | \$ 23,232,154 | \$ 1,291,560,430 |
| FY2118-19 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 120,700 | \$ 154,606 | \$ 275,306 | 95 | \$ 5,487,657 | \$ 23,975,583 | \$ 1,359,385,964 |
| FY2119-20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 96 | \$ - | \$ 24,742,801 | \$ 1,436,057,309 |
| FY2120-21 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 314,174 | \$ 26,209 | \$ 340,384 | 97 | \$ 7,226,022 | \$ 25,534,571 | \$ 1,509,223,247 |
| FY2121-22 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 14,562 | \$ 14,562 | 98 | \$ 319,030 | \$ 26,351,677 | \$ 1,592,908,222 |
| FY2122-23 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 28,957 | \$ - | \$ 28,957 | 99 | \$ 654,692 | \$ 27,194,931 | \$ 1,680,297,555 |
| Totals | \$ 39,185,867 | \$ 8,465,953 | \$ 2,775,313 | \$ 9,473,420 | \$ 59,900,552 | \$ 4,383,452 | \$ 3,396,610 | \$ 67,680,613 | \$ 250,600,370 | | | | |

Solid Waste - Financial Analysis Summary Table

inflation factor
3.20%

interest rate
3.82%
\$ 16,920

| Fiscal Year | Facilities | Equipment | Annual Capital Expense | | Adj. Annual Capital Expense | 100% Funded inflated annual reserve contribution | Fully Funded Balance |
|-------------|------------|-----------|------------------------|----|-----------------------------|--|----------------------|
| FY2023-24 | \$ - | \$ - | \$ - | 0 | \$ - | \$ 16,920 | \$ - |
| FY2024-25 | \$ 4,357 | \$ 2,208 | \$ 6,565 | 1 | \$ 6,775 | \$ 17,461 | \$ 10,686 |
| FY2025-26 | \$ 1,817 | \$ - | \$ 1,817 | 2 | \$ 1,935 | \$ 18,020 | \$ 87,617 |
| FY2026-27 | \$ - | \$ 5,676 | \$ 5,676 | 3 | \$ 6,239 | \$ 18,597 | \$ 103,322 |
| FY2027-28 | \$ - | \$ - | \$ - | 4 | \$ - | \$ 19,192 | \$ 126,461 |
| FY2028-29 | \$ 12,070 | \$ - | \$ 12,070 | 5 | \$ 14,129 | \$ 19,806 | \$ 136,969 |
| FY2029-30 | \$ 107,090 | \$ - | \$ 107,090 | 6 | \$ 129,368 | \$ 20,440 | \$ 33,273 |
| FY2030-31 | \$ 9,272 | \$ 1,210 | \$ 10,481 | 7 | \$ 13,067 | \$ 21,094 | \$ 42,571 |
| FY2031-32 | \$ 814 | \$ 218 | \$ 1,032 | 8 | \$ 1,327 | \$ 21,769 | \$ 64,639 |
| FY2032-33 | \$ 4,967 | \$ - | \$ 4,967 | 9 | \$ 6,595 | \$ 22,465 | \$ 82,978 |
| FY2033-34 | \$ 1,765 | \$ - | \$ 1,765 | 10 | \$ 2,418 | \$ 23,184 | \$ 106,914 |
| FY2034-35 | \$ 1,156 | \$ 4,823 | \$ 5,979 | 11 | \$ 8,454 | \$ 23,926 | \$ 126,470 |
| FY2035-36 | \$ 1,143 | \$ 2,495 | \$ 3,638 | 12 | \$ 5,309 | \$ 24,692 | \$ 150,684 |
| FY2036-37 | \$ 4,719 | \$ 11,994 | \$ 16,714 | 13 | \$ 25,171 | \$ 25,482 | \$ 156,750 |
| FY2037-38 | \$ - | \$ 1,712 | \$ 1,712 | 14 | \$ 2,661 | \$ 26,297 | \$ 186,375 |
| FY2038-39 | \$ 68,202 | \$ 207 | \$ 68,408 | 15 | \$ 109,725 | \$ 27,139 | \$ 110,908 |
| FY2039-40 | \$ 26,112 | \$ 624 | \$ 26,736 | 16 | \$ 44,256 | \$ 28,007 | \$ 98,897 |
| FY2040-41 | \$ 6,692 | \$ - | \$ 6,692 | 17 | \$ 11,432 | \$ 28,904 | \$ 120,146 |
| FY2041-42 | \$ 3,286 | \$ - | \$ 3,286 | 18 | \$ 5,793 | \$ 29,829 | \$ 148,771 |
| FY2042-43 | \$ 611 | \$ 1,210 | \$ 1,820 | 19 | \$ 3,312 | \$ 30,783 | \$ 181,926 |
| FY2043-44 | \$ - | \$ 218 | \$ 218 | 20 | \$ 410 | \$ 31,768 | \$ 220,233 |

| | | | | | | | |
|-----------|------------|----------|------------|----|------------|-----------|------------|
| FY2044-45 | \$ - | \$ - | \$ - | 21 | \$ - | \$ 32,785 | \$ 261,431 |
| FY2045-46 | \$ 3,633 | \$ - | \$ 3,633 | 22 | \$ 7,265 | \$ 33,834 | \$ 297,987 |
| FY2046-47 | \$ 9,364 | \$ 5,632 | \$ 14,996 | 23 | \$ 30,946 | \$ 34,917 | \$ 313,340 |
| FY2047-48 | \$ - | \$ - | \$ - | 24 | \$ - | \$ 36,034 | \$ 361,343 |
| FY2048-49 | \$ 18,648 | \$ 5,076 | \$ 23,723 | 25 | \$ 52,139 | \$ 37,187 | \$ 360,194 |
| FY2049-50 | \$ 111,157 | \$ - | \$ 111,157 | 26 | \$ 252,120 | \$ 38,377 | \$ 160,211 |
| FY2050-51 | \$ 2,286 | \$ 2,305 | \$ 4,590 | 27 | \$ 10,745 | \$ 39,605 | \$ 195,191 |
| FY2051-52 | \$ - | \$ 3,790 | \$ 3,790 | 28 | \$ 9,156 | \$ 40,872 | \$ 234,363 |
| FY2052-53 | \$ 611 | \$ 1,704 | \$ 2,315 | 29 | \$ 5,771 | \$ 42,180 | \$ 279,725 |
| FY2053-54 | \$ 4,282 | \$ - | \$ 4,282 | 30 | \$ 11,016 | \$ 43,530 | \$ 322,925 |
| FY2054-55 | \$ - | \$ 1,833 | \$ 1,833 | 31 | \$ 4,867 | \$ 44,923 | \$ 375,317 |
| FY2055-56 | \$ 9,602 | \$ 218 | \$ 9,820 | 32 | \$ 26,907 | \$ 46,360 | \$ 409,107 |
| FY2056-57 | \$ 14,795 | \$ 4,507 | \$ 19,302 | 33 | \$ 54,579 | \$ 47,844 | \$ 418,001 |
| FY2057-58 | \$ - | \$ - | \$ - | 34 | \$ - | \$ 49,375 | \$ 483,343 |
| FY2058-59 | \$ 66,385 | \$ 1,332 | \$ 67,717 | 35 | \$ 203,933 | \$ 50,955 | \$ 348,829 |
| FY2059-60 | \$ 13,893 | \$ - | \$ 13,893 | 36 | \$ 43,179 | \$ 52,586 | \$ 371,561 |
| FY2060-61 | \$ 2,336 | \$ 1,585 | \$ 3,920 | 37 | \$ 12,574 | \$ 54,268 | \$ 427,449 |
| FY2061-62 | \$ 814 | \$ 2,319 | \$ 3,133 | 38 | \$ 10,369 | \$ 56,005 | \$ 489,413 |
| FY2062-63 | \$ 611 | \$ 3,491 | \$ 4,101 | 39 | \$ 14,010 | \$ 57,797 | \$ 551,896 |
| FY2063-64 | \$ 4,723 | \$ - | \$ 4,723 | 40 | \$ 16,650 | \$ 59,647 | \$ 615,975 |
| FY2064-65 | \$ 4,357 | \$ - | \$ 4,357 | 41 | \$ 15,850 | \$ 61,555 | \$ 685,211 |
| FY2065-66 | \$ - | \$ 2,305 | \$ 2,305 | 42 | \$ 8,653 | \$ 63,525 | \$ 766,258 |
| FY2066-67 | \$ 32,258 | \$ 9,300 | \$ 41,558 | 43 | \$ 161,022 | \$ 65,558 | \$ 700,065 |
| FY2067-68 | \$ - | \$ 1,930 | \$ 1,930 | 44 | \$ 7,719 | \$ 67,656 | \$ 786,744 |
| FY2068-69 | \$ 12,070 | \$ - | \$ 12,070 | 45 | \$ 49,807 | \$ 69,821 | \$ 836,811 |
| FY2069-70 | \$ 137,095 | \$ 814 | \$ 137,909 | 46 | \$ 587,297 | \$ 72,055 | \$ 353,536 |
| FY2070-71 | \$ 4,931 | \$ 1,332 | \$ 6,263 | 47 | \$ 27,524 | \$ 74,361 | \$ 413,878 |
| FY2071-72 | \$ 4,442 | \$ - | \$ 4,442 | 48 | \$ 20,146 | \$ 76,740 | \$ 486,282 |
| FY2072-73 | \$ 4,967 | \$ 1,585 | \$ 6,552 | 49 | \$ 30,669 | \$ 79,196 | \$ 553,386 |
| FY2073-74 | \$ 3,663 | \$ - | \$ 3,663 | 50 | \$ 17,692 | \$ 81,730 | \$ 638,563 |
| FY2074-75 | \$ - | \$ 207 | \$ 207 | 51 | \$ 1,031 | \$ 84,346 | \$ 746,271 |
| FY2075-76 | \$ 1,143 | \$ - | \$ 1,143 | 52 | \$ 5,879 | \$ 87,045 | \$ 855,943 |
| FY2076-77 | \$ 14,083 | \$ 7,791 | \$ 21,874 | 53 | \$ 116,132 | \$ 89,830 | \$ 862,339 |

| | | | | | | | |
|-----------|------------|----------|------------|----|--------------|------------|--------------|
| FY2077-78 | \$ - | \$ - | \$ - | 54 | \$ - | \$ 92,705 | \$ 987,985 |
| FY2078-79 | \$ 66,385 | \$ 1,210 | \$ 67,595 | 55 | \$ 382,204 | \$ 95,671 | \$ 739,193 |
| FY2079-80 | \$ - | \$ 218 | \$ 218 | 56 | \$ 1,274 | \$ 98,733 | \$ 864,889 |
| FY2080-81 | \$ 16,368 | \$ 2,305 | \$ 18,673 | 57 | \$ 112,449 | \$ 101,892 | \$ 887,371 |
| FY2081-82 | \$ - | \$ 3,790 | \$ 3,790 | 58 | \$ 23,556 | \$ 105,153 | \$ 1,002,865 |
| FY2082-83 | \$ 611 | \$ 2,846 | \$ 3,456 | 59 | \$ 22,168 | \$ 108,518 | \$ 1,127,523 |
| FY2083-84 | \$ - | \$ - | \$ - | 60 | \$ - | \$ 111,990 | \$ 1,282,585 |
| FY2084-85 | \$ 2,801 | \$ 2,208 | \$ 5,010 | 61 | \$ 34,220 | \$ 115,574 | \$ 1,412,934 |
| FY2085-86 | \$ 4,734 | \$ - | \$ 4,734 | 62 | \$ 33,374 | \$ 119,272 | \$ 1,552,806 |
| FY2086-87 | \$ - | \$ 6,810 | \$ 6,810 | 63 | \$ 49,538 | \$ 123,089 | \$ 1,685,674 |
| FY2087-88 | \$ - | \$ - | \$ - | 64 | \$ - | \$ 127,028 | \$ 1,877,095 |
| FY2088-89 | \$ 19,593 | \$ - | \$ 19,593 | 65 | \$ 151,800 | \$ 131,093 | \$ 1,928,092 |
| FY2089-90 | \$ 111,157 | \$ - | \$ 111,157 | 66 | \$ 888,783 | \$ 135,288 | \$ 1,248,250 |
| FY2090-91 | \$ 2,286 | \$ 4,700 | \$ 6,986 | 67 | \$ 57,646 | \$ 139,617 | \$ 1,377,904 |
| FY2091-92 | \$ 5,366 | \$ 218 | \$ 5,585 | 68 | \$ 47,557 | \$ 144,084 | \$ 1,527,067 |
| FY2092-93 | \$ 611 | \$ 207 | \$ 818 | 69 | \$ 7,185 | \$ 148,695 | \$ 1,726,911 |
| FY2093-94 | \$ 22,387 | \$ - | \$ 22,387 | 70 | \$ 203,035 | \$ 153,453 | \$ 1,743,298 |
| FY2094-95 | \$ - | \$ 1,332 | \$ 1,332 | 71 | \$ 12,468 | \$ 158,364 | \$ 1,955,788 |
| FY2095-96 | \$ 3,633 | \$ 2,305 | \$ 5,938 | 72 | \$ 57,355 | \$ 163,432 | \$ 2,136,575 |
| FY2096-97 | \$ 14,795 | \$ 9,675 | \$ 24,470 | 73 | \$ 243,923 | \$ 168,661 | \$ 2,142,931 |
| FY2097-98 | \$ - | \$ 1,712 | \$ 1,712 | 74 | \$ 17,613 | \$ 174,059 | \$ 2,381,236 |
| FY2098-99 | \$ 66,385 | \$ - | \$ 66,385 | 75 | \$ 704,770 | \$ 179,628 | \$ 1,947,058 |
| FY2099-00 | \$ 26,112 | \$ 624 | \$ 26,736 | 76 | \$ 292,920 | \$ 185,377 | \$ 1,913,892 |
| FY2100-01 | \$ 2,855 | \$ - | \$ 2,855 | 77 | \$ 32,276 | \$ 191,309 | \$ 2,146,036 |
| FY2101-02 | \$ - | \$ - | \$ - | 78 | \$ - | \$ 197,430 | \$ 2,425,445 |
| FY2102-03 | \$ 611 | \$ 1,210 | \$ 1,820 | 79 | \$ 21,920 | \$ 203,748 | \$ 2,699,925 |
| FY2103-04 | \$ - | \$ 409 | \$ 409 | 80 | \$ 5,079 | \$ 210,268 | \$ 3,008,251 |
| FY2104-05 | \$ 4,357 | \$ 3,491 | \$ 7,847 | 81 | \$ 100,642 | \$ 216,997 | \$ 3,239,521 |
| FY2105-06 | \$ 1,898 | \$ - | \$ 1,898 | 82 | \$ 25,121 | \$ 223,941 | \$ 3,562,090 |
| FY2106-07 | \$ 9,364 | \$ 5,632 | \$ 14,996 | 83 | \$ 204,828 | \$ 231,107 | \$ 3,724,441 |
| FY2107-08 | \$ - | \$ - | \$ - | 84 | \$ - | \$ 238,502 | \$ 4,105,216 |
| FY2108-09 | \$ 12,070 | \$ 1,585 | \$ 13,655 | 85 | \$ 198,637 | \$ 246,134 | \$ 4,309,533 |
| FY2109-10 | \$ 314,948 | \$ - | \$ 314,948 | 86 | \$ 4,728,168 | \$ 254,011 | \$ 0 |

| | | | | | | | |
|---------------|--------------------|-------------------|---------------------|----|----------------------|------------|--------------|
| FY2110-11 | \$ - | \$ 2,512 | \$ 2,512 | 87 | \$ 38,912 | \$ 262,139 | \$ 223,227 |
| FY2111-12 | \$ - | \$ 6,110 | \$ 6,110 | 88 | \$ 97,683 | \$ 270,527 | \$ 404,598 |
| FY2112-13 | \$ 7,188 | \$ 1,514 | \$ 8,702 | 89 | \$ 143,584 | \$ 279,184 | \$ 555,654 |
| FY2113-14 | \$ 6,488 | \$ - | \$ 6,488 | 90 | \$ 110,474 | \$ 288,118 | \$ 754,524 |
| FY2114-15 | \$ 5,190 | \$ 1,833 | \$ 7,023 | 91 | \$ 123,420 | \$ 297,338 | \$ 957,264 |
| FY2115-16 | \$ 2,959 | \$ 218 | \$ 3,178 | 92 | \$ 57,629 | \$ 306,853 | \$ 1,243,055 |
| FY2116-17 | \$ 36,978 | \$ 4,300 | \$ 41,278 | 93 | \$ 772,550 | \$ 316,672 | \$ 834,662 |
| FY2117-18 | \$ - | \$ - | \$ - | 94 | \$ - | \$ 326,805 | \$ 1,193,351 |
| FY2118-19 | \$ 66,385 | \$ 4,823 | \$ 71,208 | 95 | \$ 1,419,380 | \$ 337,263 | \$ 156,820 |
| FY2119-20 | \$ - | \$ - | \$ - | 96 | \$ - | \$ 348,056 | \$ 510,866 |
| FY2120-21 | \$ 4,876 | \$ 1,775 | \$ 6,651 | 97 | \$ 141,192 | \$ 359,193 | \$ 748,382 |
| FY2121-22 | \$ - | \$ - | \$ - | 98 | \$ - | \$ 370,688 | \$ 1,147,658 |
| FY2122-23 | \$ 611 | \$ - | \$ 611 | 99 | \$ 13,809 | \$ 382,550 | \$ 1,560,240 |
| Totals | \$1,576,217 | \$ 167,220 | \$ 1,743,436 | | \$ 13,793,164 | | |

Fire - Financial Analysis Summary Table

| Fiscal Year | Facilities | Equipment | Annual Capital Expense | | Adj. Annual Capital Expense | 100% Funded | | Fully Funded Balance |
|-------------|------------|------------|------------------------|----|-----------------------------|--------------------------------------|------------------------|----------------------|
| | | | | | | inflated annual reserve contribution | interest rate | |
| | | | | | | inflation factor 3.20% | interest rate 3.82% | \$ 267,195 |
| FY2023-24 | \$ 20,000 | \$ 205,027 | \$ 225,027 | 0 | \$ 225,027 | \$ 267,195 | \$ 939,491 | |
| FY2024-25 | \$ 59,028 | \$ 90,000 | \$ 149,028 | 1 | \$ 153,797 | \$ 275,745 | \$ 1,097,328 | |
| FY2025-26 | \$ 20,000 | \$ 426,984 | \$ 446,984 | 2 | \$ 476,049 | \$ 284,569 | \$ 947,766 | |
| FY2026-27 | \$ - | \$ 146,832 | \$ 146,832 | 3 | \$ 161,384 | \$ 293,675 | \$ 1,116,262 | |
| FY2027-28 | \$ - | \$ - | \$ - | 4 | \$ - | \$ 303,073 | \$ 1,461,976 | |
| FY2028-29 | \$ 25,000 | \$ 901,368 | \$ 926,368 | 5 | \$ 1,084,381 | \$ 312,771 | \$ 746,213 | |
| FY2029-30 | \$ 193,377 | \$ 63,827 | \$ 257,204 | 6 | \$ 310,710 | \$ 322,780 | \$ 786,788 | |
| FY2030-31 | \$ 18,105 | \$ 904,300 | \$ 922,405 | 7 | \$ 1,149,952 | \$ 333,109 | \$ 0 | |
| FY2031-32 | \$ 2,228 | \$ - | \$ 2,228 | 8 | \$ 2,867 | \$ 343,768 | \$ 340,901 | |
| FY2032-33 | \$ 8,631 | \$ 91,911 | \$ 100,542 | 9 | \$ 133,495 | \$ 354,769 | \$ 575,198 | |
| FY2033-34 | \$ 22,330 | \$ 41,973 | \$ 64,302 | 10 | \$ 88,110 | \$ 366,121 | \$ 875,182 | |
| FY2034-35 | \$ 22,330 | \$ 230,950 | \$ 253,280 | 11 | \$ 358,160 | \$ 377,837 | \$ 928,291 | |
| FY2035-36 | \$ - | \$ 37,657 | \$ 37,657 | 12 | \$ 54,954 | \$ 389,928 | \$ 1,298,726 | |
| FY2036-37 | \$ 12,927 | \$ 120,568 | \$ 133,495 | 13 | \$ 201,048 | \$ 402,406 | \$ 1,549,695 | |
| FY2037-38 | \$ 168,377 | \$ 65,087 | \$ 233,464 | 14 | \$ 362,857 | \$ 415,283 | \$ 1,661,319 | |
| FY2038-39 | \$ 256,050 | \$ 350,000 | \$ 606,050 | 15 | \$ 972,084 | \$ 428,572 | \$ 1,181,269 | |
| FY2039-40 | \$ 268,120 | \$ - | \$ 268,120 | 16 | \$ 443,817 | \$ 442,286 | \$ 1,224,862 | |
| FY2040-41 | \$ 26,958 | \$ 836,515 | \$ 863,473 | 17 | \$ 1,475,039 | \$ 456,439 | \$ 253,052 | |
| FY2041-42 | \$ 23,802 | \$ 362,380 | \$ 386,182 | 18 | \$ 680,812 | \$ 471,045 | \$ 52,952 | |
| FY2042-43 | \$ 1,673 | \$ 91,498 | \$ 93,171 | 19 | \$ 169,511 | \$ 486,119 | \$ 371,583 | |
| FY2043-44 | \$ - | \$ 41,973 | \$ 41,973 | 20 | \$ 78,807 | \$ 501,674 | \$ 808,646 | |

| | | | | | | | |
|-----------|------------|--------------|--------------|----|--------------|--------------|--------------|
| FY2044-45 | \$ - | \$ 191,484 | \$ 191,484 | 21 | \$ 371,027 | \$ 517,728 | \$ 986,237 |
| FY2045-46 | \$ 18,105 | \$ - | \$ 18,105 | 22 | \$ 36,204 | \$ 534,295 | \$ 1,522,003 |
| FY2046-47 | \$ 25,649 | \$ 17,074 | \$ 42,723 | 23 | \$ 88,165 | \$ 551,393 | \$ 2,043,371 |
| FY2047-48 | \$ - | \$ - | \$ - | 24 | \$ - | \$ 569,037 | \$ 2,690,465 |
| FY2048-49 | \$ 38,041 | \$ 207,612 | \$ 245,653 | 25 | \$ 539,901 | \$ 587,247 | \$ 2,840,586 |
| FY2049-50 | \$ 193,377 | \$ 112,983 | \$ 306,360 | 26 | \$ 694,871 | \$ 606,038 | \$ 2,860,264 |
| FY2050-51 | \$ - | \$ 605,156 | \$ 605,156 | 27 | \$ 1,416,509 | \$ 625,432 | \$ 2,178,450 |
| FY2051-52 | \$ - | \$ - | \$ - | 28 | \$ - | \$ 645,446 | \$ 2,907,112 |
| FY2052-53 | \$ 1,673 | \$ - | \$ 1,673 | 29 | \$ 4,170 | \$ 666,100 | \$ 3,680,093 |
| FY2053-54 | \$ 20,000 | \$ 79,629 | \$ 99,629 | 30 | \$ 256,318 | \$ 687,415 | \$ 4,251,770 |
| FY2054-55 | \$ 152,770 | \$ 213,423 | \$ 366,193 | 31 | \$ 972,256 | \$ 709,412 | \$ 4,151,344 |
| FY2055-56 | \$ - | \$ 205,939 | \$ 205,939 | 32 | \$ 564,274 | \$ 732,113 | \$ 4,477,765 |
| FY2056-57 | \$ 55,549 | \$ 50,231 | \$ 105,781 | 33 | \$ 299,114 | \$ 755,541 | \$ 5,105,243 |
| FY2057-58 | \$ 188,377 | \$ 270,469 | \$ 458,845 | 34 | \$ 1,338,986 | \$ 779,718 | \$ 4,740,996 |
| FY2058-59 | \$ 47,330 | \$ 1,214,558 | \$ 1,261,888 | 35 | \$ 3,800,233 | \$ 804,669 | \$ 1,926,539 |
| FY2059-60 | \$ 168,030 | \$ 155,739 | \$ 323,768 | 36 | \$ 1,006,244 | \$ 830,419 | \$ 1,824,307 |
| FY2060-61 | \$ 18,105 | \$ 450,000 | \$ 468,105 | 37 | \$ 1,501,385 | \$ 856,992 | \$ 1,249,603 |
| FY2061-62 | \$ 2,228 | \$ - | \$ 2,228 | 38 | \$ 7,376 | \$ 884,416 | \$ 2,174,378 |
| FY2062-63 | \$ 1,673 | \$ 116,412 | \$ 118,084 | 39 | \$ 403,367 | \$ 912,717 | \$ 2,766,789 |
| FY2063-64 | \$ - | \$ 41,973 | \$ 41,973 | 40 | \$ 147,964 | \$ 941,924 | \$ 3,666,441 |
| FY2064-65 | \$ 6,958 | \$ 148,914 | \$ 155,872 | 41 | \$ 567,070 | \$ 972,066 | \$ 4,211,495 |
| FY2065-66 | \$ - | \$ - | \$ - | 42 | \$ - | \$ 1,003,172 | \$ 5,375,546 |
| FY2066-67 | \$ 88,360 | \$ 91,498 | \$ 179,858 | 43 | \$ 696,878 | \$ 1,035,273 | \$ 5,919,287 |
| FY2067-68 | \$ - | \$ - | \$ - | 44 | \$ - | \$ 1,068,402 | \$ 7,213,806 |
| FY2068-69 | \$ 256,050 | \$ 91,911 | \$ 347,961 | 45 | \$ 1,435,877 | \$ 1,102,591 | \$ 7,156,087 |
| FY2069-70 | \$ 436,497 | \$ - | \$ 436,497 | 46 | \$ 1,858,861 | \$ 1,137,874 | \$ 6,708,463 |
| FY2070-71 | \$ - | \$ 1,240,584 | \$ 1,240,584 | 47 | \$ 5,452,202 | \$ 1,174,286 | \$ 2,686,810 |
| FY2071-72 | \$ 12,167 | \$ 102,744 | \$ 114,911 | 48 | \$ 521,177 | \$ 1,211,863 | \$ 3,480,132 |
| FY2072-73 | \$ 28,631 | \$ - | \$ 28,631 | 49 | \$ 134,010 | \$ 1,250,643 | \$ 4,729,706 |
| FY2073-74 | \$ 20,000 | \$ 312,442 | \$ 332,442 | 50 | \$ 1,605,833 | \$ 1,290,663 | \$ 4,595,211 |
| FY2074-75 | \$ - | \$ 312,427 | \$ 312,427 | 51 | \$ 1,557,449 | \$ 1,331,964 | \$ 4,545,264 |
| FY2075-76 | \$ 18,105 | \$ 71,143 | \$ 89,248 | 52 | \$ 459,139 | \$ 1,374,587 | \$ 5,634,341 |
| FY2076-77 | \$ 38,576 | \$ 7,612 | \$ 46,188 | 53 | \$ 245,216 | \$ 1,418,574 | \$ 7,022,931 |

| | | | | | | | |
|-----------|------------|------------|------------|----|--------------|--------------|---------------|
| FY2077-78 | \$ 168,377 | \$ 91,911 | \$ 260,288 | 54 | \$ 1,426,125 | \$ 1,463,969 | \$ 7,329,051 |
| FY2078-79 | \$ 25,000 | \$ 550,000 | \$ 575,000 | 55 | \$ 3,251,256 | \$ 1,510,815 | \$ 5,868,580 |
| FY2079-80 | \$ 25,000 | \$ 41,840 | \$ 66,840 | 56 | \$ 390,032 | \$ 1,559,162 | \$ 7,261,890 |
| FY2080-81 | \$ 13,041 | \$ 95,992 | \$ 109,033 | 57 | \$ 656,600 | \$ 1,609,055 | \$ 8,491,748 |
| FY2081-82 | \$ - | \$ - | \$ - | 58 | \$ - | \$ 1,660,545 | \$ 10,476,678 |
| FY2082-83 | \$ 1,673 | \$ 211,702 | \$ 213,375 | 59 | \$ 1,368,503 | \$ 1,713,682 | \$ 11,222,066 |
| FY2083-84 | \$ 42,330 | \$ 41,973 | \$ 84,302 | 60 | \$ 557,984 | \$ 1,768,520 | \$ 12,861,285 |
| FY2084-85 | \$ 54,400 | \$ 90,000 | \$ 144,400 | 61 | \$ 986,341 | \$ 1,825,112 | \$ 14,191,357 |
| FY2085-86 | \$ - | \$ 156,515 | \$ 156,515 | 62 | \$ 1,103,310 | \$ 1,883,516 | \$ 15,513,672 |
| FY2086-87 | \$ - | \$ 91,911 | \$ 91,911 | 63 | \$ 668,636 | \$ 1,943,789 | \$ 17,381,447 |
| FY2087-88 | \$ - | \$ - | \$ - | 64 | \$ - | \$ 2,005,990 | \$ 20,051,408 |
| FY2088-89 | \$ 51,958 | \$ 909,291 | \$ 961,248 | 65 | \$ 7,447,593 | \$ 2,070,181 | \$ 15,439,960 |
| FY2089-90 | \$ 213,377 | \$ 371,953 | \$ 585,329 | 66 | \$ 4,680,156 | \$ 2,136,427 | \$ 13,486,038 |
| FY2090-91 | \$ 18,105 | \$ 953,179 | \$ 971,284 | 67 | \$ 8,014,676 | \$ 2,204,793 | \$ 8,191,322 |
| FY2091-92 | \$ 14,699 | \$ - | \$ 14,699 | 68 | \$ 125,172 | \$ 2,275,346 | \$ 10,654,404 |
| FY2092-93 | \$ 1,673 | \$ - | \$ 1,673 | 69 | \$ 14,702 | \$ 2,348,157 | \$ 13,394,858 |
| FY2093-94 | \$ - | \$ 91,397 | \$ 91,397 | 70 | \$ 828,917 | \$ 2,423,298 | \$ 15,500,923 |
| FY2094-95 | \$ - | \$ 131,840 | \$ 131,840 | 71 | \$ 1,233,974 | \$ 2,500,844 | \$ 17,359,928 |
| FY2095-96 | \$ - | \$ 91,911 | \$ 91,911 | 72 | \$ 887,784 | \$ 2,580,871 | \$ 19,716,164 |
| FY2096-97 | \$ 35,549 | \$ - | \$ 35,549 | 73 | \$ 354,362 | \$ 2,663,459 | \$ 22,778,419 |
| FY2097-98 | \$ 168,377 | \$ - | \$ 168,377 | 74 | \$ 1,732,124 | \$ 2,748,689 | \$ 24,665,119 |
| FY2098-99 | \$ 256,050 | \$ 496,832 | \$ 752,882 | 75 | \$ 7,992,901 | \$ 2,836,648 | \$ 20,451,073 |
| FY2099-00 | \$ 268,120 | \$ - | \$ 268,120 | 76 | \$ 2,937,556 | \$ 2,927,420 | \$ 21,222,168 |
| FY2100-01 | \$ - | \$ 853,590 | \$ 853,590 | 77 | \$ 9,651,299 | \$ 3,021,098 | \$ 15,402,653 |
| FY2101-02 | \$ - | \$ 71,143 | \$ 71,143 | 78 | \$ 830,138 | \$ 3,117,773 | \$ 18,278,669 |
| FY2102-03 | \$ 1,673 | \$ - | \$ 1,673 | 79 | \$ 20,145 | \$ 3,217,542 | \$ 22,174,311 |
| FY2103-04 | \$ - | \$ 41,973 | \$ 41,973 | 80 | \$ 521,608 | \$ 3,320,503 | \$ 25,820,265 |
| FY2104-05 | \$ 147,658 | \$ 253,350 | \$ 401,008 | 81 | \$ 5,142,906 | \$ 3,426,759 | \$ 25,090,452 |
| FY2105-06 | \$ 38,105 | \$ 335,556 | \$ 373,661 | 82 | \$ 4,945,535 | \$ 3,536,415 | \$ 24,639,788 |
| FY2106-07 | \$ 25,649 | \$ 149,834 | \$ 175,483 | 83 | \$ 2,396,897 | \$ 3,649,581 | \$ 26,833,711 |
| FY2107-08 | \$ - | \$ 37,657 | \$ 37,657 | 84 | \$ 530,806 | \$ 3,766,367 | \$ 31,094,320 |
| FY2108-09 | \$ 47,330 | \$ 250,231 | \$ 297,561 | 85 | \$ 4,328,628 | \$ 3,886,891 | \$ 31,840,386 |
| FY2109-10 | \$ 336,406 | \$ 41,840 | \$ 378,246 | 86 | \$ 5,678,432 | \$ 4,011,271 | \$ 31,389,528 |

| | | | | | | | |
|---------------|---------------------|----------------------|----------------------|----|-----------------------|--------------|---------------|
| FY2110-11 | \$ - | \$ 404,069 | \$ 404,069 | 87 | \$ 6,260,212 | \$ 4,139,632 | \$ 30,468,028 |
| FY2111-12 | \$ - | \$ - | \$ - | 88 | \$ - | \$ 4,272,100 | \$ 35,904,007 |
| FY2112-13 | \$ 14,714 | \$ 49,424 | \$ 64,138 | 89 | \$ 1,058,303 | \$ 4,408,808 | \$ 40,626,045 |
| FY2113-14 | \$ 20,000 | \$ 133,884 | \$ 153,884 | 90 | \$ 2,620,394 | \$ 4,549,889 | \$ 44,107,455 |
| FY2114-15 | \$ 32,070 | \$ 161,143 | \$ 193,213 | 91 | \$ 3,395,388 | \$ 4,695,486 | \$ 47,092,457 |
| FY2115-16 | \$ - | \$ 156,515 | \$ 156,515 | 92 | \$ 2,838,498 | \$ 4,845,741 | \$ 50,898,632 |
| FY2116-17 | \$ 101,287 | \$ 37,657 | \$ 138,943 | 93 | \$ 2,600,454 | \$ 5,000,805 | \$ 55,243,311 |
| FY2117-18 | \$ 168,377 | \$ - | \$ 168,377 | 94 | \$ 3,252,168 | \$ 5,160,831 | \$ 59,262,268 |
| FY2118-19 | \$ 25,000 | \$ 1,147,746 | \$ 1,172,746 | 95 | \$ 23,376,271 | \$ 5,325,977 | \$ 43,475,794 |
| FY2119-20 | \$ 25,000 | \$ 63,827 | \$ 88,827 | 96 | \$ 1,827,248 | \$ 5,496,409 | \$ 48,805,730 |
| FY2120-21 | \$ 45,063 | \$ 450,000 | \$ 495,063 | 97 | \$ 10,509,714 | \$ 5,672,294 | \$ 45,832,689 |
| FY2121-22 | \$ 20,000 | \$ 270,469 | \$ 290,469 | 98 | \$ 6,363,704 | \$ 5,853,807 | \$ 47,073,601 |
| FY2122-23 | \$ 1,673 | \$ 82,765 | \$ 84,438 | 99 | \$ 1,909,090 | \$ 6,041,129 | \$ 53,003,852 |
| Totals | \$ 5,392,910 | \$ 20,731,733 | \$ 26,124,643 | | \$ 183,281,476 | | |

Snow - Financial Analysis Summary Table

inflation factor
3.20%

interest rate
3.82%
\$ 194,414

| Fiscal Year | Facilities | Equipment | Annual Capital Expense | | Adj. Annual Capital Expense | 100% Funded inflated annual reserve contribution | Fully Funded Balance |
|-------------|------------|------------|------------------------|----|-----------------------------|--|----------------------|
| FY2023-24 | \$ - | \$ - | \$ - | 0 | \$ - | \$ 194,414 | \$ 425,023 |
| FY2024-25 | \$ 12,025 | \$ 489,450 | \$ 501,475 | 1 | \$ 517,522 | \$ 200,635 | \$ 124,372 |
| FY2025-26 | \$ 7,773 | \$ - | \$ 7,773 | 2 | \$ 8,279 | \$ 207,055 | \$ 327,900 |
| FY2026-27 | \$ - | \$ 420,288 | \$ 420,288 | 3 | \$ 461,941 | \$ 213,681 | \$ 92,167 |
| FY2027-28 | \$ - | \$ - | \$ - | 4 | \$ - | \$ 220,519 | \$ 316,207 |
| FY2028-29 | \$ - | \$ 330,000 | \$ 330,000 | 5 | \$ 386,289 | \$ 227,576 | \$ 169,572 |
| FY2029-30 | \$ 32,146 | \$ 293,061 | \$ 325,207 | 6 | \$ 392,860 | \$ 234,858 | \$ 18,047 |
| FY2030-31 | \$ 39,674 | \$ 5,176 | \$ 44,850 | 7 | \$ 55,914 | \$ 242,374 | \$ 205,197 |
| FY2031-32 | \$ 1,362 | \$ 491 | \$ 1,853 | 8 | \$ 2,384 | \$ 250,129 | \$ 460,781 |
| FY2032-33 | \$ 13,047 | \$ - | \$ 13,047 | 9 | \$ 17,324 | \$ 258,134 | \$ 719,193 |
| FY2033-34 | \$ 7,551 | \$ 205,456 | \$ 213,007 | 10 | \$ 291,871 | \$ 266,394 | \$ 721,189 |
| FY2034-35 | \$ 4,946 | \$ 357,252 | \$ 362,198 | 11 | \$ 512,180 | \$ 274,918 | \$ 511,477 |
| FY2035-36 | \$ 4,890 | \$ 290,814 | \$ 295,705 | 12 | \$ 431,533 | \$ 283,716 | \$ 383,197 |
| FY2036-37 | \$ 7,900 | \$ 450,674 | \$ 458,574 | 13 | \$ 690,630 | \$ 292,795 | \$ 0 |
| FY2037-38 | \$ - | \$ 16,126 | \$ 16,126 | 14 | \$ 25,064 | \$ 302,164 | \$ 277,100 |
| FY2038-39 | \$ 7,773 | \$ 250,869 | \$ 258,642 | 15 | \$ 414,853 | \$ 311,833 | \$ 184,666 |
| FY2039-40 | \$ 8,439 | \$ 2,668 | \$ 11,107 | 16 | \$ 18,386 | \$ 321,812 | \$ 495,147 |
| FY2040-41 | \$ 22,019 | \$ - | \$ 22,019 | 17 | \$ 37,614 | \$ 332,110 | \$ 808,557 |
| FY2041-42 | \$ 10,445 | \$ - | \$ 10,445 | 18 | \$ 18,414 | \$ 342,738 | \$ 1,163,767 |
| FY2042-43 | \$ 1,022 | \$ 5,176 | \$ 6,198 | 19 | \$ 11,277 | \$ 353,705 | \$ 1,550,652 |
| FY2043-44 | \$ - | \$ 51,855 | \$ 51,855 | 20 | \$ 97,361 | \$ 365,024 | \$ 1,877,549 |

| | | | | | | | |
|-----------|-----------|--------------|--------------|----|--------------|--------------|--------------|
| FY2044-45 | \$ - | \$ 600,000 | \$ 600,000 | 21 | \$ 1,162,585 | \$ 376,705 | \$ 1,163,391 |
| FY2045-46 | \$ 15,547 | \$ 210,000 | \$ 225,547 | 22 | \$ 451,014 | \$ 388,759 | \$ 1,145,578 |
| FY2046-47 | \$ 15,674 | \$ 174,100 | \$ 189,774 | 23 | \$ 391,625 | \$ 401,199 | \$ 1,198,913 |
| FY2047-48 | \$ - | \$ - | \$ - | 24 | \$ - | \$ 414,038 | \$ 1,658,750 |
| FY2048-49 | \$ 15,743 | \$ 258,333 | \$ 274,076 | 25 | \$ 602,369 | \$ 427,287 | \$ 1,547,032 |
| FY2049-50 | \$ 49,548 | \$ 293,061 | \$ 342,609 | 26 | \$ 777,089 | \$ 440,960 | \$ 1,269,999 |
| FY2050-51 | \$ 9,781 | \$ 9,862 | \$ 19,643 | 27 | \$ 45,979 | \$ 455,071 | \$ 1,727,605 |
| FY2051-52 | \$ - | \$ 74,985 | \$ 74,985 | 28 | \$ 181,137 | \$ 469,633 | \$ 2,082,095 |
| FY2052-53 | \$ 1,022 | \$ 16,229 | \$ 17,251 | 29 | \$ 43,006 | \$ 484,661 | \$ 2,603,287 |
| FY2053-54 | \$ 18,322 | \$ - | \$ 18,322 | 30 | \$ 47,138 | \$ 500,171 | \$ 3,155,765 |
| FY2054-55 | \$ - | \$ 357,844 | \$ 357,844 | 31 | \$ 950,089 | \$ 516,176 | \$ 2,842,403 |
| FY2055-56 | \$ 41,086 | \$ 210,491 | \$ 251,577 | 32 | \$ 689,322 | \$ 532,694 | \$ 2,794,354 |
| FY2056-57 | \$ 29,498 | \$ 169,269 | \$ 198,766 | 33 | \$ 562,047 | \$ 549,740 | \$ 2,888,791 |
| FY2057-58 | \$ - | \$ 118,500 | \$ 118,500 | 34 | \$ 345,802 | \$ 567,332 | \$ 3,220,672 |
| FY2058-59 | \$ - | \$ 461,156 | \$ 461,156 | 35 | \$ 1,388,793 | \$ 585,486 | \$ 2,540,396 |
| FY2059-60 | \$ 59,450 | \$ - | \$ 59,450 | 36 | \$ 184,766 | \$ 604,222 | \$ 3,056,895 |
| FY2060-61 | \$ 9,994 | \$ 6,782 | \$ 16,775 | 37 | \$ 53,805 | \$ 623,557 | \$ 3,743,420 |
| FY2061-62 | \$ 1,362 | \$ 185,781 | \$ 187,143 | 38 | \$ 619,445 | \$ 643,511 | \$ 3,910,485 |
| FY2062-63 | \$ 1,022 | \$ 1,551 | \$ 2,574 | 39 | \$ 8,792 | \$ 664,103 | \$ 4,715,176 |
| FY2063-64 | \$ 20,210 | \$ - | \$ 20,210 | 40 | \$ 71,245 | \$ 685,354 | \$ 5,509,405 |
| FY2064-65 | \$ 12,025 | \$ 1,126,547 | \$ 1,138,572 | 41 | \$ 4,142,172 | \$ 707,286 | \$ 2,284,979 |
| FY2065-66 | \$ - | \$ 219,862 | \$ 219,862 | 42 | \$ 825,464 | \$ 729,919 | \$ 2,276,720 |
| FY2066-67 | \$ 53,998 | \$ 461,287 | \$ 515,285 | 43 | \$ 1,996,523 | \$ 753,276 | \$ 1,120,444 |
| FY2067-68 | \$ - | \$ 16,617 | \$ 16,617 | 44 | \$ 66,446 | \$ 777,381 | \$ 1,874,180 |
| FY2068-69 | \$ - | \$ 301,364 | \$ 301,364 | 45 | \$ 1,243,592 | \$ 802,257 | \$ 1,504,439 |
| FY2069-70 | \$ 57,242 | \$ 296,681 | \$ 353,923 | 46 | \$ 1,507,214 | \$ 827,930 | \$ 882,624 |
| FY2070-71 | \$ 21,098 | \$ 5,700 | \$ 26,798 | 47 | \$ 117,776 | \$ 854,423 | \$ 1,652,988 |
| FY2071-72 | \$ 7,435 | \$ - | \$ 7,435 | 48 | \$ 33,722 | \$ 881,765 | \$ 2,564,175 |
| FY2072-73 | \$ 13,047 | \$ 6,782 | \$ 19,829 | 49 | \$ 92,812 | \$ 909,981 | \$ 3,479,296 |
| FY2073-74 | \$ 15,673 | \$ - | \$ 15,673 | 50 | \$ 75,706 | \$ 939,101 | \$ 4,475,599 |
| FY2074-75 | \$ - | \$ 350,869 | \$ 350,869 | 51 | \$ 1,749,078 | \$ 969,152 | \$ 3,866,641 |
| FY2075-76 | \$ 4,890 | \$ 210,000 | \$ 214,890 | 52 | \$ 1,105,506 | \$ 1,000,165 | \$ 3,909,005 |
| FY2076-77 | \$ 23,574 | \$ 169,951 | \$ 193,526 | 53 | \$ 1,027,454 | \$ 1,032,170 | \$ 4,063,045 |

| | | | | | | | |
|-----------|-----------|------------|------------|----|--------------|--------------|---------------|
| FY2077-78 | \$ - | \$ - | \$ - | 54 | \$ - | \$ 1,065,199 | \$ 5,283,453 |
| FY2078-79 | \$ - | \$ 255,176 | \$ 255,176 | 55 | \$ 1,442,856 | \$ 1,099,286 | \$ 5,141,711 |
| FY2079-80 | \$ - | \$ 491 | \$ 491 | 56 | \$ 2,866 | \$ 1,134,463 | \$ 6,469,721 |
| FY2080-81 | \$ 57,637 | \$ 9,862 | \$ 67,499 | 57 | \$ 406,484 | \$ 1,170,766 | \$ 7,481,146 |
| FY2081-82 | \$ - | \$ 74,985 | \$ 74,985 | 58 | \$ 466,014 | \$ 1,208,230 | \$ 8,509,142 |
| FY2082-83 | \$ 1,022 | \$ 20,977 | \$ 21,999 | 59 | \$ 141,095 | \$ 1,246,894 | \$ 9,939,990 |
| FY2083-84 | \$ - | \$ 205,456 | \$ 205,456 | 60 | \$ 1,359,880 | \$ 1,286,794 | \$ 10,246,612 |
| FY2084-85 | \$ 11,987 | \$ 359,450 | \$ 371,437 | 61 | \$ 2,537,153 | \$ 1,327,972 | \$ 9,428,852 |
| FY2085-86 | \$ 20,259 | \$ 210,000 | \$ 230,259 | 62 | \$ 1,623,146 | \$ 1,370,467 | \$ 9,536,354 |
| FY2086-87 | \$ - | \$ 355,134 | \$ 355,134 | 63 | \$ 2,583,525 | \$ 1,414,322 | \$ 8,731,440 |
| FY2087-88 | \$ - | \$ - | \$ - | 64 | \$ - | \$ 1,459,580 | \$ 10,524,561 |
| FY2088-89 | \$ 25,572 | \$ 250,000 | \$ 275,572 | 65 | \$ 2,135,089 | \$ 1,506,287 | \$ 10,297,797 |
| FY2089-90 | \$ 49,548 | \$ 293,061 | \$ 342,609 | 66 | \$ 2,739,421 | \$ 1,554,488 | \$ 9,506,239 |
| FY2090-91 | \$ 9,781 | \$ 6,727 | \$ 16,508 | 67 | \$ 136,219 | \$ 1,604,231 | \$ 11,337,390 |
| FY2091-92 | \$ 8,983 | \$ 491 | \$ 9,474 | 68 | \$ 80,677 | \$ 1,655,567 | \$ 13,345,368 |
| FY2092-93 | \$ 1,022 | \$ 119,369 | \$ 120,391 | 69 | \$ 1,058,019 | \$ 1,708,545 | \$ 14,505,687 |
| FY2093-94 | \$ 18,322 | \$ 51,364 | \$ 69,686 | 70 | \$ 632,013 | \$ 1,763,218 | \$ 16,191,010 |
| FY2094-95 | \$ - | \$ 355,700 | \$ 355,700 | 71 | \$ 3,329,220 | \$ 1,819,641 | \$ 15,299,928 |
| FY2095-96 | \$ 15,547 | \$ 219,862 | \$ 235,409 | 72 | \$ 2,273,845 | \$ 1,877,870 | \$ 15,488,409 |
| FY2096-97 | \$ 29,498 | \$ 264,893 | \$ 294,390 | 73 | \$ 2,934,551 | \$ 1,937,962 | \$ 15,083,477 |
| FY2097-98 | \$ - | \$ 16,126 | \$ 16,126 | 74 | \$ 165,894 | \$ 1,999,976 | \$ 17,493,749 |
| FY2098-99 | \$ - | \$ 250,000 | \$ 250,000 | 75 | \$ 2,654,100 | \$ 2,063,976 | \$ 17,571,885 |
| FY2099-00 | \$ 8,439 | \$ 252,668 | \$ 261,107 | 76 | \$ 2,860,725 | \$ 2,130,023 | \$ 17,512,430 |
| FY2100-01 | \$ 12,215 | \$ - | \$ 12,215 | 77 | \$ 138,110 | \$ 2,198,184 | \$ 20,241,478 |
| FY2101-02 | \$ - | \$ - | \$ - | 78 | \$ - | \$ 2,268,526 | \$ 23,283,228 |
| FY2102-03 | \$ 1,022 | \$ 5,176 | \$ 6,198 | 79 | \$ 74,639 | \$ 2,341,118 | \$ 26,439,127 |
| FY2103-04 | \$ - | \$ 1,443 | \$ 1,443 | 80 | \$ 17,935 | \$ 2,416,034 | \$ 29,847,201 |
| FY2104-05 | \$ 12,025 | \$ 351,551 | \$ 363,576 | 81 | \$ 4,662,848 | \$ 2,493,347 | \$ 28,817,863 |
| FY2105-06 | \$ 8,122 | \$ 210,000 | \$ 218,122 | 82 | \$ 2,886,916 | \$ 2,573,134 | \$ 29,604,924 |
| FY2106-07 | \$ 15,674 | \$ 372,100 | \$ 387,774 | 83 | \$ 5,296,563 | \$ 2,655,475 | \$ 28,094,744 |
| FY2107-08 | \$ - | \$ - | \$ - | 84 | \$ - | \$ 2,740,450 | \$ 31,908,413 |
| FY2108-09 | \$ - | \$ 462,238 | \$ 462,238 | 85 | \$ 6,724,182 | \$ 2,828,144 | \$ 29,231,277 |
| FY2109-10 | \$ 69,387 | \$ 293,061 | \$ 362,448 | 86 | \$ 5,441,268 | \$ 2,918,645 | \$ 27,825,288 |

| | | | | | | | |
|---------------|--------------------|---------------------|----------------------|----|-----------------------|--------------|---------------|
| FY2110-11 | \$ - | \$ 10,731 | \$ 10,731 | 87 | \$ 166,254 | \$ 3,012,041 | \$ 31,734,002 |
| FY2111-12 | \$ - | \$ 260,767 | \$ 260,767 | 88 | \$ 4,169,326 | \$ 3,108,427 | \$ 31,885,342 |
| FY2112-13 | \$ 16,765 | \$ 15,277 | \$ 32,042 | 89 | \$ 528,700 | \$ 3,207,896 | \$ 35,782,559 |
| FY2113-14 | \$ 27,761 | \$ - | \$ 27,761 | 90 | \$ 472,724 | \$ 3,310,549 | \$ 39,987,277 |
| FY2114-15 | \$ 22,209 | \$ 357,844 | \$ 380,053 | 91 | \$ 6,678,767 | \$ 3,416,487 | \$ 38,252,511 |
| FY2115-16 | \$ 12,663 | \$ 210,491 | \$ 223,155 | 92 | \$ 4,047,045 | \$ 3,525,814 | \$ 39,192,526 |
| FY2116-17 | \$ 61,897 | \$ 168,400 | \$ 230,297 | 93 | \$ 4,310,234 | \$ 3,638,640 | \$ 40,018,087 |
| FY2117-18 | \$ - | \$ - | \$ - | 94 | \$ - | \$ 3,755,077 | \$ 45,301,855 |
| FY2118-19 | \$ - | \$ 308,616 | \$ 308,616 | 95 | \$ 6,151,614 | \$ 3,875,239 | \$ 44,756,011 |
| FY2119-20 | \$ - | \$ 776,547 | \$ 776,547 | 96 | \$ 15,974,184 | \$ 3,999,247 | \$ 34,490,754 |
| FY2220-21 | \$ 14,246 | \$ 7,734 | \$ 21,979 | 97 | \$ 466,603 | \$ 4,127,223 | \$ 39,468,920 |
| FY2121-22 | \$ - | \$ - | \$ - | 98 | \$ - | \$ 4,259,294 | \$ 45,235,927 |
| FY2122-23 | \$ 1,022 | \$ - | \$ 1,022 | 99 | \$ 23,114 | \$ 4,395,591 | \$ 51,336,416 |
| Totals | \$1,210,883 | \$16,866,729 | \$ 18,077,612 | | \$ 126,745,026 | | |

Fuels - Financial Analysis Summary Table

inflation factor
3.20%

interest rate
3.82%
\$ 9,900

| Fiscal Year | Facilities | Equipment | Annual Capital Expense | | Adj. Annual Capital Expense | 100% Funded inflated annual reserve contribution | Fully Funded Balance |
|-------------|------------|-----------|------------------------|----|-----------------------------|--|----------------------|
| FY2023-24 | \$ - | \$ - | \$ - | 0 | \$ - | \$ 9,900 | \$ - |
| FY2024-25 | \$ 1,436 | \$ - | \$ 1,436 | 1 | \$ 1,482 | \$ 10,217 | \$ 8,735 |
| FY2025-26 | \$ - | \$ - | \$ - | 2 | \$ - | \$ 10,544 | \$ 19,613 |
| FY2026-27 | \$ - | \$ - | \$ - | 3 | \$ - | \$ 10,881 | \$ 31,244 |
| FY2027-28 | \$ - | \$ - | \$ - | 4 | \$ - | \$ 11,230 | \$ 43,667 |
| FY2028-29 | \$ - | \$ - | \$ - | 5 | \$ - | \$ 11,589 | \$ 56,924 |
| FY2029-30 | \$ - | \$ - | \$ - | 6 | \$ - | \$ 11,960 | \$ 71,058 |
| FY2030-31 | \$ - | \$ 60,000 | \$ 60,000 | 7 | \$ 74,801 | \$ 12,342 | \$ 11,313 |
| FY2031-32 | \$ 460 | \$ - | \$ 460 | 8 | \$ 592 | \$ 12,737 | \$ 23,891 |
| FY2032-33 | \$ 1,781 | \$ - | \$ 1,781 | 9 | \$ 2,365 | \$ 13,145 | \$ 35,584 |
| FY2033-34 | \$ - | \$ - | \$ - | 10 | \$ - | \$ 13,566 | \$ 50,509 |
| FY2034-35 | \$ - | \$ 2,909 | \$ 2,909 | 11 | \$ 4,113 | \$ 14,000 | \$ 62,325 |
| FY2035-36 | \$ - | \$ 54,239 | \$ 54,239 | 12 | \$ 79,154 | \$ 14,448 | \$ 0 |
| FY2036-37 | \$ 2,667 | \$ - | \$ 2,667 | 13 | \$ 4,017 | \$ 14,910 | \$ 10,893 |
| FY2037-38 | \$ - | \$ - | \$ - | 14 | \$ - | \$ 15,387 | \$ 26,696 |
| FY2038-39 | \$ - | \$ - | \$ - | 15 | \$ - | \$ 15,880 | \$ 43,595 |
| FY2039-40 | \$ - | \$ - | \$ - | 16 | \$ - | \$ 16,388 | \$ 61,649 |
| FY2040-41 | \$ 1,436 | \$ - | \$ 1,436 | 17 | \$ 2,453 | \$ 16,912 | \$ 78,463 |
| FY2041-42 | \$ 785 | \$ - | \$ 785 | 18 | \$ 1,383 | \$ 17,453 | \$ 97,531 |
| FY2042-43 | \$ 345 | \$ - | \$ 345 | 19 | \$ 628 | \$ 18,012 | \$ 118,640 |
| FY2043-44 | \$ - | \$ - | \$ - | 20 | \$ - | \$ 18,588 | \$ 141,760 |

| | | | | | | | |
|-----------|-----------|-----------|-----------|----|------------|-----------|--------------|
| FY2044-45 | \$ - | \$ - | \$ - | 21 | \$ - | \$ 19,183 | \$ 166,359 |
| FY2045-46 | \$ - | \$ - | \$ - | 22 | \$ - | \$ 19,797 | \$ 192,511 |
| FY2046-47 | \$ 5,293 | \$ - | \$ 5,293 | 23 | \$ 10,922 | \$ 20,430 | \$ 209,373 |
| FY2047-48 | \$ - | \$ - | \$ - | 24 | \$ - | \$ 21,084 | \$ 238,455 |
| FY2048-49 | \$ 2,691 | \$ 2,909 | \$ 5,600 | 25 | \$ 12,308 | \$ 21,759 | \$ 257,015 |
| FY2049-50 | \$ - | \$ - | \$ - | 26 | \$ - | \$ 22,455 | \$ 289,288 |
| FY2050-51 | \$ - | \$ 54,239 | \$ 54,239 | 27 | \$ 126,960 | \$ 23,174 | \$ 196,553 |
| FY2051-52 | \$ - | \$ - | \$ - | 28 | \$ - | \$ 23,915 | \$ 227,976 |
| FY2052-53 | \$ 345 | \$ - | \$ 345 | 29 | \$ 861 | \$ 24,681 | \$ 260,505 |
| FY2053-54 | \$ - | \$ - | \$ - | 30 | \$ - | \$ 25,470 | \$ 295,927 |
| FY2054-55 | \$ - | \$ 60,000 | \$ 60,000 | 31 | \$ 159,302 | \$ 26,285 | \$ 174,214 |
| FY2055-56 | \$ - | \$ - | \$ - | 32 | \$ - | \$ 27,127 | \$ 207,996 |
| FY2056-57 | \$ 7,336 | \$ - | \$ 7,336 | 33 | \$ 20,743 | \$ 27,995 | \$ 223,193 |
| FY2057-58 | \$ - | \$ - | \$ - | 34 | \$ - | \$ 28,890 | \$ 260,610 |
| FY2058-59 | \$ - | \$ - | \$ - | 35 | \$ - | \$ 29,815 | \$ 300,380 |
| FY2059-60 | \$ - | \$ - | \$ - | 36 | \$ - | \$ 30,769 | \$ 342,623 |
| FY2060-61 | \$ - | \$ - | \$ - | 37 | \$ - | \$ 31,754 | \$ 387,465 |
| FY2061-62 | \$ 460 | \$ - | \$ 460 | 38 | \$ 1,522 | \$ 32,770 | \$ 433,514 |
| FY2062-63 | \$ 345 | \$ 2,909 | \$ 3,254 | 39 | \$ 11,116 | \$ 33,818 | \$ 472,777 |
| FY2063-64 | \$ - | \$ - | \$ - | 40 | \$ - | \$ 34,901 | \$ 525,738 |
| FY2064-65 | \$ 1,436 | \$ - | \$ 1,436 | 41 | \$ 5,223 | \$ 36,017 | \$ 576,615 |
| FY2065-66 | \$ - | \$ 54,239 | \$ 54,239 | 42 | \$ 203,640 | \$ 37,170 | \$ 432,172 |
| FY2066-67 | \$ 18,233 | \$ - | \$ 18,233 | 43 | \$ 70,645 | \$ 38,359 | \$ 416,394 |
| FY2067-68 | \$ - | \$ - | \$ - | 44 | \$ - | \$ 39,587 | \$ 471,888 |
| FY2068-69 | \$ - | \$ - | \$ - | 45 | \$ - | \$ 40,854 | \$ 530,767 |
| FY2069-70 | \$ - | \$ - | \$ - | 46 | \$ - | \$ 42,161 | \$ 593,204 |
| FY2070-71 | \$ - | \$ - | \$ - | 47 | \$ - | \$ 43,510 | \$ 659,374 |
| FY2071-72 | \$ 2,511 | \$ - | \$ 2,511 | 48 | \$ 11,387 | \$ 44,902 | \$ 718,078 |
| FY2072-73 | \$ 1,781 | \$ - | \$ 1,781 | 49 | \$ 8,336 | \$ 46,339 | \$ 783,512 |
| FY2073-74 | \$ - | \$ - | \$ - | 50 | \$ - | \$ 47,822 | \$ 861,264 |
| FY2074-75 | \$ - | \$ - | \$ - | 51 | \$ - | \$ 49,352 | \$ 943,517 |
| FY2075-76 | \$ - | \$ - | \$ - | 52 | \$ - | \$ 50,932 | \$ 1,030,491 |
| FY2076-77 | \$ 7,960 | \$ 2,909 | \$ 10,869 | 53 | \$ 57,705 | \$ 52,562 | \$ 1,064,712 |

| | | | | | | | |
|-----------|----------|-----------|-----------|----|------------|------------|--------------|
| FY2077-78 | \$ - | \$ - | \$ - | 54 | \$ - | \$ 54,244 | \$ 1,159,628 |
| FY2078-79 | \$ - | \$ 60,000 | \$ 60,000 | 55 | \$ 339,262 | \$ 55,979 | \$ 920,643 |
| FY2079-80 | \$ - | \$ - | \$ - | 56 | \$ - | \$ 57,771 | \$ 1,013,582 |
| FY2080-81 | \$ 2,691 | \$ 54,239 | \$ 56,930 | 57 | \$ 342,837 | \$ 59,619 | \$ 769,083 |
| FY2081-82 | \$ - | \$ - | \$ - | 58 | \$ - | \$ 61,527 | \$ 859,990 |
| FY2082-83 | \$ 345 | \$ - | \$ 345 | 59 | \$ 2,214 | \$ 63,496 | \$ 954,123 |
| FY2083-84 | \$ - | \$ - | \$ - | 60 | \$ - | \$ 65,528 | \$ 1,056,099 |
| FY2084-85 | \$ - | \$ - | \$ - | 61 | \$ - | \$ 67,625 | \$ 1,164,066 |
| FY2085-86 | \$ - | \$ - | \$ - | 62 | \$ - | \$ 69,789 | \$ 1,278,322 |
| FY2086-87 | \$ - | \$ - | \$ - | 63 | \$ - | \$ 72,022 | \$ 1,399,176 |
| FY2087-88 | \$ - | \$ - | \$ - | 64 | \$ - | \$ 74,327 | \$ 1,526,951 |
| FY2088-89 | \$ 1,436 | \$ - | \$ 1,436 | 65 | \$ 11,124 | \$ 76,705 | \$ 1,650,862 |
| FY2089-90 | \$ - | \$ - | \$ - | 66 | \$ - | \$ 79,160 | \$ 1,793,085 |
| FY2090-91 | \$ - | \$ 2,909 | \$ 2,909 | 67 | \$ 24,003 | \$ 81,693 | \$ 1,919,270 |
| FY2091-92 | \$ 3,033 | \$ - | \$ 3,033 | 68 | \$ 25,829 | \$ 84,307 | \$ 2,051,064 |
| FY2092-93 | \$ 345 | \$ - | \$ 345 | 69 | \$ 3,034 | \$ 87,005 | \$ 2,213,386 |
| FY2093-94 | \$ - | \$ - | \$ - | 70 | \$ - | \$ 89,789 | \$ 2,387,726 |
| FY2094-95 | \$ - | \$ - | \$ - | 71 | \$ - | \$ 92,662 | \$ 2,571,600 |
| FY2095-96 | \$ - | \$ 54,239 | \$ 54,239 | 72 | \$ 523,906 | \$ 95,627 | \$ 2,241,556 |
| FY2096-97 | \$ 7,336 | \$ - | \$ 7,336 | 73 | \$ 73,122 | \$ 98,687 | \$ 2,352,748 |
| FY2097-98 | \$ - | \$ - | \$ - | 74 | \$ - | \$ 101,845 | \$ 2,544,469 |
| FY2098-99 | \$ - | \$ - | \$ - | 75 | \$ - | \$ 105,105 | \$ 2,746,772 |
| FY2099-00 | \$ - | \$ - | \$ - | 76 | \$ - | \$ 108,468 | \$ 2,960,167 |
| FY2100-01 | \$ - | \$ - | \$ - | 77 | \$ - | \$ 111,939 | \$ 3,185,184 |
| FY2101-02 | \$ - | \$ - | \$ - | 78 | \$ - | \$ 115,521 | \$ 3,422,379 |
| FY2102-03 | \$ 345 | \$ 60,000 | \$ 60,345 | 79 | \$ 726,673 | \$ 119,218 | \$ 2,945,658 |
| FY2103-04 | \$ - | \$ - | \$ - | 80 | \$ - | \$ 123,033 | \$ 3,181,215 |
| FY2104-05 | \$ 1,436 | \$ 2,909 | \$ 4,345 | 81 | \$ 55,720 | \$ 126,970 | \$ 3,373,987 |
| FY2105-06 | \$ - | \$ - | \$ - | 82 | \$ - | \$ 131,033 | \$ 3,633,906 |
| FY2106-07 | \$ 5,293 | \$ - | \$ 5,293 | 83 | \$ 72,291 | \$ 135,226 | \$ 3,835,655 |
| FY2107-08 | \$ - | \$ - | \$ - | 84 | \$ - | \$ 139,553 | \$ 4,121,730 |
| FY2108-09 | \$ - | \$ - | \$ - | 85 | \$ - | \$ 144,019 | \$ 4,423,199 |
| FY2109-10 | \$ - | \$ - | \$ - | 86 | \$ - | \$ 148,627 | \$ 4,740,792 |

| | | | | | | | |
|---------------|-------------------|-------------------|-------------------|----|---------------------|------------|--------------|
| FY2110-11 | \$ - | \$ 54,239 | \$ 54,239 | 87 | \$ 840,329 | \$ 153,383 | \$ 4,234,945 |
| FY2111-12 | \$ - | \$ - | \$ - | 88 | \$ - | \$ 158,291 | \$ 4,555,011 |
| FY2112-13 | \$ 3,036 | \$ - | \$ 3,036 | 89 | \$ 50,098 | \$ 163,357 | \$ 4,842,271 |
| FY2113-14 | \$ - | \$ - | \$ - | 90 | \$ - | \$ 168,584 | \$ 5,195,830 |
| FY2114-15 | \$ - | \$ - | \$ - | 91 | \$ - | \$ 173,979 | \$ 5,568,290 |
| FY2115-16 | \$ - | \$ - | \$ - | 92 | \$ - | \$ 179,546 | \$ 5,960,545 |
| FY2116-17 | \$ 20,900 | \$ - | \$ 20,900 | 93 | \$ 391,171 | \$ 185,292 | \$ 5,982,358 |
| FY2117-18 | \$ - | \$ - | \$ - | 94 | \$ - | \$ 191,221 | \$ 6,402,105 |
| FY2118-19 | \$ - | \$ 2,909 | \$ 2,909 | 95 | \$ 57,983 | \$ 197,340 | \$ 6,786,022 |
| FY2119-20 | \$ - | \$ - | \$ - | 96 | \$ - | \$ 203,655 | \$ 7,248,904 |
| FY2120-21 | \$ 1,436 | \$ - | \$ 1,436 | 97 | \$ 30,479 | \$ 210,172 | \$ 7,705,504 |
| FY2121-22 | \$ - | \$ - | \$ - | 98 | \$ - | \$ 216,897 | \$ 8,216,752 |
| FY2122-23 | \$ 345 | \$ - | \$ 345 | 99 | \$ 7,805 | \$ 223,838 | \$ 8,746,666 |
| Totals | \$ 105,276 | \$ 585,799 | \$ 691,075 | | \$ 4,449,537 | | |

Roads - Financial Analysis Summary Table

inflation factor
3.20%

interest rate
3.82%
\$ 12,247

| Fiscal Year | Facilities | Equipment | Annual Capital Expense | | Adj. Annual Capital Expense | 100% Funded inflated annual reserve contribution | Fully Funded Balance |
|-------------|------------|-----------|------------------------|----|-----------------------------|--|----------------------|
| FY2023-24 | \$ - | \$ - | \$ - | 0 | \$ - | \$ 12,247 | \$ - |
| FY2024-25 | \$ 3,330 | \$ 2,773 | \$ 6,104 | 1 | \$ 6,299 | \$ 12,639 | \$ 6,340 |
| FY2025-26 | \$ 2,281 | \$ - | \$ 2,281 | 2 | \$ 2,430 | \$ 13,043 | \$ 17,196 |
| FY2026-27 | \$ - | \$ 7,128 | \$ 7,128 | 3 | \$ 7,834 | \$ 13,461 | \$ 23,479 |
| FY2027-28 | \$ - | \$ - | \$ - | 4 | \$ - | \$ 13,891 | \$ 38,267 |
| FY2028-29 | \$ - | \$ - | \$ - | 5 | \$ - | \$ 14,336 | \$ 54,064 |
| FY2029-30 | \$ 9,434 | \$ - | \$ 9,434 | 6 | \$ 11,397 | \$ 14,795 | \$ 59,527 |
| FY2030-31 | \$ 11,643 | \$ 1,519 | \$ 13,162 | 7 | \$ 16,409 | \$ 15,268 | \$ 60,660 |
| FY2031-32 | \$ 336 | \$ 437 | \$ 773 | 8 | \$ 994 | \$ 15,757 | \$ 77,740 |
| FY2032-33 | \$ 3,583 | \$ - | \$ 3,583 | 9 | \$ 4,757 | \$ 16,261 | \$ 92,213 |
| FY2033-34 | \$ 2,216 | \$ - | \$ 2,216 | 10 | \$ 3,037 | \$ 16,781 | \$ 109,480 |
| FY2034-35 | \$ 1,452 | \$ 62,045 | \$ 63,497 | 11 | \$ 89,790 | \$ 17,318 | \$ 41,191 |
| FY2035-36 | \$ 1,435 | \$ 4,322 | \$ 5,758 | 12 | \$ 8,402 | \$ 17,872 | \$ 52,234 |
| FY2036-37 | \$ 1,949 | \$ 15,043 | \$ 16,993 | 13 | \$ 25,592 | \$ 18,444 | \$ 47,082 |
| FY2037-38 | \$ - | \$ 43,697 | \$ 43,697 | 14 | \$ 67,915 | \$ 19,034 | \$ 0 |
| FY2038-39 | \$ 2,281 | \$ 165 | \$ 2,447 | 15 | \$ 3,924 | \$ 19,644 | \$ 15,719 |
| FY2039-40 | \$ 2,477 | \$ 783 | \$ 3,260 | 16 | \$ 5,396 | \$ 20,272 | \$ 31,196 |
| FY2040-41 | \$ 6,263 | \$ - | \$ 6,263 | 17 | \$ 10,700 | \$ 20,921 | \$ 42,609 |
| FY2041-42 | \$ 2,957 | \$ - | \$ 2,957 | 18 | \$ 5,213 | \$ 21,590 | \$ 60,614 |
| FY2042-43 | \$ 252 | \$ 1,519 | \$ 1,771 | 19 | \$ 3,223 | \$ 22,281 | \$ 81,988 |
| FY2043-44 | \$ - | \$ 437 | \$ 437 | 20 | \$ 820 | \$ 22,994 | \$ 107,294 |
| FY2044-45 | \$ - | \$ - | \$ - | 21 | \$ - | \$ 23,730 | \$ 135,123 |

| | | | | | | | |
|-----------|-----------|-----------|-----------|----|------------|-----------|--------------|
| FY2045-46 | \$ 4,563 | \$ - | \$ 4,563 | 22 | \$ 9,124 | \$ 24,489 | \$ 155,651 |
| FY2046-47 | \$ 3,868 | \$ 7,073 | \$ 10,941 | 23 | \$ 22,577 | \$ 25,273 | \$ 164,292 |
| FY2047-48 | \$ - | \$ - | \$ - | 24 | \$ - | \$ 26,082 | \$ 196,650 |
| FY2048-49 | \$ 4,248 | \$ 3,105 | \$ 7,353 | 25 | \$ 16,161 | \$ 26,916 | \$ 214,918 |
| FY2049-50 | \$ 14,541 | \$ - | \$ 14,541 | 26 | \$ 32,982 | \$ 27,778 | \$ 217,923 |
| FY2050-51 | \$ 2,870 | \$ 2,894 | \$ 5,765 | 27 | \$ 13,494 | \$ 28,667 | \$ 241,421 |
| FY2051-52 | \$ - | \$ 4,760 | \$ 4,760 | 28 | \$ 11,499 | \$ 29,584 | \$ 268,729 |
| FY2052-53 | \$ 252 | \$ 3,329 | \$ 3,581 | 29 | \$ 8,928 | \$ 30,531 | \$ 300,597 |
| FY2053-54 | \$ 5,377 | \$ - | \$ 5,377 | 30 | \$ 13,834 | \$ 31,508 | \$ 329,753 |
| FY2054-55 | \$ - | \$ 2,302 | \$ 2,302 | 31 | \$ 6,112 | \$ 32,516 | \$ 368,754 |
| FY2055-56 | \$ 12,058 | \$ 437 | \$ 12,495 | 32 | \$ 34,235 | \$ 33,556 | \$ 382,162 |
| FY2056-57 | \$ 7,642 | \$ 5,565 | \$ 13,207 | 33 | \$ 37,346 | \$ 34,630 | \$ 394,045 |
| FY2057-58 | \$ - | \$ - | \$ - | 34 | \$ - | \$ 35,738 | \$ 444,835 |
| FY2058-59 | \$ - | \$ 1,673 | \$ 1,673 | 35 | \$ 5,038 | \$ 36,882 | \$ 493,672 |
| FY2059-60 | \$ 17,447 | \$ 59,257 | \$ 76,704 | 36 | \$ 238,391 | \$ 38,062 | \$ 312,201 |
| FY2060-61 | \$ 2,933 | \$ 1,990 | \$ 4,923 | 37 | \$ 15,791 | \$ 39,280 | \$ 347,617 |
| FY2061-62 | \$ 336 | \$ 2,893 | \$ 3,229 | 38 | \$ 10,689 | \$ 40,537 | \$ 390,745 |
| FY2062-63 | \$ 252 | \$ 1,115 | \$ 1,367 | 39 | \$ 4,671 | \$ 41,834 | \$ 442,835 |
| FY2063-64 | \$ 5,931 | \$ - | \$ 5,931 | 40 | \$ 20,909 | \$ 43,173 | \$ 482,015 |
| FY2064-65 | \$ 3,330 | \$ - | \$ 3,330 | 41 | \$ 12,116 | \$ 44,555 | \$ 532,866 |
| FY2065-66 | \$ - | \$ 2,894 | \$ 2,894 | 42 | \$ 10,867 | \$ 45,980 | \$ 588,335 |
| FY2066-67 | \$ 13,324 | \$ 11,679 | \$ 25,003 | 43 | \$ 96,877 | \$ 47,452 | \$ 561,384 |
| FY2067-68 | \$ - | \$ 44,133 | \$ 44,133 | 44 | \$ 176,471 | \$ 48,970 | \$ 455,328 |
| FY2068-69 | \$ - | \$ - | \$ - | 45 | \$ - | \$ 50,537 | \$ 523,259 |
| FY2069-70 | \$ 16,799 | \$ 2,211 | \$ 19,010 | 46 | \$ 80,957 | \$ 52,154 | \$ 514,444 |
| FY2070-71 | \$ 6,192 | \$ 1,673 | \$ 7,865 | 47 | \$ 34,565 | \$ 53,823 | \$ 553,355 |
| FY2071-72 | \$ 1,835 | \$ - | \$ 1,835 | 48 | \$ 8,321 | \$ 55,546 | \$ 621,717 |
| FY2072-73 | \$ 3,583 | \$ 1,990 | \$ 5,573 | 49 | \$ 26,085 | \$ 57,323 | \$ 676,705 |
| FY2073-74 | \$ 4,600 | \$ - | \$ 4,600 | 50 | \$ 22,218 | \$ 59,157 | \$ 739,495 |
| FY2074-75 | \$ - | \$ 165 | \$ 165 | 51 | \$ 825 | \$ 61,050 | \$ 827,969 |
| FY2075-76 | \$ 1,435 | \$ - | \$ 1,435 | 52 | \$ 7,384 | \$ 63,004 | \$ 915,218 |
| FY2076-77 | \$ 5,817 | \$ 6,515 | \$ 12,332 | 53 | \$ 65,473 | \$ 65,020 | \$ 949,727 |
| FY2077-78 | \$ - | \$ - | \$ - | 54 | \$ - | \$ 67,101 | \$ 1,053,107 |

| | | | | | | | |
|-----------|-----------|-----------|-----------|----|--------------|------------|--------------|
| FY2078-79 | \$ - | \$ 1,519 | \$ 1,519 | 55 | \$ 8,589 | \$ 69,248 | \$ 1,153,995 |
| FY2079-80 | \$ - | \$ 437 | \$ 437 | 56 | \$ 2,548 | \$ 71,464 | \$ 1,266,994 |
| FY2080-81 | \$ 16,543 | \$ 2,894 | \$ 19,437 | 57 | \$ 117,052 | \$ 73,751 | \$ 1,272,092 |
| FY2081-82 | \$ - | \$ 4,760 | \$ 4,760 | 58 | \$ 29,582 | \$ 76,111 | \$ 1,367,215 |
| FY2082-83 | \$ 252 | \$ 3,574 | \$ 3,826 | 59 | \$ 24,538 | \$ 78,546 | \$ 1,473,451 |
| FY2083-84 | \$ - | \$ - | \$ - | 60 | \$ - | \$ 81,060 | \$ 1,610,796 |
| FY2084-85 | \$ 3,518 | \$ 62,030 | \$ 65,548 | 61 | \$ 447,738 | \$ 83,654 | \$ 1,308,244 |
| FY2085-86 | \$ 5,946 | \$ - | \$ 5,946 | 62 | \$ 41,911 | \$ 86,331 | \$ 1,402,639 |
| FY2086-87 | \$ - | \$ 9,721 | \$ 9,721 | 63 | \$ 70,720 | \$ 89,093 | \$ 1,474,593 |
| FY2087-88 | \$ - | \$ - | \$ - | 64 | \$ - | \$ 91,944 | \$ 1,622,867 |
| FY2088-89 | \$ 7,306 | \$ - | \$ 7,306 | 65 | \$ 56,608 | \$ 94,887 | \$ 1,723,139 |
| FY2089-90 | \$ 14,541 | \$ - | \$ 14,541 | 66 | \$ 116,269 | \$ 97,923 | \$ 1,770,617 |
| FY2090-91 | \$ 2,870 | \$ 2,634 | \$ 5,505 | 67 | \$ 45,421 | \$ 101,056 | \$ 1,893,890 |
| FY2091-92 | \$ 2,217 | \$ 437 | \$ 2,653 | 68 | \$ 22,593 | \$ 104,290 | \$ 2,047,934 |
| FY2092-93 | \$ 252 | \$ 165 | \$ 418 | 69 | \$ 3,671 | \$ 107,628 | \$ 2,230,121 |
| FY2093-94 | \$ 5,377 | \$ - | \$ 5,377 | 70 | \$ 48,768 | \$ 111,072 | \$ 2,377,615 |
| FY2094-95 | \$ - | \$ 1,673 | \$ 1,673 | 71 | \$ 15,657 | \$ 114,626 | \$ 2,567,409 |
| FY2095-96 | \$ 4,563 | \$ 2,894 | \$ 7,457 | 72 | \$ 72,028 | \$ 118,294 | \$ 2,711,750 |
| FY2096-97 | \$ 7,642 | \$ 12,150 | \$ 19,792 | 73 | \$ 197,292 | \$ 122,079 | \$ 2,740,126 |
| FY2097-98 | \$ - | \$ 43,697 | \$ 43,697 | 74 | \$ 449,518 | \$ 125,986 | \$ 2,521,267 |
| FY2098-99 | \$ - | \$ - | \$ - | 75 | \$ - | \$ 130,017 | \$ 2,747,597 |
| FY2099-00 | \$ 2,477 | \$ 783 | \$ 3,260 | 76 | \$ 35,714 | \$ 134,178 | \$ 2,951,019 |
| FY2100-01 | \$ 3,585 | \$ - | \$ 3,585 | 77 | \$ 40,532 | \$ 138,472 | \$ 3,161,687 |
| FY2101-02 | \$ - | \$ - | \$ - | 78 | \$ - | \$ 142,903 | \$ 3,425,366 |
| FY2102-03 | \$ 252 | \$ 1,519 | \$ 1,771 | 79 | \$ 21,330 | \$ 147,476 | \$ 3,682,361 |
| FY2103-04 | \$ - | \$ 1,865 | \$ 1,865 | 80 | \$ 23,173 | \$ 152,195 | \$ 3,952,050 |
| FY2104-05 | \$ 3,330 | \$ 1,115 | \$ 4,446 | 81 | \$ 57,013 | \$ 157,065 | \$ 4,203,070 |
| FY2105-06 | \$ 2,384 | \$ - | \$ 2,384 | 82 | \$ 31,547 | \$ 162,091 | \$ 4,494,171 |
| FY2106-07 | \$ 3,868 | \$ 7,073 | \$ 10,941 | 83 | \$ 149,436 | \$ 167,278 | \$ 4,683,691 |
| FY2107-08 | \$ - | \$ - | \$ - | 84 | \$ - | \$ 172,631 | \$ 5,035,239 |
| FY2108-09 | \$ - | \$ 1,990 | \$ 1,990 | 85 | \$ 28,952 | \$ 178,155 | \$ 5,376,789 |
| FY2109-10 | \$ 20,364 | \$ 59,257 | \$ 79,621 | 86 | \$ 1,195,311 | \$ 183,856 | \$ 4,570,727 |
| FY2110-11 | \$ - | \$ 3,060 | \$ 3,060 | 87 | \$ 47,406 | \$ 189,740 | \$ 4,887,663 |

| | | | | | | | |
|---------------|-------------------|-------------------|-------------------|----|---------------------|------------|--------------|
| FY2111-12 | \$ - | \$ 7,653 | \$ 7,653 | 88 | \$ 122,365 | \$ 195,811 | \$ 5,147,818 |
| FY2112-13 | \$ 4,500 | \$ 1,901 | \$ 6,401 | 89 | \$ 105,615 | \$ 202,077 | \$ 5,440,927 |
| FY2113-14 | \$ 8,147 | \$ - | \$ 8,147 | 90 | \$ 138,734 | \$ 208,544 | \$ 5,718,579 |
| FY2114-15 | \$ 6,518 | \$ 2,302 | \$ 8,820 | 91 | \$ 154,993 | \$ 215,217 | \$ 5,997,253 |
| FY2115-16 | \$ 3,716 | \$ 437 | \$ 4,153 | 92 | \$ 75,318 | \$ 222,104 | \$ 6,373,135 |
| FY2116-17 | \$ 15,273 | \$ 5,400 | \$ 20,673 | 93 | \$ 386,922 | \$ 229,211 | \$ 6,458,878 |
| FY2117-18 | \$ - | \$ - | \$ - | 94 | \$ - | \$ 236,546 | \$ 6,942,153 |
| FY2118-19 | \$ - | \$ 2,788 | \$ 2,788 | 95 | \$ 55,572 | \$ 244,116 | \$ 7,395,887 |
| FY2119-20 | \$ - | \$ - | \$ - | 96 | \$ - | \$ 251,927 | \$ 7,930,337 |
| FY2120-21 | \$ 3,982 | \$ 3,418 | \$ 7,400 | 97 | \$ 157,105 | \$ 259,989 | \$ 8,336,159 |
| FY2121-22 | \$ - | \$ - | \$ - | 98 | \$ - | \$ 268,309 | \$ 8,922,909 |
| FY2122-23 | \$ 252 | \$ - | \$ 252 | 99 | \$ 5,704 | \$ 276,894 | \$ 9,534,955 |
| Totals | \$ 340,800 | \$ 556,671 | \$ 897,470 | | \$ 5,921,311 | | |

Trails - Financial Analysis Summary Table

inflation factor
3.20%

interest rate
3.82%
\$ 9,448

| Fiscal Year | Facilities | Equipment | Annual Capital Expense | | Adj. Annual Capital Expense | 100% Funded | Fully Funded Balance |
|-------------|------------|-----------|------------------------|----|-----------------------------|--------------------------------------|----------------------|
| | | | | | | inflated annual reserve contribution | |
| FY2023-24 | \$ - | \$ - | \$ - | 0 | \$ - | \$ 9,448 | \$ - |
| FY2024-25 | \$ 3,642 | \$ 2,414 | \$ 6,056 | 1 | \$ 6,250 | \$ 9,751 | \$ 3,501 |
| FY2025-26 | \$ 1,986 | \$ - | \$ 1,986 | 2 | \$ 2,115 | \$ 10,063 | \$ 11,583 |
| FY2026-27 | \$ - | \$ 6,204 | \$ 6,204 | 3 | \$ 6,819 | \$ 10,385 | \$ 15,591 |
| FY2027-28 | \$ - | \$ - | \$ - | 4 | \$ - | \$ 10,717 | \$ 26,904 |
| FY2028-29 | \$ - | \$ 2,880 | \$ 2,880 | 5 | \$ 3,371 | \$ 11,060 | \$ 35,620 |
| FY2029-30 | \$ 8,211 | \$ - | \$ 8,211 | 6 | \$ 9,919 | \$ 11,414 | \$ 38,475 |
| FY2030-31 | \$ 10,134 | \$ 1,322 | \$ 11,456 | 7 | \$ 14,282 | \$ 11,779 | \$ 37,441 |
| FY2031-32 | \$ 531 | \$ 382 | \$ 913 | 8 | \$ 1,174 | \$ 12,156 | \$ 49,854 |
| FY2032-33 | \$ 4,040 | \$ - | \$ 4,040 | 9 | \$ 5,365 | \$ 12,545 | \$ 58,938 |
| FY2033-34 | \$ 1,929 | \$ - | \$ 1,929 | 10 | \$ 2,643 | \$ 12,946 | \$ 71,493 |
| FY2034-35 | \$ 1,263 | \$ 8,734 | \$ 9,997 | 11 | \$ 14,137 | \$ 13,361 | \$ 73,448 |
| FY2035-36 | \$ 1,249 | \$ 2,519 | \$ 3,768 | 12 | \$ 5,499 | \$ 13,788 | \$ 84,543 |
| FY2036-37 | \$ 3,078 | \$ 13,101 | \$ 16,179 | 13 | \$ 24,366 | \$ 14,229 | \$ 77,636 |
| FY2037-38 | \$ - | \$ 1,871 | \$ 1,871 | 14 | \$ 2,909 | \$ 14,685 | \$ 92,378 |
| FY2038-39 | \$ 1,986 | \$ 39,134 | \$ 41,120 | 15 | \$ 65,955 | \$ 15,155 | \$ 45,107 |
| FY2039-40 | \$ 2,156 | \$ 682 | \$ 2,837 | 16 | \$ 4,696 | \$ 15,640 | \$ 57,773 |
| FY2040-41 | \$ 6,195 | \$ - | \$ 6,195 | 17 | \$ 10,583 | \$ 16,140 | \$ 65,538 |
| FY2041-42 | \$ 2,980 | \$ - | \$ 2,980 | 18 | \$ 5,253 | \$ 16,657 | \$ 79,445 |
| FY2042-43 | \$ 398 | \$ 1,322 | \$ 1,720 | 19 | \$ 3,130 | \$ 17,190 | \$ 96,539 |
| FY2043-44 | \$ - | \$ 382 | \$ 382 | 20 | \$ 717 | \$ 17,740 | \$ 117,249 |
| FY2044-45 | \$ - | \$ - | \$ - | 21 | \$ - | \$ 18,307 | \$ 140,036 |

| | | | | | | | |
|-----------|-----------|-----------|-----------|----|------------|-----------|------------|
| FY2045-46 | \$ 3,971 | \$ - | \$ 3,971 | 22 | \$ 7,941 | \$ 18,893 | \$ 156,337 |
| FY2046-47 | \$ 6,107 | \$ 6,156 | \$ 12,263 | 23 | \$ 25,306 | \$ 19,498 | \$ 156,501 |
| FY2047-48 | \$ - | \$ - | \$ - | 24 | \$ - | \$ 20,122 | \$ 182,601 |
| FY2048-49 | \$ 5,091 | \$ 2,944 | \$ 8,035 | 25 | \$ 17,659 | \$ 20,766 | \$ 192,683 |
| FY2049-50 | \$ 12,656 | \$ - | \$ 12,656 | 26 | \$ 28,706 | \$ 21,430 | \$ 192,767 |
| FY2050-51 | \$ 2,498 | \$ 26,940 | \$ 29,438 | 27 | \$ 68,907 | \$ 22,116 | \$ 153,340 |
| FY2051-52 | \$ - | \$ 4,143 | \$ 4,143 | 28 | \$ 10,008 | \$ 22,824 | \$ 172,013 |
| FY2052-53 | \$ 398 | \$ 1,654 | \$ 2,053 | 29 | \$ 5,117 | \$ 23,554 | \$ 197,020 |
| FY2053-54 | \$ 4,680 | \$ 32,242 | \$ 36,923 | 30 | \$ 94,991 | \$ 24,308 | \$ 133,863 |
| FY2054-55 | \$ - | \$ 2,004 | \$ 2,004 | 31 | \$ 5,320 | \$ 25,086 | \$ 158,743 |
| FY2055-56 | \$ 10,495 | \$ 382 | \$ 10,877 | 32 | \$ 29,803 | \$ 25,888 | \$ 160,892 |
| FY2056-57 | \$ 10,450 | \$ 43,834 | \$ 54,284 | 33 | \$ 153,497 | \$ 26,717 | \$ 40,258 |
| FY2057-58 | \$ - | \$ - | \$ - | 34 | \$ - | \$ 27,572 | \$ 69,368 |
| FY2058-59 | \$ - | \$ 4,336 | \$ 4,336 | 35 | \$ 13,058 | \$ 28,454 | \$ 87,413 |
| FY2059-60 | \$ 15,186 | \$ 6,066 | \$ 21,251 | 36 | \$ 66,047 | \$ 29,364 | \$ 54,070 |
| FY2060-61 | \$ 2,553 | \$ 1,732 | \$ 4,285 | 37 | \$ 13,744 | \$ 30,304 | \$ 72,696 |
| FY2061-62 | \$ 531 | \$ 2,526 | \$ 3,056 | 38 | \$ 10,116 | \$ 31,274 | \$ 96,630 |
| FY2062-63 | \$ 398 | \$ 1,212 | \$ 1,610 | 39 | \$ 5,501 | \$ 32,275 | \$ 127,095 |
| FY2063-64 | \$ 5,162 | \$ - | \$ 5,162 | 40 | \$ 18,198 | \$ 33,307 | \$ 147,059 |
| FY2064-65 | \$ 3,642 | \$ - | \$ 3,642 | 41 | \$ 13,250 | \$ 34,373 | \$ 173,800 |
| FY2065-66 | \$ - | \$ 2,519 | \$ 2,519 | 42 | \$ 9,458 | \$ 35,473 | \$ 206,454 |
| FY2066-67 | \$ 21,038 | \$ 10,165 | \$ 31,203 | 43 | \$ 120,900 | \$ 36,608 | \$ 130,049 |
| FY2067-68 | \$ - | \$ 2,253 | \$ 2,253 | 44 | \$ 9,010 | \$ 37,780 | \$ 163,787 |
| FY2068-69 | \$ - | \$ - | \$ - | 45 | \$ - | \$ 38,989 | \$ 209,032 |
| FY2069-70 | \$ 14,622 | \$ 682 | \$ 15,303 | 46 | \$ 65,170 | \$ 40,236 | \$ 192,084 |
| FY2070-71 | \$ 5,389 | \$ 1,456 | \$ 6,845 | 47 | \$ 30,084 | \$ 41,524 | \$ 210,861 |
| FY2071-72 | \$ 2,897 | \$ - | \$ 2,897 | 48 | \$ 13,138 | \$ 42,853 | \$ 248,630 |
| FY2072-73 | \$ 4,040 | \$ 1,732 | \$ 5,773 | 49 | \$ 27,020 | \$ 44,224 | \$ 275,332 |
| FY2073-74 | \$ 4,003 | \$ - | \$ 4,003 | 50 | \$ 19,338 | \$ 45,639 | \$ 312,151 |
| FY2074-75 | \$ - | \$ 39,134 | \$ 39,134 | 51 | \$ 195,083 | \$ 47,100 | \$ 176,092 |
| FY2075-76 | \$ 1,249 | \$ - | \$ 1,249 | 52 | \$ 6,426 | \$ 48,607 | \$ 224,999 |
| FY2076-77 | \$ 9,185 | \$ 5,912 | \$ 15,097 | 53 | \$ 80,151 | \$ 50,162 | \$ 203,605 |
| FY2077-78 | \$ - | \$ - | \$ - | 54 | \$ - | \$ 51,767 | \$ 263,150 |

| | | | | | | | |
|-----------|-----------|-----------|-----------|----|--------------|------------|--------------|
| FY2078-79 | \$ - | \$ 1,322 | \$ 1,322 | 55 | \$ 7,476 | \$ 53,424 | \$ 319,151 |
| FY2079-80 | \$ - | \$ 382 | \$ 382 | 56 | \$ 2,229 | \$ 55,134 | \$ 384,247 |
| FY2080-81 | \$ 15,792 | \$ 26,940 | \$ 42,732 | 57 | \$ 257,332 | \$ 56,898 | \$ 198,490 |
| FY2081-82 | \$ - | \$ 4,143 | \$ 4,143 | 58 | \$ 25,748 | \$ 58,719 | \$ 239,044 |
| FY2082-83 | \$ 398 | \$ 3,110 | \$ 3,509 | 59 | \$ 22,504 | \$ 60,598 | \$ 286,269 |
| FY2083-84 | \$ - | \$ 32,242 | \$ 32,242 | 60 | \$ 213,407 | \$ 62,537 | \$ 146,334 |
| FY2084-85 | \$ 3,062 | \$ 8,479 | \$ 11,541 | 61 | \$ 78,835 | \$ 64,538 | \$ 137,626 |
| FY2085-86 | \$ 5,175 | \$ - | \$ 5,175 | 62 | \$ 36,478 | \$ 66,603 | \$ 173,008 |
| FY2086-87 | \$ - | \$ 7,226 | \$ 7,226 | 63 | \$ 52,566 | \$ 68,734 | \$ 195,785 |
| FY2087-88 | \$ - | \$ - | \$ - | 64 | \$ - | \$ 70,934 | \$ 274,198 |
| FY2088-89 | \$ 7,103 | \$ 2,880 | \$ 9,983 | 65 | \$ 77,343 | \$ 73,204 | \$ 280,533 |
| FY2089-90 | \$ 12,656 | \$ - | \$ 12,656 | 66 | \$ 101,197 | \$ 75,546 | \$ 265,599 |
| FY2090-91 | \$ 2,498 | \$ 2,534 | \$ 5,033 | 67 | \$ 41,526 | \$ 77,964 | \$ 312,182 |
| FY2091-92 | \$ 3,500 | \$ 382 | \$ 3,882 | 68 | \$ 33,056 | \$ 80,459 | \$ 371,510 |
| FY2092-93 | \$ 398 | \$ 39,134 | \$ 39,532 | 69 | \$ 347,418 | \$ 83,033 | \$ 121,316 |
| FY2093-94 | \$ 4,680 | \$ - | \$ 4,680 | 70 | \$ 42,446 | \$ 85,690 | \$ 169,195 |
| FY2094-95 | \$ - | \$ 1,456 | \$ 1,456 | 71 | \$ 13,628 | \$ 88,432 | \$ 250,463 |
| FY2095-96 | \$ 3,971 | \$ 2,519 | \$ 6,490 | 72 | \$ 62,691 | \$ 91,262 | \$ 288,602 |
| FY2096-97 | \$ 10,450 | \$ 10,575 | \$ 21,025 | 73 | \$ 209,580 | \$ 94,183 | \$ 184,229 |
| FY2097-98 | \$ - | \$ 1,871 | \$ 1,871 | 74 | \$ 19,251 | \$ 97,196 | \$ 269,212 |
| FY2098-99 | \$ - | \$ - | \$ - | 75 | \$ - | \$ 100,307 | \$ 379,802 |
| FY2099-00 | \$ 2,156 | \$ 682 | \$ 2,837 | 76 | \$ 31,085 | \$ 103,517 | \$ 466,742 |
| FY2100-01 | \$ 3,120 | \$ - | \$ 3,120 | 77 | \$ 35,278 | \$ 106,829 | \$ 556,123 |
| FY2101-02 | \$ - | \$ - | \$ - | 78 | \$ - | \$ 110,248 | \$ 687,614 |
| FY2102-03 | \$ 398 | \$ 1,322 | \$ 1,720 | 79 | \$ 20,717 | \$ 113,776 | \$ 806,940 |
| FY2103-04 | \$ - | \$ 382 | \$ 382 | 80 | \$ 4,747 | \$ 117,416 | \$ 950,434 |
| FY2104-05 | \$ 3,642 | \$ 1,212 | \$ 4,854 | 81 | \$ 62,254 | \$ 121,174 | \$ 1,045,660 |
| FY2105-06 | \$ 2,075 | \$ - | \$ 2,075 | 82 | \$ 27,458 | \$ 125,051 | \$ 1,183,197 |
| FY2106-07 | \$ 6,107 | \$ 6,156 | \$ 12,263 | 83 | \$ 167,497 | \$ 129,053 | \$ 1,189,951 |
| FY2107-08 | \$ - | \$ - | \$ - | 84 | \$ - | \$ 133,183 | \$ 1,368,589 |
| FY2108-09 | \$ - | \$ 1,732 | \$ 1,732 | 85 | \$ 25,199 | \$ 137,444 | \$ 1,533,115 |
| FY2109-10 | \$ 17,724 | \$ 6,066 | \$ 23,790 | 86 | \$ 357,143 | \$ 141,843 | \$ 1,376,380 |
| FY2110-11 | \$ - | \$ 66,074 | \$ 66,074 | 87 | \$ 1,023,681 | \$ 146,382 | \$ 551,658 |

| | | | | | | | |
|---------------|-------------------|-------------------|-------------------|----|---------------------|------------|--------------|
| FY2111-12 | \$ - | \$ 6,669 | \$ 6,669 | 88 | \$ 106,625 | \$ 151,066 | \$ 617,172 |
| FY2112-13 | \$ 5,489 | \$ 1,654 | \$ 7,143 | 89 | \$ 117,866 | \$ 155,900 | \$ 678,782 |
| FY2113-14 | \$ 7,091 | \$ 32,242 | \$ 39,334 | 90 | \$ 669,785 | \$ 160,889 | \$ 195,815 |
| FY2114-15 | \$ 5,673 | \$ 2,004 | \$ 7,677 | 91 | \$ 134,901 | \$ 166,037 | \$ 234,431 |
| FY2115-16 | \$ 3,235 | \$ 382 | \$ 3,617 | 92 | \$ 65,591 | \$ 171,350 | \$ 349,145 |
| FY2116-17 | \$ 24,116 | \$ 4,700 | \$ 28,816 | 93 | \$ 539,316 | \$ 176,834 | \$ (0) |
| FY2117-18 | \$ - | \$ - | \$ - | 94 | \$ - | \$ 182,492 | \$ 182,492 |
| FY2118-19 | \$ - | \$ 5,548 | \$ 5,548 | 95 | \$ 110,589 | \$ 188,332 | \$ 267,206 |
| FY2119-20 | \$ - | \$ - | \$ - | 96 | \$ - | \$ 194,359 | \$ 471,772 |
| FY2120-21 | \$ 4,209 | \$ 1,732 | \$ 5,942 | 97 | \$ 126,135 | \$ 200,578 | \$ 564,236 |
| FY2121-22 | \$ - | \$ - | \$ - | 98 | \$ - | \$ 206,997 | \$ 792,787 |
| FY2122-23 | \$ 398 | \$ - | \$ 398 | 99 | \$ 9,006 | \$ 213,620 | \$ 1,027,686 |
| Totals | \$ 351,135 | \$ 564,726 | \$ 915,861 | | \$ 6,631,718 | | |

Appendix B

Model Assumptions

1. Inflation Assumption – 30-Year Average Construction Cost Index
2. Interest Rate Assumption – 30-Year Average 10 Year US Treasury Bond Return
3. Asset Valuation Summary Table (Current Year Replacement Costs)
4. Utilities and Administration Fund Allocations for Shared Facilities
5. Infrastructure Asset Life and Unit Replacement Cost Tables
6. Capital Reserve Account Balance Summary Table

Inflation Assumption

30-Year Average Engineering-News-Record Construction Cost Index

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | AVG. | Annual Increase |
|------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|----------|----------|----------|-----------------|
| 2023 | 13175.03 | 13175.93 | 13176.3 | 13229.57 | 13288.27 | 13345 | 13424.98 | 13472.56 | 13485.67 | 13497.97 | 13510.57 | 13514.76 | 13358.05 | 2.70% |
| 2022 | 12555.55 | 12683.97 | 12791.43 | 12898.96 | 13004.47 | 13110.5 | 13167.84 | 13171.07 | 13173.43 | 13174.92 | 13174.98 | 13175 | 13006.84 | 7.20% |
| 2021 | 11627 | 11698 | 11749 | 11849 | 11989 | 12112 | 12237 | 12463 | 12464 | 12464 | 12467 | 12481 | 12133 | 5.82% |
| 2020 | 11392 | 11396 | 11397 | 11412 | 11418 | 11436 | 11439 | 11455 | 11499 | 11539 | 11579 | 11626 | 11465.67 | 1.64% |
| 2019 | 11206 | 11213 | 11228 | 11228 | 11230 | 11268 | 11293 | 11311 | 11311 | 11326 | 11381 | 11381 | 11281 | 1.98% |
| 2018 | 10878 | 10889 | 10959 | 10971 | 11013 | 11069 | 1116 | 11124 | 11170 | 11183 | 11184 | 11186 | 11062 | 3.03% |
| 2017 | 10542 | 10559 | 10667 | 10678 | 10692 | 10703 | 10789 | 10826 | 10823 | 10817 | 10870 | 10873 | 10737 | 3.86% |
| 2016 | 10132 | 10181 | 10242 | 10279 | 10315 | 10337 | 10379 | 10385 | 10403 | 10434 | 10442 | 10530 | 10338 | 3.02% |
| 2015 | 9972 | 9962 | 9972 | 9992 | 9975 | 10039 | 10037 | 10039 | 10065 | 10128 | 10092 | 10152 | 10035 | 2.34% |
| 2014 | 9664 | 9681 | 9702 | 9750 | 9796 | 9800 | 9835 | 9846 | 9870 | 9886 | 9912 | 9936 | 9806 | 2.71% |
| 2013 | 9437 | 9453 | 9456 | 9484 | 9516 | 9542 | 9552 | 9545 | 9552 | 9689 | 9666 | 9668 | 9547 | 2.57% |
| 2012 | 9176 | 9198 | 9268 | 9273 | 9290 | 9291 | 9324 | 9351 | 9341 | 9376 | 9398 | 9412 | 9308 | 2.62% |
| 2011 | 8938 | 8998 | 9011 | 9027 | 9035 | 9053 | 9080 | 9088 | 9116 | 9147 | 9173 | 9172 | 9070 | 3.08% |
| 2010 | 8660 | 8672 | 8671 | 8677 | 8761 | 8805 | 8844 | 8837 | 8836 | 8921 | 8951 | 8952 | 8799 | 2.67% |
| 2009 | 8549 | 8533 | 8534 | 8528 | 8574 | 8578 | 8566 | 8564 | 8586 | 8596 | 8592 | 8641 | 8570 | 3.13% |
| 2008 | 8090 | 8094 | 8109 | 8112 | 8141 | 8185 | 8293 | 8362 | 8557 | 8623 | 8602 | 8551 | 8310 | 4.32% |
| 2007 | 7880 | 7880 | 7856 | 7865 | 7942 | 7939 | 7959 | 8007 | 8050 | 8045 | 8092 | 8089 | 7966 | 2.77% |
| 2006 | 7660 | 7689 | 7692 | 7695 | 7691 | 7700 | 7721 | 7722 | 7763 | 7883 | 7911 | 7888 | 7751 | 4.10% |
| 2005 | 7297 | 7298 | 7309 | 7355 | 7398 | 7415 | 7422 | 7479 | 7540 | 7563 | 7630 | 7647 | 7446 | 4.65% |
| 2004 | 6825 | 6862 | 6957 | 7017 | 7065 | 7109 | 7126 | 7188 | 7298 | 7314 | 7312 | 7308 | 7115 | 6.29% |
| 2003 | 6581 | 6640 | 6627 | 6635 | 6642 | 6694 | 6695 | 6733 | 6741 | 6771 | 6794 | 6782 | 6694 | 2.39% |
| 2002 | 6462 | 6462 | 6502 | 6480 | 6512 | 6532 | 6605 | 6592 | 6589 | 6579 | 6578 | 6563 | 6538 | 3.07% |
| 2001 | 6281 | 6272 | 6279 | 6286 | 6288 | 6318 | 6404 | 6389 | 6391 | 6397 | 6410 | 6390 | 6343 | 1.96% |
| 2000 | 6130 | 6160 | 6202 | 6201 | 6233 | 6238 | 6225 | 6233 | 6224 | 6259 | 6266 | 6283 | 6221 | 2.67% |
| 1999 | 6000 | 5992 | 5986 | 6008 | 6006 | 6039 | 6076 | 6091 | 6128 | 6134 | 6127 | 6127 | 6059 | 2.35% |
| 1998 | 5852 | 5874 | 5875 | 5883 | 5881 | 5895 | 5921 | 5929 | 5963 | 5986 | 5995 | 5991 | 5920 | 1.61% |
| 1997 | 5765 | 5769 | 5759 | 5799 | 5837 | 5860 | 5863 | 5854 | 5851 | 5848 | 5838 | 5858 | 5826 | 3.67% |
| 1996 | 5523 | 5532 | 5537 | 5550 | 5572 | 5597 | 5617 | 5652 | 5683 | 5719 | 5740 | 5744 | 5620 | 2.72% |
| 1995 | 5443 | 5444 | 5435 | 5432 | 5433 | 5432 | 5484 | 5506 | 5491 | 5511 | 5519 | 5524 | 5471 | 1.16% |
| 1994 | 5336 | 5371 | 5381 | 5405 | 5405 | 5408 | 5409 | 5424 | 5437 | 5437 | 5439 | 5439 | 5408 | 3.80% |
| 1993 | 5071 | 5070 | 5106 | 5167 | 5262 | 5260 | 5252 | 5230 | 5255 | 5264 | 5278 | 5310 | 5210 | |

3.20% Average

Interest Rate Assumption

30-Year Average of 10 Year US Treasury Bond Return

| Date | Value |
|----------------|--------------|
| 1-Jan-23 | 3.88% |
| 1-Jan-22 | 1.52% |
| 1-Jan-21 | 0.93% |
| 1-Jan-20 | 1.88% |
| 1-Jan-19 | 2.66% |
| 1-Jan-18 | 2.58% |
| 1-Jan-17 | 2.43% |
| 1-Jan-16 | 2.09% |
| 1-Jan-15 | 1.88% |
| 1-Jan-14 | 2.86% |
| 1-Jan-13 | 1.91% |
| 1-Jan-12 | 1.97% |
| 1-Jan-11 | 3.39% |
| 1-Jan-10 | 3.73% |
| 1-Jan-09 | 2.52% |
| 1-Jan-08 | 3.74% |
| 1-Jan-07 | 4.76% |
| 1-Jan-06 | 4.42% |
| 1-Jan-05 | 4.22% |
| 1-Jan-04 | 4.15% |
| 1-Jan-03 | 4.05% |
| 1-Jan-02 | 5.04% |
| 1-Jan-01 | 5.16% |
| 1-Jan-00 | 6.66% |
| 1-Jan-99 | 4.72% |
| 1-Jan-98 | 5.54% |
| 1-Jan-97 | 6.58% |
| 1-Jan-96 | 5.65% |
| 1-Jan-95 | 7.78% |
| 1-Jan-94 | 5.75% |
| Average | 3.82% |

Total Assets Valuation Summary

Assumes Current Year Replacement Costs

| Asset Type | 2023 Replacement Value | 2018 Replacement Value | % Change |
|------------------------------------|------------------------|------------------------|--------------|
| Sewer Infrastructure | \$59,900,571 | \$40,846,607 | 46.6% |
| Sewer Facilities | \$3,651,175 | \$3,025,000 | 20.7% |
| Northstar Water Infrastructure | \$64,675,014 | \$41,079,102 | 57.4% |
| Northstar Water Facilities | \$11,183,459 | \$9,265,500 | 20.7% |
| Martis Valley Water Infrastructure | \$98,688,388 | \$60,898,255 | 62.1% |
| Martis Valley Water Facilities | \$10,687,985 | \$8,695,000 | 22.9% |
| Solid Waste Facilities | \$407,363 | \$337,500 | 20.7% |
| Shared Facilities | \$10,596,253 | \$10,239,000 | 3.5% |
| Shared Equipment | \$5,453,106 | \$3,759,242 | 45.1% |
| Fire Facilities | \$10,042,240 | \$8,320,000 | 20.7% |
| Fire and Fuels Equipment | \$4,185,870 | \$4,707,697 | -11.1% |
| Total | \$279,471,424 | \$191,172,903 | 46.2% |

Allocations Provided by DFA Rosenthal for Use with Shared Facilities and Equipment

Utilities Allocation

| Northstar Water | Sewer | Solid Waste | Snow | Roads | Trails | Fuels | Martis Valley Water | Fire |
|-----------------|--------|-------------|--------|-------|--------|-------|---------------------|-------|
| 31.10% | 14.80% | 4.30% | 18.40% | 5.40% | 4.70% | 0.00% | 21.30% | 0.00% |

Admin Allocation

| Northstar Water | Sewer | Solid Waste | Snow | Roads | Trails | Fuels | Martis Valley Water | Fire |
|-----------------|--------|-------------|-------|-------|--------|-------|---------------------|--------|
| 20.70% | 24.30% | 7.20% | 3.20% | 2.30% | 2.50% | 6.00% | 18.10% | 15.70% |

Infrastructure Asset Assumptions

Water Mains

| Diameter (inches) | Material | Location | Asset Life (years) | Replacement Cost per L-ft |
|-------------------|----------|----------|--------------------|---------------------------|
| 2 | GLV | ON ROAD | 60 | \$125.42 |
| 2 | PVC | ON ROAD | 75 | \$125.42 |
| 4 | ACP | ON ROAD | 75 | \$177.08 |
| 4 | PVC | OFF ROAD | 75 | \$93.75 |
| 4 | PVC | ON ROAD | 75 | \$177.08 |
| 6 | ACP | OFF ROAD | 75 | \$187.50 |
| 6 | ACP | ON ROAD | 75 | \$203.75 |
| 6 | DI | OFF ROAD | 100 | \$168.75 |
| 6 | DI | ON ROAD | 100 | \$203.75 |
| 6 | PVC | OFF ROAD | 75 | \$187.50 |
| 6 | PVC | ON ROAD | 75 | \$203.75 |
| 8 | ACP | OFF ROAD | 75 | \$187.50 |
| 8 | ACP | ON ROAD | 75 | \$224.17 |
| 8 | CIP | OFF ROAD | 75 | \$187.50 |
| 8 | DI | OFF ROAD | 100 | \$187.50 |
| 8 | DI | ON ROAD | 100 | \$224.17 |
| 8 | PVC | OFF ROAD | 75 | \$187.50 |
| 8 | PVC | ON ROAD | 75 | \$224.17 |
| 10 | ACP | OFF ROAD | 75 | \$197.50 |
| 10 | ACP | ON ROAD | 75 | \$235.83 |
| 10 | CIP | OFF ROAD | 75 | \$197.50 |
| 10 | DI | OFF ROAD | 100 | \$197.50 |
| 10 | DI | ON ROAD | 100 | \$235.83 |
| 10 | PVC | OFF ROAD | 75 | \$197.50 |
| 10 | PVC | ON ROAD | 75 | \$235.83 |
| 12 | ACP | OFF ROAD | 75 | \$212.50 |
| 12 | ACP | ON ROAD | 75 | \$252.50 |
| 12 | CIP | OFF ROAD | 75 | \$212.50 |

| | | | | |
|----|-----|----------|-----|----------|
| 12 | DI | OFF ROAD | 100 | \$212.50 |
| 12 | DI | ON ROAD | 100 | \$252.50 |
| 12 | PVC | OFF ROAD | 75 | \$212.50 |
| 12 | PVC | ON ROAD | 75 | \$252.50 |
| 14 | DI | OFF ROAD | 100 | \$375.00 |
| 14 | DI | ON ROAD | 100 | \$416.67 |
| 16 | CIP | OFF ROAD | 75 | \$425.00 |
| 16 | DI | OFF ROAD | 100 | \$425.00 |
| 16 | DI | ON ROAD | 100 | \$468.33 |

Note - All Martis Valley Water System Mains are considered on road.

Fire Hydrants

| | |
|--------------------|-------------------------|
| Asset Life (years) | Replacement Cost (each) |
| 75 | \$10,625 |

Hydrant Laterals

| Diameter (inches) | Material | Asset Life (years) | Replacement Cost (each) |
|-------------------|----------|--------------------|-------------------------|
| 6 | ACP | 75 | \$203.75 |
| 6 | DI | 100 | \$203.75 |
| 6 | PVC | 75 | \$203.75 |
| | | | |

Water Valves

| Diameter (inches) | Asset Life (years) | Replacement Cost (each) |
|-------------------|--------------------|-------------------------|
| 2 | 60 | \$4,375.00 |
| 4 | 60 | \$7,500.00 |
| 6 | 60 | \$11,742.50 |
| 8 | 60 | \$13,375.00 |
| 10 | 60 | \$16,250.00 |
| 12 | 60 | \$18,750.00 |
| 14 | 60 | \$22,500.00 |

| | | |
|----|----|-------------|
| 16 | 60 | \$25,000.00 |
|----|----|-------------|

Northstar Water System Pressure Reducing Stations

| | |
|--------------------|-------------------------|
| Asset Life (years) | Replacement Cost (each) |
| 75 | \$180,000 |

Air/Vacuum Relief Valves

| | |
|--------------------|-------------------------|
| Asset Life (years) | Replacement Cost (each) |
| 75 | \$5,625 |

Water Laterals

| Diameter (inches) | Material | Asset Life (years) | Replacement Cost per L-ft |
|-------------------|--------------|--------------------|---------------------------|
| 1 | Copper | 60 | \$115.42 |
| 1 | Ductile Iron | 75 | \$115.42 |
| 1 | Galvanized | 60 | \$115.42 |
| 1 | PE | 75 | \$115.42 |
| 1 | PVC | 75 | \$115.42 |
| 2 | ACP | 75 | \$115.42 |
| 2 | Copper | 60 | \$115.42 |
| 2 | Galvanized | 60 | \$115.42 |
| 2 | PE | 75 | \$115.42 |
| 2 | PVC | 75 | \$115.42 |
| 4 | ACP | 75 | \$115.42 |
| 4 | PE | 75 | \$115.42 |
| 4 | PVC | 75 | \$115.42 |
| 6 | PE | 75 | \$115.42 |
| 6 | PVC | 75 | \$115.42 |
| 8 | PVC | 75 | \$115.42 |

Spring Collector Lines

| Diameter (inches) | Material | Asset Life (years) | Replacement Cost per L-ft |
|-------------------|----------|--------------------|---------------------------|
| 6 | CMP | 75 | \$112.50 |
| 8 | CMP | 75 | \$115.63 |
| 10 | CMP | 75 | \$131.25 |
| 12 | CMP | 75 | \$143.75 |

Martis Valley Water System Control Valves

| Diameter (inches) | Valve Type | Asset Life (years) | Replacement Cost (each) |
|-------------------|-------------------|--------------------|-------------------------|
| 1 | Air/Vacuum Relief | 75 | \$5,625 |
| 1 | Blow Off Valve | 75 | \$3,500 |
| 12 | Blow Off Valve | 75 | \$3,500 |
| 2 | Blow Off Valve | 75 | \$3,500 |
| 4 | Blow Off Valve | 75 | \$3,500 |
| 6 | Blow Off Valve | 75 | \$3,500 |
| 8 | Blow Off Valve | 75 | \$3,500 |
| 12 | Control Valve | 75 | \$11,250 |

Meter Boxes

| Asset Life (years) | Replacement Cost (each) |
|--------------------|-------------------------|
| 80 | \$3,574.55 |

Meters

| Diameter (inches) | Single or Compound | Asset Life (years) | Replacement Cost (each) |
|-------------------|--------------------|--------------------|-------------------------|
| 0.75 | Single | 30 | \$546.25 |
| 1 | Single | 30 | \$546.25 |
| 1.5 | Single | 30 | \$877.50 |
| 2 | Single | 30 | \$1,168.75 |
| 2 | Compound | 30 | \$3,257.50 |
| 3 | Single | 30 | \$1,690.00 |
| 3 | Compound | 30 | \$4,005.00 |

| | | | |
|---|----------|----|------------|
| 4 | Single | 30 | \$2,440.00 |
| 4 | Compound | 30 | \$6,167.50 |
| 6 | Single | 30 | \$3,940.00 |
| 6 | Compound | 30 | \$8,668.75 |

Sewer Mains

| Diameter (inches) | Material | Main Type | Asset Life (years) | Replacement Cost per L-ft |
|-------------------|----------|---------------------|--------------------|---------------------------|
| 3 | PVC | Off RoadForceMain | 75 | \$106.25 |
| 4 | PVC | Off RoadForceMain | 75 | \$112.50 |
| 4 | PVC | On RoadForceMain | 75 | \$130.83 |
| 6 | CIP | Off RoadForceMain | 75 | \$225.00 |
| 6 | ACP | Off RoadGravityMain | 75 | \$200.00 |
| 6 | CIP | Off RoadGravityMain | 75 | \$225.00 |
| 6 | PVC | Off RoadGravityMain | 75 | \$200.00 |
| 6 | ACP | On RoadGravityMain | 75 | \$220.00 |
| 6 | CIP | On RoadGravityMain | 75 | \$245.00 |
| 6 | PVC | On RoadGravityMain | 75 | \$220.00 |
| 8 | ACP | Off RoadGravityMain | 75 | \$225.00 |
| 8 | CIP | Off RoadGravityMain | 75 | \$250.00 |
| 8 | PVC | Off RoadGravityMain | 75 | \$225.00 |
| 8 | CIP | Off RoadSiphon | 75 | \$250.00 |
| 8 | ACP | On RoadGravityMain | 75 | \$246.67 |
| 8 | PVC | On RoadGravityMain | 75 | \$246.67 |
| 10 | ACP | Off RoadGravityMain | 75 | \$262.50 |
| 10 | CIP | Off RoadGravityMain | 75 | \$287.50 |
| 10 | ACP | On RoadGravityMain | 75 | \$285.83 |
| 10 | CIP | On RoadGravityMain | 75 | \$310.83 |
| 12 | ACP | Off RoadGravityMain | 75 | \$312.50 |
| 12 | CIP | Off RoadGravityMain | 75 | \$337.50 |
| 12 | CIP | Off RoadSiphon | 75 | \$337.50 |
| 12 | ACP | On RoadGravityMain | 75 | \$337.50 |
| 12 | ACP | Off RoadGravityMain | 75 | \$312.50 |
| 12 | CIP | On RoadGravityMain | 75 | \$362.50 |

Sewer Manholes

| Location | Asset Life (years) | Replacement Cost (each) |
|----------|--------------------|-------------------------|
| On Road | 75 | \$16,530.00 |
| Off Road | 75 | \$16,530.00 |

Sewer Laterals

| Diameter (inches) | Asset Life (years) | Replacement Cost per L-ft |
|-------------------|--------------------|---------------------------|
| 4 | 75 | \$264.67 |
| 6 | 75 | \$220.00 |
| 8 | 75 | \$246.67 |

Assumes cost efficiency of main installation.

Assumes cost efficiency of main installation.

Sewer Cleanouts

| Type | Asset Life (years) | Replacement Cost (each) |
|-------------|--------------------|-------------------------|
| Siphon Main | 75 | \$20,000.00 |
| System | 75 | \$2,812.50 |
| Lateral | 75 | \$1,875.00 |

Reserve Account Balance Summary

| <u>Reserve Account</u> | <u>Total</u> | <u>Notes</u> |
|------------------------|----------------------|---|
| Fire | \$ 929,715 | |
| Roads | \$ 4,929,349 | Reserved for Road Rehabilitation and Replacement |
| Snow | \$ 425,023 | |
| Northstar Water | \$ 5,677,565 | |
| Sewer | \$ 6,575,338 | Includes Roads and Fire loan principle balance of \$2,772,836 |
| Martis Valley Water | \$ 5,860,546 | |
| | \$ 24,397,536 | |

Appendix C

Shared Facilities and Equipment Data Tables

1. Shared Facilities Preventative Maintenance and Replacement Schedule
2. Admin Building Physical Analysis Summary Table
3. Admin Building Preventative Maintenance Summary Table
4. Corp Yard Fuel Structure Physical Analysis Summary Table
5. Corp Yard Fuel Structure Preventative Maintenance Summary Table
6. Corp Yard Equipment Bays Physical Analysis Summary Table
7. Corp Yard Equipment Bays Preventative Maintenance Summary Table
8. Corp Yard Office Physical Analysis Summary Table
9. Corp Yard Office Preventative Maintenance Summary Table
10. Corp Yard Shop Physical Analysis Summary Table
11. Corp Yard Shop Preventative Maintenance Summary Table
12. Corp Yard Sand Barn Physical Analysis Summary Table
13. Corp Yard Sand Barn Preventative Maintenance Summary Table
14. Shared Equipment Valuation and Allocation Table
15. Shared Equipment Replacement Schedule

| | | | | | | | | | | |
|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| FY2066-67 | \$ 144,461 | \$ 208,978 | \$ 32,258 | \$ 53,998 | \$ 13,324 | \$ 21,038 | \$ 18,233 | \$ 120,618 | \$ 88,360 | \$ 701,267 |
| FY2067-68 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2068-69 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2069-70 | \$ 96,752 | \$ 46,043 | \$ 13,377 | \$ 57,242 | \$ 16,799 | \$ 14,622 | \$ - | \$ 66,264 | \$ - | \$ 311,098 |
| FY2070-71 | \$ 35,661 | \$ 16,970 | \$ 4,931 | \$ 21,098 | \$ 6,192 | \$ 5,389 | \$ - | \$ 24,424 | \$ - | \$ 114,665 |
| FY2071-72 | \$ 19,891 | \$ 28,775 | \$ 4,442 | \$ 7,435 | \$ 1,835 | \$ 2,897 | \$ 2,511 | \$ 16,608 | \$ 12,167 | \$ 96,560 |
| FY2072-73 | \$ 27,249 | \$ 26,664 | \$ 4,967 | \$ 13,047 | \$ 3,583 | \$ 4,040 | \$ 1,781 | \$ 20,780 | \$ 8,631 | \$ 110,742 |
| FY2073-74 | \$ 26,490 | \$ 12,606 | \$ 3,663 | \$ 15,673 | \$ 4,600 | \$ 4,003 | \$ - | \$ 18,143 | \$ - | \$ 85,178 |
| FY2074-75 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2075-76 | \$ 8,266 | \$ 3,934 | \$ 1,143 | \$ 4,890 | \$ 1,435 | \$ 1,249 | \$ - | \$ 5,661 | \$ - | \$ 26,578 |
| FY2076-77 | \$ 63,069 | \$ 91,235 | \$ 14,083 | \$ 23,574 | \$ 5,817 | \$ 9,185 | \$ 7,960 | \$ 52,659 | \$ 38,576 | \$ 306,158 |
| FY2077-78 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2078-79 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2079-80 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2080-81 | \$ 105,270 | \$ 70,793 | \$ 16,368 | \$ 57,637 | \$ 16,543 | \$ 15,792 | \$ 2,691 | \$ 75,298 | \$ 13,041 | \$ 373,434 |
| FY2081-82 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2082-83 | \$ 2,735 | \$ 3,957 | \$ 611 | \$ 1,022 | \$ 252 | \$ 398 | \$ 345 | \$ 2,284 | \$ 1,673 | \$ 13,277 |
| FY2083-84 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2084-85 | \$ 20,261 | \$ 9,642 | \$ 2,801 | \$ 11,987 | \$ 3,518 | \$ 3,062 | \$ - | \$ 13,877 | \$ - | \$ 65,149 |
| FY2085-86 | \$ 34,242 | \$ 16,295 | \$ 4,734 | \$ 20,259 | \$ 5,946 | \$ 5,175 | \$ - | \$ 23,452 | \$ - | \$ 110,103 |
| FY2086-87 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2087-88 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2088-89 | \$ 47,412 | \$ 33,605 | \$ 7,523 | \$ 25,572 | \$ 7,306 | \$ 7,103 | \$ 1,436 | \$ 34,179 | \$ 6,958 | \$ 171,092 |
| FY2089-90 | \$ 83,747 | \$ 39,854 | \$ 11,579 | \$ 49,548 | \$ 14,541 | \$ 12,656 | \$ - | \$ 57,357 | \$ - | \$ 269,283 |
| FY2090-91 | \$ 16,532 | \$ 7,867 | \$ 2,286 | \$ 9,781 | \$ 2,870 | \$ 2,498 | \$ - | \$ 11,322 | \$ - | \$ 53,156 |
| FY2091-92 | \$ 24,032 | \$ 34,764 | \$ 5,366 | \$ 8,983 | \$ 2,217 | \$ 3,500 | \$ 3,033 | \$ 20,065 | \$ 14,699 | \$ 116,659 |
| FY2092-93 | \$ 2,735 | \$ 3,957 | \$ 611 | \$ 1,022 | \$ 252 | \$ 398 | \$ 345 | \$ 2,284 | \$ 1,673 | \$ 13,277 |
| FY2093-94 | \$ 30,969 | \$ 14,737 | \$ 4,282 | \$ 18,322 | \$ 5,377 | \$ 4,680 | \$ - | \$ 21,210 | \$ - | \$ 99,578 |
| FY2094-95 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2095-96 | \$ 26,277 | \$ 12,505 | \$ 3,633 | \$ 15,547 | \$ 4,563 | \$ 3,971 | \$ - | \$ 17,997 | \$ - | \$ 84,492 |
| FY2096-97 | \$ 71,258 | \$ 90,329 | \$ 14,795 | \$ 29,498 | \$ 7,642 | \$ 10,450 | \$ 7,336 | \$ 57,526 | \$ 35,549 | \$ 324,381 |
| FY2097-98 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2098-99 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2099-00 | \$ 14,264 | \$ 6,788 | \$ 1,972 | \$ 8,439 | \$ 2,477 | \$ 2,156 | \$ - | \$ 9,769 | \$ - | \$ 45,866 |
| FY2100-01 | \$ 20,646 | \$ 9,825 | \$ 2,855 | \$ 12,215 | \$ 3,585 | \$ 3,120 | \$ - | \$ 14,140 | \$ - | \$ 66,385 |
| FY2101-02 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2102-03 | \$ 2,735 | \$ 3,957 | \$ 611 | \$ 1,022 | \$ 252 | \$ 398 | \$ 345 | \$ 2,284 | \$ 1,673 | \$ 13,277 |
| FY2103-04 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2104-05 | \$ 24,514 | \$ 22,708 | \$ 4,357 | \$ 12,025 | \$ 3,330 | \$ 3,642 | \$ 1,436 | \$ 18,496 | \$ 6,958 | \$ 97,465 |
| FY2105-06 | \$ 13,728 | \$ 6,533 | \$ 1,898 | \$ 8,122 | \$ 2,384 | \$ 2,075 | \$ - | \$ 9,402 | \$ - | \$ 44,140 |
| FY2106-07 | \$ 41,934 | \$ 60,662 | \$ 9,364 | \$ 15,674 | \$ 3,868 | \$ 6,107 | \$ 5,293 | \$ 35,013 | \$ 25,649 | \$ 203,563 |
| FY2107-08 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2108-09 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2109-10 | \$ 117,280 | \$ 55,812 | \$ 16,216 | \$ 69,387 | \$ 20,364 | \$ 17,724 | \$ - | \$ 80,323 | \$ - | \$ 377,105 |
| FY2110-11 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2111-12 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2112-13 | \$ 37,194 | \$ 41,052 | \$ 7,188 | \$ 16,765 | \$ 4,500 | \$ 5,489 | \$ 3,036 | \$ 29,084 | \$ 14,714 | \$ 159,022 |
| FY2113-14 | \$ 46,922 | \$ 22,330 | \$ 6,488 | \$ 27,761 | \$ 8,147 | \$ 7,091 | \$ - | \$ 32,136 | \$ - | \$ 150,875 |

| | | | | | | | | | | |
|--------------|--------------|--------------|------------|--------------|------------|------------|------------|--------------|------------|---------------------|
| FY2114-15 | \$ 37,538 | \$ 17,864 | \$ 5,190 | \$ 22,209 | \$ 6,518 | \$ 5,673 | \$ - | \$ 25,709 | \$ - | \$ 120,700 |
| FY2115-16 | \$ 21,404 | \$ 10,186 | \$ 2,959 | \$ 12,663 | \$ 3,716 | \$ 3,235 | \$ - | \$ 14,659 | \$ - | \$ 68,823 |
| FY2116-17 | \$ 165,596 | \$ 239,551 | \$ 36,978 | \$ 61,897 | \$ 15,273 | \$ 24,116 | \$ 20,900 | \$ 138,264 | \$ 101,287 | \$ 803,862 |
| FY2117-18 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2118-19 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2110-20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2120-21 | \$ 28,267 | \$ 24,494 | \$ 4,876 | \$ 14,246 | \$ 3,982 | \$ 4,209 | \$ 1,436 | \$ 21,067 | \$ 6,958 | \$ 109,535 |
| FY2121-22 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2122-23 | \$ 2,735 | \$ 3,957 | \$ 611 | \$ 1,022 | \$ 252 | \$ 398 | \$ 345 | \$ 2,284 | \$ 1,673 | \$ 13,277 |
| Total | \$ 2,353,791 | \$ 1,929,817 | \$ 396,374 | \$ 1,210,883 | \$ 340,800 | \$ 351,135 | \$ 105,276 | \$ 1,737,252 | \$ 510,184 | \$ 8,935,512 |

Note - The Admin Building Lease Payment Schedule is no longer being used as with prior CRP iterations as this annual expense is now being considered in the annual Operations budget. The maintenance and replacement schedule is now being used for this CRP. Building replacement is not being considered within the 100 year model run.

Admin Building Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 900 Northstar Drive, Truckee, CA 96161 |
| Age | 7 Years |
| Useful Life | 150 Years (i.e. not contemplated in 100-year CIP) |
| Size (square feet) | 8200 |
| Building Materials | Steel and Wood Framed, Stucco, Wood and Metal Siding, Comp. Roof, Crawl Space, Carpet, Tile, and Laminate Flooring |
| Function | Administrative Offices |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | N/A |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | None Available |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The District's new Administration Building was constructed in 2016 by Clark and Sullivan Construction. This facility is backed up with an emergency generator. |

Admin Building Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-------------|--|
| Exterior - AC Repaving | 2016 | 20 | \$40,000 | \$ 48,280 |
| Exterior - Replace Concrete Curb and Gutter, Sidewalk | 2016 | 32 | \$40,000 | \$ 48,280 |
| Exterior - Replace Stucco | 2016 | 50 | \$55,000 | \$ 66,385 |
| Exterior - Replace Irrigation System | 2016 | 40 | \$20,000 | \$ 24,140 |
| Exterior - Replace Roof | 2016 | 40 | \$83,000 | \$ 100,181 |
| Replace Entance Doors, Windows and skylights | 2016 | 50 | \$175,000 | \$ 211,225 |
| Interior - Replace Cabinetry | 2016 | 50 | \$80,000 | \$ 96,560 |
| Interior - Replace Fire Suppression System | 2016 | 75 | \$42,000 | \$ 50,694 |
| Interior - Replace Carpet | 2016 | 15 | \$14,652 | \$ 17,685 |
| Electrical - Replace Service Panels | 2016 | 75 | \$15,000 | \$ 18,105 |
| Electrical - Replace IT Hardware | 2016 | 8 | \$45,750 | \$ 55,220 |
| Electrical - Replace Car Chargers | 2022 | 10 | \$11,000 | \$ 13,277 |
| Painting | 2016 | 20 | \$45,000 | \$ 54,315 |
| Replace Generator | 2016 | 55 | \$80,000 | \$ 96,560 |
| Replace Light Fixtures | 2016 | 30 | \$154,000 | \$ 185,878 |
| Replace Power Distribution Equipment | 2016 | 50 | \$26,000 | \$ 31,382 |
| Replace Mechanical Equipment | 2016 | 50 | \$220,000 | \$ 265,540 |
| Replace Window Coverings | 2016 | 25 | \$25,000 | \$ 30,175 |
| Demo and Reconstruct Building | 2016 | 150 | \$4,100,000 | \$ 4,948,700 |

Corp Yard Fuel Enclosure Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 51 Trimont Lane |
| Age | 14 |
| Useful Life | 150 Years (i.e. not contemplated in 100-year CIP) |
| Size (square feet) | 364 |
| Building Materials | Steel Framed, Steel Roof, Concrete Slab Floor |
| Function | Houses Fuel Storage Tanks |
| Capacity (flow, volume, etc.) | 6,000 Gallons |
| # of pumps | 2 |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | This structure was constructed in 2009 to house a 6,000 gallon convault fuel storage tank. |

Corp Yard Fuel Enclosure Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|-----------------------------|---------------------|--------------------------|------------------|--|
| Replace Convault Fuel Tank | 2009 | 50 | \$82,000 | \$ 98,974 |
| Replace Roof Structure | 2009 | 150 | \$50,000 | \$ 60,350 |

Corp Yard Equipment Bays Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 51-C Trimont Lane |
| Age | 10 Years Old |
| Useful Life | 150 Years (i.e. not contemplated in 100-year CIP) |
| Size (square feet) | 5000 |
| Building Materials | Steel Framed, Steel Siding, Steel. Roof, Concrete Slab Floor |
| Function | Equipment Storage |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | N/A |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | P:\Projects\Corp Yard\2012 Equipment Roof Structure\As-Builts\As- Builts - 2012 Equipment Bays.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | This structure was constructed in 2013 to house heavy equipment at the Corporate Yard |

Corp Yard Equipment Bays Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|--|--------------|-------------------|-----------|--|
| Exterior - Replace HVAC/Mechanical Equipment | 2013 | 25 | \$35,000 | \$ 42,245 |
| Exterior - Replace Rollup Doors | 2013 | 40 | \$17,500 | \$ 21,123 |
| Interior - Replace Garage Doors | 2013 | 20 | \$34,000 | \$ 41,038 |
| Interior - Replace Insulation | 2013 | 50 | \$16,000 | \$ 19,312 |
| Interior - Replace Fire Suppression System | 2013 | 75 | \$26,000 | \$ 31,382 |
| Replace Metal Roof and Siding | 2013 | 50 | \$40,000 | \$ 48,280 |
| Electrical - Replace Service Panels | 2010 | 75 | \$15,000 | \$ 18,105 |
| Electrical - Replace Lighting | 2013 | 40 | \$31,000 | \$ 37,417 |

Corp Yard Office Building Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 49 Trimont Lane, Truckee, CA 96161 |
| Age | 14 Years Old |
| Useful Life | 150 Years (i.e. not contemplated in 100-year CIP) |
| Size (square feet) | 3712 (Not Including the Garage) |
| Building Materials | Wood Framed, Cement, Wood and Core 10 Metal Siding, Comp. Roof, Concrete Slab Floor, Carpet and Rubber Flooring, Trex and Wood Decks, Metal Stairs |
| Function | Utilities Staff Offices |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | N/A |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | ..\..\Projects\Corp Yard\2009 Interior Office Remodel\Plans\Conformed 4-16-09\A1.2.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | This modular building was originally constructed as a construction office and was located at the SW corner of North Village Drive and Northstar Drive in 2005 for use during construction of the North Village Condos Project (currently operated as the Hyatt). The District acquired and moved this building to the Corp Yard in 2008 and performed a significant remodel in 2009. The building contains three offices, two restrooms, a map room with six work stations, a locker room, a laundry room, a kitchen, a dining room, a utility room, four mechanical rooms, and a shower closet. The facility is backed up with an emergency generator. |

Corp Yard Office Building Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-------------|---|
| Exterior - AC Repaving | 2009 | 20 | \$144,745 | \$ 174,707 |
| Exterior - Replace Concrete Curb and Gutter, Flatwork | 2009 | 32 | \$36,570 | \$ 44,140 |
| Exterior - Replace Metal and Wood Siding | 2009 | 60 | \$75,000 | \$ 90,525 |
| Exterior - Replace Entrance Deck and Roof Structure | 2009 | 40 | \$25,000 | \$ 30,175 |
| Exterior - Replace North Deck and Eave | 2009 | 40 | \$25,000 | \$ 30,175 |
| Exterior - Replace Roof (Asphalt Shingles) | 2009 | 25 | \$22,272 | \$ 26,882 |
| Exterior - Replace Cedar Fence | 2009 | 30 | \$12,000 | \$ 14,484 |
| Appliances - Replace Furnace | 2009 | 30 | \$10,000 | \$ 12,070 |
| Appliances - Replace Air Conditioner | 2009 | 30 | \$16,000 | \$ 19,312 |
| Interior - Replace Windows | 2009 | 50 | \$15,000 | \$ 18,105 |
| Interior - Replace Cabinetry | 2009 | 50 | \$48,415 | \$ 58,437 |
| Interior - Replace Fire Suppression System | 2009 | 75 | \$16,704 | \$ 20,162 |
| Interior - Replace Rubber Flooring | 2009 | 40 | \$28,356 | \$ 34,226 |
| Electrical - Replace Service Panels | 2009 | 75 | \$15,000 | \$ 18,105 |
| Electrical - Replace SCADA Hardware | 2016 | 8 | \$35,000 | \$ 42,245 |
| Electrical - Replace Light Fixtures | 2010 | 40 | \$22,020 | \$ 26,578 |
| Demo and Reconstruct Building | 2009 | 150 | \$1,555,000 | \$ 1,876,885 |

Corp Yard Shop Building Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 51 Trimont Lane, Truckee, CA 96161 |
| Age | 43 Years Old |
| Useful Life | 150 Years (i.e. not contemplated in 100-year CIP) |
| Size (square feet) | 7,240 |
| Building Materials | Metal Framed, Metal Siding, Metal Roof, Concrete Slab Floor, Carpet in Upstairs Offices, Wood Framed Upstairs Offices, Wood Stairs |
| Function | Equipment Maintenance and Storage |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | N/A |
| Tanks, wells, etc. | Sand Oil Separator Vault., Natural Gas Generator. |
| Floor Plan if available | ..\Projects\Corp Yard\2010 Shop Remodel\Plans\Shop Remodel Signed and Stamped 6-4-10 - Sheet A1.2.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The shop building was originally constructed in 1980 and contained five equipment bays. The building was remodeled in the late 1990s with the addition of two larger equipment bays and conversion of two equipment bays into office space. In 2010, the shop building was remodeled once again with the addition of an equipment wash bay and conversion of office space into storage space. The building currently contains five equipment bays, one wash bay, a flammable storage room, a small parts storage room, a restroom, a kitchen, two large offices, a map storage room, a laundry room, and a mechanical room. This facility is backed up with an emergency generator. |

Corp Yard Shop Building Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-------------|--|
| Exterior - Paint CMU Walls and Steel Siding | 1980 | 15 | \$10,000 | \$ 12,070 |
| Exterior - Replace Metal Siding | 1980 | 75 | \$75,000 | \$ 90,525 |
| Exterior - Replace Metal Roof | 1980 | 50 | \$89,320 | \$ 107,809 |
| Exterior - Replace Rollup Doors | 1980 | 40 | \$17,500 | \$ 21,123 |
| Interior - Replace Windows | 1995 | 50 | \$15,000 | \$ 18,105 |
| Interior - Replace Cabinetry, Shelving | 1995 | 50 | \$21,000 | \$ 25,347 |
| Interior - Replace Fire Suppression System | 2010 | 75 | \$26,220 | \$ 31,648 |
| Electrical - Replace Light Fixtures | 2010 | 40 | \$22,020 | \$ 26,578 |
| Electrical - Replace Service Panels | 2010 | 75 | \$15,000 | \$ 18,105 |
| Electrical - Replace Generator | 2004 | 55 | \$100,000 | \$ 120,700 |
| Demo and Reconstruct Building | 1980 | 150 | \$1,515,000 | \$ 1,828,605 |

Sand Barn Building Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 54 Trimont Lane, Truckee, CA 96161 |
| Age | 28 Years Old |
| Useful Life | 150 Years (i.e. not contemplated in 100-year CIP) |
| Size (square feet) | 3,917 |
| Building Materials | Metal Framed, Metal Siding, Metal Roof, CMU Walls, Concrete Slab Floor |
| Function | Sand Storage, Equipment Storage |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | N/A |
| Tanks, wells, etc. | Con Vault Diesel Fuel Tank |
| Floor Plan if available | P:\Projects\Corp Yard\2009 Site Work\Plans\Corp Yard Civil S1.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The shop building was originally constructed in 1995 and has two bays. Equipment is stored in one bay and sand is stored in the second bay. In 2009 a fuel facility was constructed on the south side of the sand barn. Although technically these are two separate structures, the roof structure for the fuel facility ties into the roof of the sand barn. |

Sand Barn Building Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|--|--------------|-------------------|-------------|--|
| Exterior - Paint Metal Siding, CMU Block Walls, Soffiting, Fuel Roof Structure | 1995 | 15 | \$15,000 | \$ 18,105 |
| Exterior - Replace Metal Siding | 1995 | 75 | \$50,000 | \$ 60,350 |
| Exterior - Replace Shop and Fuel Storage Metal Roof | 1995 | 50 | \$23,502 | \$ 28,367 |
| Interior - Replace Cabinetry, Shelving, Stairs and Loft Area | 1995 | 50 | \$10,500 | \$ 12,674 |
| Electrical - Replace Light Fixtures | 1995 | 40 | \$22,020 | \$ 26,578 |
| Electrical - Replace Service Panels | 1995 | 75 | \$10,000 | \$ 12,070 |
| Electrical - Replace Fuel Facility Pneumercator | 2020 | 20 | \$10,000 | \$ 12,070 |
| Demo and Reconstruct Building (Includes Fuel Facility) | 1995 | 150 | \$1,007,000 | \$ 1,215,449 |

Shared Equipment Capital Replacement Plan Allocations

Allocations

| ID | Description | Year Purchased | Economic Life (Years) | Replacement Year | Original Cost | Current Year Cost Year Rate of Inflation | Resale Value at replacement year | Allocations | | | | | | | | | | Total |
|-------|------------------------------------|----------------|-----------------------|------------------|---------------|--|-------------------------------------|--------------------|--------|-------------|---------|--------|--------|-------|------------------------|--------|---------|---------|
| | | | | | | | | Northstar Water | Sewer | Solid Waste | Snow | Roads | Trails | Fuels | Martis Valley Water | Fire | | |
| | | | | | | 2023 3.0% | 30.0% | | | | | | | | | | | |
| B1 | Blanchet Blower | 1986 | 40 | 2026 | \$66,456 | \$200,000 | \$2,000 | | | | 100.0% | | | | | | | 100.00% |
| B3 | Kodiak Snow Blower | 2009 | 55 | 2064 | \$520,000 | \$786,547 | \$10,000 | | | | 100.0% | | | | | | | 100.00% |
| B4 | Trackless Blower | 2008 | 25 | 2033 | \$133,800 | \$208,456 | \$3,000 | | | | 100.0% | | | | | | | 100.00% |
| B6 | Trackless Blower (purchased used) | 2018 | 25 | 2043 | \$81,780 | \$208,456 | \$3,000 | | | | 25.00% | | | | | 75.00% | | 100.00% |
| C1 | Case 580K Backhoe | 1990 | 30 | 2020 | \$47,648 | \$127,104 | \$5,000 | 30.00% | 30.00% | 0.00% | 0.00% | 0.00% | 20.00% | 0.00% | 0.00% | 20.00% | | 100.00% |
| C3 | CAT 580N Backhoe | 2023 | 30 | 2053 | \$166,212 | \$166,212 | \$5,000 | 30.00% | 30.00% | 0.00% | 0.00% | 0.00% | 20.00% | 0.00% | 0.00% | 20.00% | | 100.00% |
| CS1 | Grafcoc Crack Seal Trailer | 2007 | 30 | 2037 | \$28,861 | \$46,313 | \$150 | 3.11% | 1.48% | 0.43% | 1.84% | 90.54% | 0.47% | 0.00% | 2.13% | | | 100.00% |
| D1 | International Dump Truck | 1987 | 35 | 2022 | \$33,998 | \$120,000 | \$1,500 | 0.00% | 0.00% | 0.00% | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | | | 100.00% |
| D2 | International Sander / Plow | 2011 | 25 | 2036 | \$165,957 | \$236,615 | \$7,000 | 7.28% | 3.46% | 1.01% | 80.91% | 1.26% | 1.10% | 0.00% | 4.98% | 0.00% | 0.00% | 100.00% |
| F1 | Flusher F800 | 1998 | 30 | 2028 | \$57,829 | \$150,000 | \$6,000 | 2.00% | 96.00% | 0.00% | 0.00% | 0.00% | 2.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100.00% |
| FKL-1 | Daewoo G30E Forklift (used) | 2009 | 15 | 2024 | \$9,277 | \$15,000 | \$500 | 31.10% | 14.80% | 4.30% | 18.40% | 5.40% | 4.70% | 0.00% | 21.30% | 0.00% | 0.00% | 100.00% |
| L1 | John Deere 624 E Loader | 1990 | 10 | 2026 | \$148,590 | \$350,000 | \$100,000 | 12.44% | 5.92% | 1.72% | 67.36% | 2.16% | 1.88% | 0.00% | 8.52% | 0.00% | 0.00% | 100.00% |
| P1 | Ford Expedition | 2012 | 12 | 2024 | \$30,238 | \$41,856 | \$5,000 | 31.10% | 14.80% | 4.30% | 18.40% | 5.40% | 4.70% | 0.00% | 21.30% | 0.00% | 0.00% | 100.00% |
| P3 | Chevrolet Tahoe | 2006 | 14 | 2020 | \$31,450 | \$51,982 | \$3,500 | 20.70% | 24.30% | 7.20% | 3.20% | 2.30% | 2.50% | 6.00% | 18.10% | 15.70% | 0.00% | 100.00% |
| P6 | Chevy 3500 Dump Body | 2005 | 15 | 2020 | \$35,008 | \$59,599 | \$6,000 | 31.10% | 14.80% | 4.30% | 18.40% | 5.40% | 4.70% | 0.00% | 21.30% | 0.00% | 0.00% | 100.00% |
| P7 | Ford F550 Dump Body w/ Sander Plow | 2006 | 15 | 2021 | \$93,726 | \$154,915 | \$8,000 | 18.66% | 8.88% | 2.58% | 51.04% | 3.24% | 2.82% | 0.00% | 12.78% | 0 | 0 | 100.00% |
| P8 | Ford F350 Super Duty Plow | 2007 | 15 | 2022 | \$30,218 | \$50,000 | \$6,000 | 24.88% | 11.84% | 3.44% | 34.72% | 4.32% | 3.76% | 0.00% | 17.04% | 0 | 0 | 100.00% |
| P9 | Chevy TV Van (used) | 2005 | 20 | 2025 | \$4,750 | \$25,000 | \$500 | 5.00% | 95.00% | | | | | | | | | 100.00% |
| P10 | Ford F150 | 2010 | 12 | 2022 | \$24,500 | \$35,979 | \$5,000 | 31.10% | 14.80% | 4.30% | 18.40% | 5.40% | 4.70% | 0.00% | 21.30% | 0.00% | 0.00% | 100.00% |
| P11 | Ford F150 (Josh) | 2017 | 12 | 2029 | \$24,315 | \$29,034 | \$5,000 | 50.00% | 0.00% | 0.00% | 0.00% | 5.40% | 4.70% | 0.00% | 50.00% | | | 100.00% |
| P12 | Ford F150 | 2018 | 12 | 2030 | \$28,579 | \$33,130 | \$5,000 | 31.10% | 14.80% | 4.30% | 18.40% | 5.40% | 4.70% | 0.00% | 21.30% | 0.00% | 0.00% | 100.00% |
| S1 | Schwarz Sweeper | 2009 | 20 | 2029 | \$196,062 | \$296,561 | \$3,500 | | | | 100.00% | | | | 0.00% | | | 100.00% |
| SS2 | Sander Unit | 2006 | 30 | 2036 | \$9,000 | \$14,876 | \$150 | | | | 100.00% | | | | | | | 100.00% |
| T1 | Toro Trail Machine | 2002 | 18 | 2020 | \$22,318 | \$41,518 | \$150 | 0.60% | 1.80% | 0.50% | 2.10% | 0.40% | 94.60% | | | | 100.00% | |
| TVI-1 | Aires TV Camera | 2008 | 15 | 2023 | \$83,600 | \$130,246 | \$0 | 10.90% | 89.10% | | | | | | | | | 100.00% |
| TVI-2 | Rausch push TV Camera | 2016 | 15 | 2031 | \$12,246 | \$500 | | 100.00% | | | | | | | | | | 100.00% |
| U1 | Ford F550 Utility Truck | 2001 | 17 | 2018 | \$53,862 | \$102,205 | \$8,000 | 57.60% | 21.80% | 0.20% | 1.00% | 1.50% | | 0.00% | 17.90% | | 100.00% | |
| U2 | Ford F250 Utility | 2007 | 12 | 2019 | \$36,500 | \$58,572 | \$4,000 | 65.50% | 10.40% | 0.40% | 0.90% | 0.80% | 0.70% | 0.00% | 21.30% | | 100.00% | |
| U3 | MVWS Utility Truck F350 | 2017 | 12 | 2029 | \$46,293 | \$55,276 | \$5,000 | 15.00% | 10.00% | | | | | | 75.00% | | 100.00% | |
| V2 | VacCon Vactor | 2009 | 25 | 2034 | \$325,000 | \$491,592 | \$25,000 | 29.40% | 42.00% | | | | 12.70% | 1.30% | | 14.60% | | 100.00% |
| G1 | John Deere 772 CH Grader | 1999 | 10 | 2024 | \$157,628 | \$500,000 | \$150,000 | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% |
| L2 | John Deere 624 GH Loader | 1994 | 10 | 2028 | \$158,500 | \$350,000 | \$100,000 | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% | |
| L3 | Cat 950 G Loader | 2005 | 10 | 2035 | \$195,334 | \$300,000 | \$90,000 | 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.00% | |
| B2 | Blanchet Blower | 1998 | 40 | 2038 | \$106,500 | \$222,987 | \$2,000 | | | | 100.0% | | | | | | | 100.00% |
| P2 | Ford F-150 | 1998 | 20 | 2018 | \$22,357 | \$46,811 | \$1,500 | 59.5% | 15.3% | 2.3% | 0.8% | 1.5% | 0.5% | 0.1% | 20.0% | | 100.00% | |
| P5 | Chevy 5-10 | 2003 | 18 | 2021 | \$20,343 | \$36,742 | \$0 | 15.1% | 10.2% | 27.5% | 18.8% | 7.5% | 12.5% | | 8.4% | | 100.00% | |
| SS1 | Sander Unit | 1975 | 45 | 2020 | \$15,000 | \$61,984 | \$150 | | | | 100.0% | | | | | | | 100.00% |
| P4 | Ford Explorer | 1999 | 20 | 2019 | \$27,902 | \$56,719 | \$0 | 24.3% | 22.6% | 5.5% | 5.6% | 4.6% | 5.9% | 2.5% | 14.7% | 14.3% | 0.00% | 100.00% |

Notes and revisions per Matt R. on 3-6-18 and 4-12-18:
 B3 - Kodiak - Refurbish at 30 years for \$250K, Replace every 55.
 B6 - Replace at new trackless blower cost
 C1 - Replacement cost amended to match C2.
 D1 - Replacement cost = \$120,000
 F1 - Replacement cost bumped up to \$150K, it's believed it was not fully equipped in original purchase price.
 FKL1 - Will replace with a used vehicle, but current cost bumped up to \$15K.
 All Loaders - Current Replacement Cost = \$300K
 P8 F350 Updated to \$50K Replacement.
 P9 - Will be replaced with a camper for \$25K. Gave this a 2005 purchase date to account for replacement in 2025.
 P3 - Tahoe will become Admin Vehicle in 2018 and will be replaced under the Admin Allocation in 2020.
 C1 - Revised Allocation to split water/zone 4 50/50
 C2 - Matched C1 Allocation.
 CS1 Amended to 90% roads 10% fuels
 D1 - Revised Allocation to split water/zone 4 50/50
 D2 - Moved 5% from snow to fuels.
 FKL-1 - Reallocated per Matt R.
 P6 - Moved 9% from water to trails
 P7 - Moved approx 22% from fuels to snow.
 V2 - Move 6% from water to zone 4. Moved 3% from sewer to zone 4.
 B2 Will not be replaced and has been removed from the replacement schedule.
 P2 Will not be replaced and has been removed from replacement schedule.
 P5 Will not be replaced and has been removed from replacement schedule.
 L2 Will not be replaced and has been removed from replacement schedule. Leased Loaders will be used for snow removal moving forward.
 L3 Will not be replaced and has been removed from replacement schedule. Leased Loaders will be used for snow removal moving forward.
 G1 Will not be replaced and has been removed from replacement schedule. Leased Graders will be used for snow removal moving forward.
 SS1 Will not be replaced and has been removed from replacement schedule.
 Bandit Chipper removed from Operations Equipment CRP and is included in Fire Department CRP.
 P4 Ford Explorer will not be replaced.
 Notes and revisions 10-3-2023 an 12-11-23:
 C2 - 2016 Case Backhoe traded in for new C3 - Cat Backhoe

All Shared Equipment - Replacement Schedule

| | Nortshtar Water | Sewer | Solid Waste | Snow | Roads | Trails | Fuels | Martis Valley Water | Fire | Grand Total |
|-----------|-----------------|------------|-------------|--------------|-----------|-----------|----------|---------------------|----------|--------------|
| FY2023-24 | \$ 14,197 | \$ 116,049 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 130,246 |
| FY2024-25 | \$ 15,972 | \$ 7,601 | \$ 2,208 | \$ 489,450 | \$ 2,773 | \$ 2,414 | \$ - | \$ 10,939 | \$ - | \$ 531,356 |
| FY2025-26 | \$ 1,225 | \$ 23,275 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 24,500 |
| FY2026-27 | \$ 41,052 | \$ 19,536 | \$ 5,676 | \$ 420,288 | \$ 7,128 | \$ 6,204 | \$ - | \$ 28,116 | \$ - | \$ 528,000 |
| FY2027-28 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2028-29 | \$ 2,880 | \$ 138,240 | \$ - | \$ 330,000 | \$ - | \$ 2,880 | \$ - | \$ - | \$ - | \$ 474,000 |
| FY2029-30 | \$ 19,558 | \$ 5,028 | \$ - | \$ 293,061 | \$ - | \$ - | \$ - | \$ 49,724 | \$ - | \$ 367,371 |
| FY2030-31 | \$ 8,748 | \$ 4,163 | \$ 1,210 | \$ 5,176 | \$ 1,519 | \$ 1,322 | \$ - | \$ 5,992 | \$ - | \$ 28,130 |
| FY2031-32 | \$ 35,745 | \$ 20,237 | \$ 218 | \$ 491 | \$ 437 | \$ 382 | \$ - | \$ 11,624 | \$ - | \$ 69,134 |
| FY2032-33 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2033-34 | \$ - | \$ - | \$ - | \$ 205,456 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 205,456 |
| FY2034-35 | \$ 156,848 | \$ 212,335 | \$ 4,823 | \$ 357,252 | \$ 62,045 | \$ 8,734 | \$ 2,909 | \$ 83,496 | \$ 7,612 | \$ 896,053 |
| FY2035-36 | \$ 71,507 | \$ 28,687 | \$ 2,495 | \$ 290,814 | \$ 4,322 | \$ 2,519 | \$ - | \$ 28,458 | \$ - | \$ 428,804 |
| FY2036-37 | \$ 86,693 | \$ 41,245 | \$ 11,994 | \$ 450,674 | \$ 15,043 | \$ 13,101 | \$ - | \$ 59,361 | \$ - | \$ 678,112 |
| FY2037-38 | \$ 12,383 | \$ 5,893 | \$ 1,712 | \$ 16,126 | \$ 43,697 | \$ 1,871 | \$ - | \$ 8,481 | \$ - | \$ 90,163 |
| FY2038-39 | \$ 14,445 | \$ 116,794 | \$ 207 | \$ 250,869 | \$ 165 | \$ 39,134 | \$ - | \$ - | \$ - | \$ 421,614 |
| FY2039-40 | \$ 4,510 | \$ 2,146 | \$ 624 | \$ 2,668 | \$ 783 | \$ 682 | \$ - | \$ 3,089 | \$ - | \$ 14,500 |
| FY2040-41 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2041-42 | \$ 19,558 | \$ 5,028 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 49,724 | \$ - | \$ 74,310 |
| FY2042-43 | \$ 8,748 | \$ 4,163 | \$ 1,210 | \$ 5,176 | \$ 1,519 | \$ 1,322 | \$ - | \$ 5,992 | \$ - | \$ 28,130 |
| FY2043-44 | \$ 35,745 | \$ 5,675 | \$ 218 | \$ 51,855 | \$ 437 | \$ 382 | \$ - | \$ 165,716 | \$ - | \$ 260,028 |
| FY2044-45 | \$ - | \$ - | \$ - | \$ 600,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 600,000 |
| FY2045-46 | \$ 1,225 | \$ 23,275 | \$ - | \$ 210,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 234,500 |
| FY2046-47 | \$ 40,734 | \$ 33,947 | \$ 5,632 | \$ 174,100 | \$ 7,073 | \$ 6,156 | \$ - | \$ 27,899 | \$ - | \$ 295,541 |
| FY2047-48 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2048-49 | \$ 21,498 | \$ 17,236 | \$ 5,076 | \$ 258,333 | \$ 3,105 | \$ 2,944 | \$ 2,909 | \$ 16,626 | \$ 7,612 | \$ 335,338 |
| FY2049-50 | \$ - | \$ - | \$ - | \$ 293,061 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 293,061 |
| FY2050-51 | \$ 53,300 | \$ 44,564 | \$ 2,305 | \$ 9,862 | \$ 2,894 | \$ 26,940 | \$ - | \$ 35,837 | \$ - | \$ 175,703 |
| FY2051-52 | \$ 27,414 | \$ 13,046 | \$ 3,790 | \$ 74,985 | \$ 4,760 | \$ 4,143 | \$ - | \$ 18,776 | \$ - | \$ 146,915 |
| FY2052-53 | \$ 65,785 | \$ 25,964 | \$ 1,704 | \$ 16,229 | \$ 3,329 | \$ 1,654 | \$ - | \$ 24,539 | \$ - | \$ 139,205 |
| FY2053-54 | \$ 82,119 | \$ 169,440 | \$ - | \$ - | \$ - | \$ 32,242 | \$ - | \$ 81,966 | \$ - | \$ 365,768 |
| FY2054-55 | \$ 13,258 | \$ 6,309 | \$ 1,833 | \$ 357,844 | \$ 2,302 | \$ 2,004 | \$ - | \$ 9,080 | \$ - | \$ 392,630 |
| FY2055-56 | \$ 35,745 | \$ 5,675 | \$ 218 | \$ 210,491 | \$ 437 | \$ 382 | \$ - | \$ 11,624 | \$ - | \$ 264,572 |
| FY2056-57 | \$ 31,348 | \$ 15,545 | \$ 4,507 | \$ 169,269 | \$ 5,565 | \$ 43,834 | \$ - | \$ 21,300 | \$ - | \$ 291,368 |
| FY2057-58 | \$ - | \$ - | \$ - | \$ 118,500 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 118,500 |
| FY2058-59 | \$ 12,514 | \$ 142,825 | \$ 1,332 | \$ 461,156 | \$ 1,673 | \$ 4,336 | \$ - | \$ 6,599 | \$ - | \$ 630,435 |
| FY2059-60 | \$ 137,178 | \$ 195,969 | \$ - | \$ - | \$ 59,257 | \$ 6,066 | \$ - | \$ 68,122 | \$ - | \$ 466,592 |
| FY2060-61 | \$ 11,462 | \$ 5,455 | \$ 1,585 | \$ 6,782 | \$ 1,990 | \$ 1,732 | \$ - | \$ 7,850 | \$ - | \$ 36,856 |
| FY2061-62 | \$ 16,716 | \$ 22,507 | \$ 2,319 | \$ 185,781 | \$ 2,893 | \$ 2,526 | \$ - | \$ 11,435 | \$ - | \$ 244,177 |
| FY2062-63 | \$ 10,036 | \$ 11,781 | \$ 3,491 | \$ 1,551 | \$ 1,115 | \$ 1,212 | \$ 2,909 | \$ 8,775 | \$ 7,612 | \$ 48,482 |
| FY2063-64 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2064-65 | \$ - | \$ - | \$ - | \$ 1,126,547 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,126,547 |
| FY2065-66 | \$ 37,453 | \$ 36,235 | \$ 2,305 | \$ 219,862 | \$ 2,894 | \$ 2,519 | \$ - | \$ 61,141 | \$ - | \$ 362,409 |
| FY2066-67 | \$ 67,263 | \$ 32,009 | \$ 9,300 | \$ 461,287 | \$ 11,679 | \$ 10,165 | \$ - | \$ 46,067 | \$ - | \$ 637,771 |
| FY2067-68 | \$ 48,128 | \$ 11,568 | \$ 1,930 | \$ 16,617 | \$ 44,133 | \$ 2,253 | \$ - | \$ 20,105 | \$ - | \$ 144,735 |
| FY2068-69 | \$ 14,197 | \$ 116,049 | \$ - | \$ 301,364 | \$ - | \$ - | \$ - | \$ 154,092 | \$ - | \$ 585,702 |
| FY2069-70 | \$ 59,348 | \$ 22,901 | \$ 814 | \$ 296,681 | \$ 2,211 | \$ 682 | \$ - | \$ 20,130 | \$ - | \$ 402,766 |
| FY2070-71 | \$ 9,634 | \$ 4,585 | \$ 1,332 | \$ 5,700 | \$ 1,673 | \$ 1,456 | \$ - | \$ 6,599 | \$ - | \$ 30,979 |
| FY2071-72 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2072-73 | \$ 11,462 | \$ 5,455 | \$ 1,585 | \$ 6,782 | \$ 1,990 | \$ 1,732 | \$ - | \$ 7,850 | \$ - | \$ 36,856 |
| FY2073-74 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2074-75 | \$ 248 | \$ 745 | \$ 207 | \$ 350,869 | \$ 165 | \$ 39,134 | \$ - | \$ - | \$ - | \$ 391,368 |
| FY2075-76 | \$ - | \$ - | \$ - | \$ 210,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 210,000 |

| | | | | | | | | | | |
|-----------|--------------|--------------|------------|---------------|------------|------------|-----------|--------------|-----------|---------------|
| FY2076-77 | \$ 41,136 | \$ 41,143 | \$ 7,791 | \$ 169,951 | \$ 6,515 | \$ 5,912 | \$ 2,909 | \$ 30,075 | \$ 7,612 | \$ 313,044 |
| FY2077-78 | \$ 19,558 | \$ 5,028 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 49,724 | \$ - | \$ 74,310 |
| FY2078-79 | \$ 8,748 | \$ 4,163 | \$ 1,210 | \$ 255,176 | \$ 1,519 | \$ 1,322 | \$ - | \$ 5,992 | \$ - | \$ 278,130 |
| FY2079-80 | \$ 35,745 | \$ 5,675 | \$ 218 | \$ 491 | \$ 437 | \$ 382 | \$ - | \$ 11,624 | \$ - | \$ 54,572 |
| FY2080-81 | \$ 53,300 | \$ 44,564 | \$ 2,305 | \$ 9,862 | \$ 2,894 | \$ 26,940 | \$ - | \$ 35,837 | \$ - | \$ 175,703 |
| FY2081-82 | \$ 27,414 | \$ 13,046 | \$ 3,790 | \$ 74,985 | \$ 4,760 | \$ 4,143 | \$ - | \$ 18,776 | \$ - | \$ 146,915 |
| FY2082-83 | \$ 20,582 | \$ 9,794 | \$ 2,846 | \$ 20,977 | \$ 3,574 | \$ 3,110 | \$ - | \$ 14,096 | \$ - | \$ 74,979 |
| FY2083-84 | \$ 62,560 | \$ 164,413 | \$ - | \$ 205,456 | \$ - | \$ 32,242 | \$ - | \$ 32,242 | \$ - | \$ 496,914 |
| FY2084-85 | \$ 153,150 | \$ 203,569 | \$ 2,208 | \$ 359,450 | \$ 62,030 | \$ 8,479 | \$ - | \$ 79,061 | \$ - | \$ 867,948 |
| FY2085-86 | \$ 1,225 | \$ 23,275 | \$ - | \$ 210,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 234,500 |
| FY2086-87 | \$ 102,654 | \$ 43,499 | \$ 6,810 | \$ 355,134 | \$ 9,721 | \$ 7,226 | \$ - | \$ 49,777 | \$ - | \$ 574,820 |
| FY2087-88 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2088-89 | \$ 2,880 | \$ 138,240 | \$ - | \$ 250,000 | \$ - | \$ 2,880 | \$ - | \$ - | \$ - | \$ 394,000 |
| FY2089-90 | \$ 19,558 | \$ 5,028 | \$ - | \$ 293,061 | \$ - | \$ - | \$ - | \$ 49,724 | \$ - | \$ 367,371 |
| FY2090-91 | \$ 18,784 | \$ 15,944 | \$ 4,700 | \$ 6,727 | \$ 2,634 | \$ 2,534 | \$ 2,909 | \$ 14,767 | \$ 7,612 | \$ 76,612 |
| FY2091-92 | \$ 35,745 | \$ 20,237 | \$ 218 | \$ 491 | \$ 437 | \$ 382 | \$ - | \$ 11,624 | \$ - | \$ 69,134 |
| FY2092-93 | \$ 248 | \$ 745 | \$ 207 | \$ 119,369 | \$ 165 | \$ 39,134 | \$ - | \$ - | \$ - | \$ 159,868 |
| FY2093-94 | \$ - | \$ - | \$ - | \$ 51,364 | \$ - | \$ - | \$ - | \$ 154,092 | \$ - | \$ 205,456 |
| FY2094-95 | \$ 9,634 | \$ 4,585 | \$ 1,332 | \$ 355,700 | \$ 1,673 | \$ 1,456 | \$ - | \$ 6,599 | \$ - | \$ 380,979 |
| FY2095-96 | \$ 16,669 | \$ 7,933 | \$ 2,305 | \$ 219,862 | \$ 2,894 | \$ 2,519 | \$ - | \$ 11,417 | \$ - | \$ 263,599 |
| FY2096-97 | \$ 69,977 | \$ 33,301 | \$ 9,675 | \$ 264,893 | \$ 12,150 | \$ 10,575 | \$ - | \$ 47,926 | \$ - | \$ 448,497 |
| FY2097-98 | \$ 12,383 | \$ 5,893 | \$ 1,712 | \$ 16,126 | \$ 43,697 | \$ 1,871 | \$ - | \$ 8,481 | \$ - | \$ 90,163 |
| FY2098-99 | \$ 14,197 | \$ 116,049 | \$ - | \$ 250,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 380,246 |
| FY2099-00 | \$ 4,510 | \$ 2,146 | \$ 624 | \$ 252,668 | \$ 783 | \$ 682 | \$ - | \$ 3,089 | \$ - | \$ 264,500 |
| FY2100-01 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2101-02 | \$ 19,558 | \$ 5,028 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 49,724 | \$ - | \$ 74,310 |
| FY2102-03 | \$ 8,748 | \$ 4,163 | \$ 1,210 | \$ 5,176 | \$ 1,519 | \$ 1,322 | \$ - | \$ 5,992 | \$ - | \$ 28,130 |
| FY2103-04 | \$ 90,583 | \$ 26,430 | \$ 409 | \$ 1,443 | \$ 1,865 | \$ 382 | \$ - | \$ 28,666 | \$ - | \$ 149,777 |
| FY2104-05 | \$ 10,036 | \$ 11,781 | \$ 3,491 | \$ 351,551 | \$ 1,115 | \$ 1,212 | \$ 2,909 | \$ 8,775 | \$ 7,612 | \$ 398,482 |
| FY2105-06 | \$ 1,225 | \$ 23,275 | \$ - | \$ 210,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 234,500 |
| FY2106-07 | \$ 40,734 | \$ 33,947 | \$ 5,632 | \$ 372,100 | \$ 7,073 | \$ 6,156 | \$ - | \$ 27,899 | \$ - | \$ 493,541 |
| FY2107-08 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2108-09 | \$ 11,462 | \$ 5,455 | \$ 1,585 | \$ 462,238 | \$ 1,990 | \$ 1,732 | \$ - | \$ 7,850 | \$ - | \$ 492,312 |
| FY2109-10 | \$ 137,178 | \$ 195,969 | \$ - | \$ 293,061 | \$ 59,257 | \$ 6,066 | \$ - | \$ 68,122 | \$ - | \$ 759,653 |
| FY2110-11 | \$ 53,549 | \$ 45,308 | \$ 2,512 | \$ 10,731 | \$ 3,060 | \$ 66,074 | \$ - | \$ 35,837 | \$ - | \$ 217,071 |
| FY2111-12 | \$ 44,130 | \$ 20,991 | \$ 6,110 | \$ 260,767 | \$ 7,653 | \$ 6,669 | \$ - | \$ 30,211 | \$ - | \$ 376,530 |
| FY2112-13 | \$ 10,947 | \$ 5,210 | \$ 1,514 | \$ 15,277 | \$ 1,901 | \$ 1,654 | \$ - | \$ 7,498 | \$ - | \$ 44,000 |
| FY2113-14 | \$ 82,119 | \$ 169,440 | \$ - | \$ - | \$ - | \$ 32,242 | \$ - | \$ 81,966 | \$ - | \$ 365,768 |
| FY2114-15 | \$ 13,258 | \$ 6,309 | \$ 1,833 | \$ 357,844 | \$ 2,302 | \$ 2,004 | \$ - | \$ 9,080 | \$ - | \$ 392,630 |
| FY2115-16 | \$ 35,745 | \$ 5,675 | \$ 218 | \$ 210,491 | \$ 437 | \$ 382 | \$ - | \$ 11,624 | \$ - | \$ 264,572 |
| FY2116-17 | \$ 31,100 | \$ 14,800 | \$ 4,300 | \$ 168,400 | \$ 5,400 | \$ 4,700 | \$ - | \$ 21,300 | \$ - | \$ 250,000 |
| FY2117-18 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| FY2118-19 | \$ 22,550 | \$ 154,606 | \$ 4,823 | \$ 308,616 | \$ 2,788 | \$ 5,548 | \$ 2,909 | \$ 169,466 | \$ 7,612 | \$ 678,917 |
| FY2119-20 | \$ - | \$ - | \$ - | \$ 776,547 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 776,547 |
| FY2120-21 | \$ 66,300 | \$ 26,209 | \$ 1,775 | \$ 7,734 | \$ 3,418 | \$ 1,732 | \$ - | \$ 24,892 | \$ - | \$ 132,061 |
| FY2121-22 | \$ - | \$ 14,562 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 14,562 |
| FY2122-23 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | \$ 2,767,761 | \$ 3,396,610 | \$ 167,220 | \$ 16,866,729 | \$ 556,671 | \$ 564,726 | \$ 20,362 | \$ 2,400,946 | \$ 53,282 | \$ 26,794,306 |

Appendix D

Northstar Water System Data Tables

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Northstar Water Facilities - Preventative Maintenance and Replacment Schedule

| | | |
|-----------|----|---------|
| FY2023-24 | \$ | 12,070 |
| FY2024-25 | \$ | 36,210 |
| FY2025-26 | \$ | - |
| FY2026-27 | \$ | 72,541 |
| FY2027-28 | \$ | - |
| FY2028-29 | \$ | 105,926 |
| FY2029-30 | \$ | 36,210 |
| FY2030-31 | \$ | 48,280 |
| FY2031-32 | \$ | - |
| FY2032-33 | \$ | 20,000 |
| FY2033-34 | \$ | 75,000 |
| FY2034-35 | \$ | 72,420 |
| FY2035-36 | \$ | - |
| FY2036-37 | \$ | - |
| FY2037-38 | \$ | - |
| FY2038-39 | \$ | 12,070 |
| FY2039-40 | \$ | 347,254 |
| FY2040-41 | \$ | - |
| FY2041-42 | \$ | - |
| FY2042-43 | \$ | 48,280 |
| FY2043-44 | \$ | 75,000 |
| FY2044-45 | \$ | 56,210 |
| FY2045-46 | \$ | - |
| FY2046-47 | \$ | 72,541 |
| FY2047-48 | \$ | - |
| FY2048-49 | \$ | 105,926 |
| FY2049-50 | \$ | 36,210 |
| FY2050-51 | \$ | - |
| FY2051-52 | \$ | - |
| FY2052-53 | \$ | - |
| FY2053-54 | \$ | 87,070 |
| FY2054-55 | \$ | 440,555 |
| FY2055-56 | \$ | 200,000 |

| | | |
|-----------|----|---------|
| FY2056-57 | \$ | 502,800 |
| FY2057-58 | \$ | - |
| FY2058-59 | \$ | 18,105 |
| FY2059-60 | \$ | 337,960 |
| FY2060-61 | \$ | 124,562 |
| FY2061-62 | \$ | - |
| FY2062-63 | \$ | - |
| FY2063-64 | \$ | 195,700 |
| FY2064-65 | \$ | 159,324 |
| FY2065-66 | \$ | - |
| FY2066-67 | \$ | 120,821 |
| FY2067-68 | \$ | - |
| FY2068-69 | \$ | 137,996 |
| FY2069-70 | \$ | 36,210 |
| FY2070-71 | \$ | - |
| FY2071-72 | \$ | 200,000 |
| FY2072-73 | \$ | - |
| FY2073-74 | \$ | 75,000 |
| FY2074-75 | \$ | 72,420 |
| FY2075-76 | \$ | - |
| FY2076-77 | \$ | - |
| FY2077-78 | \$ | - |
| FY2078-79 | \$ | 48,280 |
| FY2079-80 | \$ | 84,490 |
| FY2080-81 | \$ | 20,000 |
| FY2081-82 | \$ | 374,532 |
| FY2082-83 | \$ | - |
| FY2083-84 | \$ | 723,400 |
| FY2084-85 | \$ | 114,665 |
| FY2085-86 | \$ | - |
| FY2086-87 | \$ | 72,541 |
| FY2087-88 | \$ | 200,000 |
| FY2088-89 | \$ | 105,926 |
| FY2089-90 | \$ | 267,954 |

| | | |
|-----------|----|---------|
| FY2090-91 | \$ | 48,280 |
| FY2091-92 | \$ | - |
| FY2092-93 | \$ | 20,000 |
| FY2093-94 | \$ | 75,000 |
| FY2094-95 | \$ | 211,225 |
| FY2095-96 | \$ | - |
| FY2096-97 | \$ | - |
| FY2097-98 | \$ | - |
| FY2098-99 | \$ | 12,070 |
| FY2099-00 | \$ | 36,210 |
| FY2100-01 | \$ | - |
| FY2101-02 | \$ | - |
| FY2102-03 | \$ | 48,280 |
| FY2103-04 | \$ | 275,000 |
| FY2104-05 | \$ | 237,260 |
| FY2105-06 | \$ | - |
| FY2106-07 | \$ | 555,341 |
| FY2107-08 | \$ | - |
| FY2108-09 | \$ | 124,031 |
| FY2109-10 | \$ | 217,260 |
| FY2110-11 | \$ | 124,562 |
| FY2111-12 | \$ | - |
| FY2112-13 | \$ | - |
| FY2113-14 | \$ | 87,070 |
| FY2114-15 | \$ | 352,444 |
| FY2115-16 | \$ | - |
| FY2116-17 | \$ | 20,000 |
| FY2117-18 | \$ | - |
| FY2118-19 | \$ | 120,700 |
| FY2119-20 | \$ | 236,210 |
| FY2120-21 | \$ | - |
| FY2121-22 | \$ | - |
| FY2122-23 | \$ | - |

\$ 8,753,403

TH-1 Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 5959 Northshore Blvd., Truckee, CA 96161 |
| Age | 9 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 410 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Domestic Water Supply |
| Capacity (flow, volume, etc.) | Approx. 800 GPM |
| # of pumps | 1 |
| Tanks, wells, etc. | Well |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | TH-1 is the District's second domestic water serving Northstar. Located in the golf course in the Martis Valley, TH-1 supplies 800 gallons per minute while pumping into the system. Water is pumped from the well to tank E via a 14" pipeline installed in Sawmill Flat Road. Water from TH-1 is treated with chlorine in the discharge piping of the well. |

TH-1 Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|------------|--|
| Exterior - AC Repaving | 2014 | 20 | \$ 30,000 | \$ 36,210 |
| Mechanical - Replace Pump | 2014 | 40 | \$ 115,000 | \$ 138,805 |
| Mechanical - Replace Chlorination Equipment | 2014 | 25 | \$ 92,000 | \$ 111,044 |
| Electrical - Replace Pump Motor | 2023 | 10 | | \$ 75,000 |
| Electrical - Replace Primary Power | 2014 | 75 | \$ 100,000 | \$ 120,700 |
| Electrical - Replace Instrumentation and Controls | 2014 | 20 | \$ 30,000 | \$ 36,210 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 2014 | 200 | \$ 900,000 | \$ 1,086,300 |

TH-2 Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 5999 Northshore Blvd., Truckee, CA 96161 |
| Age | 17 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 280 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Domestic Water Supply |
| Capacity (flow, volume, etc.) | Approx. 800 GPM |
| # of pumps | 1 |
| Tanks, wells, etc. | Well |
| Floor Plan if available | P:\Projects\TH2\As-Builts\Schedule 1 - TH2 Water Well Addition\MarkedUp\TH2 Well Building Addition M100.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | TH-2 is the first of two domestic water supply wells serving Northstar. Located in the golf course in the Martis Valley, TH-2 supplies 800 gallons per minute while pumping into the system. Water is pumped from the well to tank E via a 14" pipeline installed in Sawmill Flat Road. Water from TH-2 is treated with chlorine in the well hole. |

TH-2 Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|--------------|--|
| Exterior - AC Repaving | 2006 | 20 | \$ 30,100 | \$ 36,331 |
| Exterior - Replace Cement Siding | 2006 | 75 | \$ 25,000 | \$ 30,175 |
| Mechanical - Replace Pump | 2006 | 50 | \$ 200,000 | \$ 241,400 |
| Mechanical - Replace Chlorination Equipment | 2018 | 12 | \$ 40,000 | \$ 48,280 |
| Mechanical - Replace Pump Casing | 2010 | 50 | \$ 103,200 | \$ 124,562 |
| Electrical - Replace Pump Motor | 2006 | 50 | \$ 200,000 | \$ 241,400 |
| Electrical - Replace Primary Power | 2006 | 75 | \$ 285,300 | \$ 344,357 |
| Electrical - Replace Instrumentation and Controls | 2006 | 20 | \$ 30,000 | \$ 36,210 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 2006 | 200 | \$ 1,512,500 | \$ 1,825,588 |

Northstar Drive Pump Station Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 914 Northstar Drive, Truckee, CA 96161 |
| Age | 15 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 786.5 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Domestic Water Pump Station |
| Capacity (flow, volume, etc.) | Approx. 500 GPM with one pump and 1,000 with two pumps. |
| # of pumps | Currently 2, two spare Pump Cans have been installed to accommodate future expansion. |
| Tanks, wells, etc. | 2 Pumps, 4 Pump Cans, Mag Meter Vault |
| Floor Plan if available | P:\Projects\Northstar Dr. Waterline\As-Builts\PDF\M100.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The Northstar Drive Pump House is one of two facilities dedicated to pumping domestic water throughout the system. The Northstar Drive Pump station allows water from reservoir E to be moved further uphill to reservoir D. This pump station is located adjacent to the Northstar Drive Fire House and currently has the capacity to pump approximately 1,000 gallons per minute to tank D. The facility has been designed to accommodate the installation of up to two additional pumps to meet future pumping needs if necessary. |

Northstar Drive Pump Station Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-------------|--|
| Exterior - Replace Cement Siding | 2009 | 75 | \$25,000 | \$ 30,175 |
| Mechanical - Replace Pumps/Motors | 2009 | 50 | \$150,000 | \$ 181,050 |
| Electrical - Replace Primary Power | 2009 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Instrumentation and Controls | 2009 | 20 | \$30,000 | \$ 36,210 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 2009 | 200 | \$1,340,000 | \$ 1,617,380 |

Tank D Pump Station Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | Adjacent to Tank D off of the Highlands Emergency Vehicle Access |
| Age | 19 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 500 |
| Building Materials | CMU, Wood Framed Trusses, Metal Roof, Concrete Slab Floor |
| Function | Domestic Water Pump Station |
| Capacity (flow, volume, etc.) | Approx. 300 GPM with one pump and 650 with two pumps. |
| # of pumps | 2 |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | P:\Projects\Unit 7A\As Builts\C15.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The Tank D Pump House is one of two facilities dedicated to pumping domestic water throughout the system. The Tank D Pump station allows water from reservoir D to be moved further uphill to reservoir F. This pump station is located adjacent to Reservoir D and currently has the capacity to pump approximately 650 gallons per minute to tank F. The facility is backed up with an emergency generator. |

Tank D Pump Station Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-------------|--|
| Exterior - Replace Wood Siding | 2004 | 60 | \$10,000 | \$ 12,070 |
| Mechanical - Replace Pumps/Motors | 2004 | 50 | \$150,000 | \$ 181,050 |
| Electrical - Replace Primary Power | 2004 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Instrumentation and Controls | 2004 | 20 | \$30,000 | \$ 36,210 |
| Electrical - Replace Generator | 2004 | 55 | \$100,000 | \$ 120,700 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 2004 | 200 | \$1,340,000 | \$ 1,617,380 |

Water Treatment Plant Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 9150 Highlands View Road |
| Age | 52 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 500 |
| Building Materials | CMU, Concrete Roof, Concrete Slab Floor |
| Function | Raw Water Supply Treatment |
| Capacity (flow, volume, etc.) | One Million Gallons Per Day (approximately 700 GPM) |
| # of pumps | 1 Potable Water Booster Pump, 2 Chlorine Injection Pumps |
| Tanks, wells, etc. | AP-6 Skid, Two Membrane Filter Banks, Neutralization Tank, Hot Water Tank, EFM Unit, Air Compressor, Baffled Effluent Wet Well, Two Sand Filter Tanks, Generator with Day Tank, Feed Tank, Reverse Filtration Tank, Res A Regulating Vault, Res A PRV Vault, Potable Water Flow Meter and Regulator Vault, Backwash Waste Return Flow Meter and Motor Operated Valve Vault, Backwash Return Wet well, EFM Drain Vault, Backwash/Filter Pond, Generator Fuel Tank and Roof Enclosure, Tank F Booster Pump, Chemical tanks. |
| Floor Plan if available | P:\Projects\Water Treatment Plant\As-Builts\PDF\M200.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The District's Water Treatment Facility is capable of treating water from Reservoir A, the Big Springs Collection System and the Sawmill Flat Springs Collection System for public consumption at a rate of one million gallons per day. The plant uses microfiltration technology, in which water passes through a series of membrane filters, to achieve treatment. The plant is designed to gravity feed to reservoirs C and D. Treated water can also be pumped to reservoir F at 200 gpm if desired. Chlorine treatment is also provided, and the effluent wet well has been baffled to ensure there is adequate chlorine contact time before water leaves the plant. The facility is hard wired into the District's fiber optic network, and a SCADA system workspace is available for use by plant operators. The facility is backed up with an emergency generator. |

Water Treatment Plant Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|--|--------------|-------------------|-------------|--|
| Exterior - AC Repaving | 2008 | 20 | \$87,760 | \$ 105,926 |
| Exterior - Paint CMU and Fuel Enclosure Roof Structure | 2008 | 15 | \$10,000 | \$ 12,070 |
| Appliances - Replace Unit Heaters | 2008 | 50 | \$15,000 | \$ 18,105 |
| Mechanical - Replace Filter Modules | 2023 | 16 | | \$ 200,000 |
| Mechanical - Replace Treatment Skid | 2008 | 75 | \$472,800 | \$ 570,670 |
| Mechanical - Replace Fire Suppression System | 2008 | 75 | \$14,400 | \$ 17,381 |
| Mechanical - Replace Chlorination Equipment | 2020 | 12 | | \$ 20,000 |
| Electrical - Replace Primary Power | 2008 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Instrumentation and Controls | 2019 | 20 | \$30,000 | \$ 36,210 |
| Electrical - Replace Generator | 2008 | 55 | \$100,000 | \$ 120,700 |
| Demo and Reconstruct Water Treatment Plant | 1971 | 200 | \$4,173,000 | \$ 5,036,811 |

Northstar and Martis Valley Water Systems Physical Analysis Summary Table

Northstar Water System

| Asset Type | Useful Life (yrs) | Average % Life Used | Average Age (yrs) | # Assets | Replacement Cost |
|-------------------------------------|-------------------|---------------------|-------------------|----------|-------------------------|
| Mains | 60, 75, 100 | 41.5% | 31 | 522 | \$ 34,872,721.46 |
| Laterals | 60, 75 | 59.0% | 39 | 1468 | \$ 3,224,869.43 |
| Hydrants | 75 | 43.1% | 32 | 224 | \$ 2,380,000.00 |
| Hydrant Laterals | 75, 100 | 39.2% | 31 | 232 | \$ 1,491,796.38 |
| Valves | 60 | 39.5% | 23 | 615 | \$ 8,164,580.00 |
| PRVs | 75 | 43.5% | 32 | 13 | \$ 2,340,000.00 |
| Spring Collection Lines | 75 | 67.2% | 50 | 112 | \$ 1,181,089.15 |
| Air Vacuum | 75 | 52.9% | 36 | 38 | \$ 213,750.00 |
| Water Tanks | 100 | 29.0% | 30 | 7 | \$ 6,768,750.00 |
| Meters | 30 | 41.8% | 12 | 945 | \$ 620,187.50 |
| Meter Box | 80 | 18.2% | 14 | 956 | \$ 3,417,269.80 |
| Northstar Water System Total | | | | | \$ 64,675,013.71 |

Martis Valley Water System

| Asset Type | Useful Life (yrs) | Average % Life Used | Average Age (yrs) | # Assets | Replacement Cost |
|---|-------------------|---------------------|-------------------|----------|-------------------------|
| Mains | 75, 100 | 19.0% | 16 | 798 | \$ 56,200,898.51 |
| Laterals | 60, 75 | 25.4% | 15 | 1,769 | \$ 6,342,522.18 |
| Hydrants | 75 | 20.5% | 15 | 457 | \$ 4,855,625.00 |
| Hydrant Laterals | 75, 100 | 15.7% | 15 | 446 | \$ 2,699,976.81 |
| Valves | 60 | 28.0% | 15 | 1185 | \$ 16,727,075.00 |
| Control Valves | 75 | 24.8% | 16 | 242 | \$ 1,189,750.00 |
| Water Tanks | 100 | 17.0% | 17 | 5 | \$ 4,115,625.00 |
| Meters | 30 | 39.4% | 11 | 1164 | \$ 650,373.75 |
| Meter Box | 80 | 19.6% | 15 | 1650 | \$ 5,898,007.50 |
| Martis Valley Water System Total | | | | | \$ 98,679,853.75 |

Northstar Water Mains - Physical Analysis

| Dia_by_Type | Location | Replacement Unit Cost (\$ / ft) | Total Length (ft) | # Assets | Replacement Cost |
|--------------|----------|------------------------------------|-------------------|------------|---------------------|
| 10ACP | OFF ROAD | \$197.50 | 264.85 | 3 | \$52,308 |
| 10ACP | ON ROAD | \$235.83 | 4,934.62 | 17 | \$1,163,731 |
| 10CIP | OFF ROAD | \$197.50 | 1,583.48 | 1 | \$312,737 |
| 10DI | OFF ROAD | \$197.50 | 1,503.33 | 6 | \$296,909 |
| 10DI | ON ROAD | \$235.83 | 47.36 | 2 | \$11,168 |
| 10PVC | OFF ROAD | \$197.50 | 1,326.65 | 2 | \$262,014 |
| 10PVC | ON ROAD | \$235.83 | 4,866.62 | 26 | \$1,147,694 |
| 12ACP | OFF ROAD | \$212.50 | 2,612.00 | 4 | \$555,051 |
| 12ACP | ON ROAD | \$252.50 | 2,750.28 | 14 | \$694,446 |
| 12CIP | OFF ROAD | \$212.50 | 608.44 | 2 | \$129,294 |
| 12DI | OFF ROAD | \$212.50 | 6,477.12 | 13 | \$1,376,389 |
| 12DI | ON ROAD | \$252.50 | 6,746.29 | 16 | \$1,703,438 |
| 12PVC | OFF ROAD | \$212.50 | 156.58 | 1 | \$33,274 |
| 12PVC | ON ROAD | \$252.50 | 15,397.51 | 62 | \$3,887,872 |
| 14DI | OFF ROAD | \$375.00 | 7,972.27 | 12 | \$2,989,600 |
| 14DI | ON ROAD | \$416.67 | 734.64 | 3 | \$306,102 |
| 16CIP | OFF ROAD | \$425.00 | 1,586.22 | 1 | \$674,143 |
| 16DI | OFF ROAD | \$425.00 | 1,200.09 | 1 | \$510,036 |
| 16DI | ON ROAD | \$468.33 | 3,735.99 | 4 | \$1,749,676 |
| 2GLV | ON ROAD | \$125.42 | 732.53 | 4 | \$91,873 |
| 2PVC | ON ROAD | \$125.42 | 565.26 | 6 | \$70,895 |
| 4ACP | ON ROAD | \$177.08 | 1,199.71 | 5 | \$212,445 |
| 4PVC | ON ROAD | \$177.08 | 417.88 | 3 | \$73,998 |
| 6ACP | OFF ROAD | \$187.50 | 1,054.98 | 5 | \$197,810 |
| 6ACP | ON ROAD | \$203.75 | 24,634.65 | 85 | \$5,019,310 |
| 6DI | OFF ROAD | \$168.75 | 1,399.40 | 2 | \$236,149 |
| 6DI | ON ROAD | \$203.75 | 1,285.40 | 5 | \$261,900 |
| 6PVC | OFF ROAD | \$187.50 | 939.58 | 4 | \$176,171 |
| 6PVC | ON ROAD | \$203.75 | 10,020.08 | 39 | \$2,041,592 |
| 8ACP | OFF ROAD | \$187.50 | 2,255.00 | 3 | \$422,813 |
| 8ACP | ON ROAD | \$224.17 | 13,520.23 | 59 | \$3,030,829 |
| 8CIP | OFF ROAD | \$187.50 | 2,256.61 | 1 | \$423,115 |
| 8DI | OFF ROAD | \$187.50 | 660.28 | 4 | \$123,803 |
| 8DI | ON ROAD | \$224.17 | 659.63 | 6 | \$147,869 |
| 8PVC | OFF ROAD | \$187.50 | 6,053.42 | 11 | \$1,135,017 |
| 8PVC | ON ROAD | \$224.17 | 14,949.61 | 90 | \$3,351,253 |
| Total | | | 147,108.59 | 522 | \$34,872,721 |

Northstar Water Laterals - Physical Analysis

| Pipe Type | Diameter | Replacement Unit | | # Assets | Replacement | |
|--------------|----------|------------------|-------------------|------------------|-------------|--------------------|
| | | Cost (\$ / ft) | Total Length (ft) | | Cost | |
| ACP | 2 | \$115.42 | 340.34 | 8 | \$39,282 | |
| ACP | 4 | \$115.42 | 211.22 | 10 | \$24,379 | |
| Copper | 1 | \$115.42 | 2,121.01 | 129 | \$244,807 | |
| Copper | 2 | \$115.42 | 157.18 | 3 | \$18,142 | |
| Ductile Iron | 1 | \$115.42 | 321.22 | 4 | \$37,075 | |
| Galvanized | 1 | \$115.42 | 6,608.81 | 403 | \$762,789 | |
| Galvanized | 2 | \$115.42 | 4,558.52 | 78 | \$526,144 | |
| PE | 1 | \$115.42 | 4,808.09 | 550 | \$554,950 | |
| PE | 2 | \$115.42 | 7,256.94 | 224 | \$837,596 | |
| PE | 4 | \$115.42 | 90.91 | 1 | \$10,493 | |
| PE | 6 | \$115.42 | 321.22 | 25 | \$37,075 | |
| PVC | 1 | \$115.42 | 4.87 | 1 | \$562 | |
| PVC | 2 | \$115.42 | 704.89 | 24 | \$81,358 | |
| PVC | 4 | \$115.42 | 219.26 | 4 | \$25,307 | |
| PVC | 6 | \$115.42 | 214.10 | 3 | \$24,711 | |
| PVC | 8 | \$115.42 | 1.72 | 1 | \$199 | |
| | | | Total | 27,940.30 | 1468 | \$3,224,869 |

Northstar Hydrants - Physical Analysis

| Type | Replacement Unit Cost | # Assets | Replacement Cost |
|---------|-----------------------|----------|------------------|
| Hydrant | \$10,625 | 224 | \$2,380,000 |

Northstar Hydrant Laterals - Physical Analysis

| Material | Diameter | Replacement Unit | | # Assets | Replacement Cost |
|--------------|----------|------------------|-------------------|------------|--------------------|
| | | Cost (\$ / ft) | Total Length (ft) | | |
| ACP | 6 | \$203.75 | 1,555.22 | 61 | \$316,876 |
| Ductile Iron | 6 | \$203.75 | 1,996.44 | 63 | \$406,775 |
| PVC | 6 | \$203.75 | 3,770.04 | 108 | \$768,146 |
| | | Total | 7,321.70 | 232 | \$1,491,796 |

Northstar Water Valves - Physical Analysis

| MAIN_DIAMETER | Cost | # Assets | Replacement Cost |
|----------------------|-------------|-----------------|-------------------------|
| 10 | \$16,250.00 | 40 | \$650,000 |
| 12 | \$18,750.00 | 91 | \$1,706,250 |
| 14 | \$22,500.00 | 8 | \$180,000 |
| 16 | \$25,000.00 | 11 | \$275,000 |
| 2 | \$4,375.00 | 40 | \$175,000 |
| 4 | \$7,500.00 | 15 | \$112,500 |
| 6 | \$11,742.50 | 256 | \$3,006,080 |
| 8 | \$13,375.00 | 154 | \$2,059,750 |
| | | Totals | \$8,164,580 |

Northstar PRVs - Physical Analysis

| Type | Replacement Unit Cost | # Assets | Replacement Cost |
|------|-----------------------|----------|------------------|
| PRV | \$180,000 | 13 | \$2,340,000 |

Northstar Spring Collectors - Physical Analysis

| Diameter | Replacement Unit | | # Assets | Replacement Cost |
|----------|------------------|-------------------|------------|--------------------|
| | Cost (\$ / ft) | Total Length (ft) | | |
| 6 | \$112.50 | 4099 | 63 | \$461,138 |
| 8 | \$115.63 | 2774 | 31 | \$320,787 |
| 10 | \$131.25 | 1636 | 8 | \$214,722 |
| 12 | \$143.75 | 1283 | 10 | \$184,443 |
| | Totals | 9792 | 112 | \$1,181,089 |

Northstar Air Vacuum Valves - Physical Analysis

| Type | Replacement Unit Cost | # Assets | Replacement Cost |
|------------------|-----------------------|----------|------------------|
| Air Vacuum Valve | \$5,625 | 38 | \$213,750 |

Northstar Meters - Physical Analysis

| MeterSize | Meter_Type | Cost | # Assets | Replacement Cost |
|-----------|------------|--------------|------------|------------------|
| 0.75 | Single | \$546.25 | 735 | \$401,494 |
| 1 | Single | \$546.25 | 123 | \$67,189 |
| 1.5 | Single | \$877.50 | 10 | \$8,775 |
| 2 | Compound | \$3,257.50 | 4 | \$13,030 |
| 2 | Single | \$1,168.75 | 59 | \$68,956 |
| 3 | Compound | \$4,005.00 | 3 | \$12,015 |
| 3 | Single | \$1,690.00 | 1 | \$1,690 |
| 4 | Compound | \$6,167.50 | 4 | \$24,670 |
| 4 | Single | \$2,440.00 | 4 | \$9,760 |
| 6 | Compound | \$8,668.75 | 1 | \$8,669 |
| 6 | Single | \$3,940.00 | 1 | \$3,940 |
| | | Total | 945 | \$620,188 |

Northstar Meter Boxes - Physical Analysis

| Type | Replacement Unit Cost | # Assets | Replacement Cost |
|-----------|-----------------------|----------|------------------|
| Meter Box | \$3,575 | 956 | \$3,417,270 |

Appendix E

Martis Valley Water System Data Tables

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Martis Valley Water System Facilities - Preventative Maintenance and Replacement Schedule

| | | |
|-----------|----|-----------|
| FY2023-24 | \$ | - |
| FY2024-25 | \$ | - |
| FY2025-26 | \$ | - |
| FY2026-27 | \$ | 210,700 |
| FY2027-28 | \$ | - |
| FY2028-29 | \$ | - |
| FY2029-30 | \$ | - |
| FY2030-31 | \$ | 96,560 |
| FY2031-32 | \$ | - |
| FY2032-33 | \$ | 36,210 |
| FY2033-34 | \$ | - |
| FY2034-35 | \$ | - |
| FY2035-36 | \$ | 48,280 |
| FY2036-37 | \$ | - |
| FY2037-38 | \$ | 36,210 |
| FY2038-39 | \$ | 48,280 |
| FY2039-40 | \$ | 36,210 |
| FY2040-41 | \$ | - |
| FY2041-42 | \$ | - |
| FY2042-43 | \$ | 735,060 |
| FY2043-44 | \$ | 36,210 |
| FY2044-45 | \$ | - |
| FY2045-46 | \$ | - |
| FY2046-47 | \$ | 1,266,825 |
| FY2047-48 | \$ | 411,587 |
| FY2048-49 | \$ | - |
| FY2049-50 | \$ | - |
| FY2050-51 | \$ | 48,280 |
| FY2051-52 | \$ | - |
| FY2052-53 | \$ | 60,350 |
| FY2053-54 | \$ | - |
| FY2054-55 | \$ | 96,560 |

| | | |
|-----------|----|---------|
| FY2055-56 | \$ | - |
| FY2056-57 | \$ | 386,240 |
| FY2057-58 | \$ | 88,111 |
| FY2058-59 | \$ | - |
| FY2059-60 | \$ | 84,490 |
| FY2060-61 | \$ | - |
| FY2061-62 | \$ | - |
| FY2062-63 | \$ | 83,280 |
| FY2063-64 | \$ | 36,210 |
| FY2064-65 | \$ | - |
| FY2065-66 | \$ | - |
| FY2066-67 | \$ | 319,330 |
| FY2067-68 | \$ | 299,336 |
| FY2068-69 | \$ | - |
| FY2069-70 | \$ | - |
| FY2070-71 | \$ | - |
| FY2071-72 | \$ | 168,980 |
| FY2072-73 | \$ | 217,260 |
| FY2073-74 | \$ | 120,700 |
| FY2074-75 | \$ | 48,280 |
| FY2075-76 | \$ | - |
| FY2076-77 | \$ | - |
| FY2077-78 | \$ | 182,257 |
| FY2078-79 | \$ | 96,560 |
| FY2079-80 | \$ | 36,210 |
| FY2080-81 | \$ | - |
| FY2081-82 | \$ | 280,190 |
| FY2082-83 | \$ | 35,000 |
| FY2083-84 | \$ | 84,490 |
| FY2084-85 | \$ | - |
| FY2085-86 | \$ | - |
| FY2086-87 | \$ | 210,700 |
| FY2087-88 | \$ | - |
| FY2088-89 | \$ | - |
| FY2089-90 | \$ | - |

| | | |
|--------------|-----------|------------------|
| FY2090-91 | \$ | 96,560 |
| FY2091-92 | \$ | - |
| FY2092-93 | \$ | 666,264 |
| FY2093-94 | \$ | - |
| FY2094-95 | \$ | - |
| FY2095-96 | \$ | 48,280 |
| FY2096-97 | \$ | 1,104,405 |
| FY2097-98 | \$ | 88,111 |
| FY2098-99 | \$ | 48,280 |
| FY2099-00 | \$ | 36,210 |
| FY2100-01 | \$ | - |
| FY2101-02 | \$ | - |
| FY2102-03 | \$ | 348,820 |
| FY2103-04 | \$ | 36,210 |
| FY2104-05 | \$ | - |
| FY2105-06 | \$ | - |
| FY2106-07 | \$ | 548,660 |
| FY2107-08 | \$ | 194,327 |
| FY2108-09 | \$ | - |
| FY2109-10 | \$ | - |
| FY2110-11 | \$ | 48,280 |
| FY2111-12 | \$ | - |
| FY2112-13 | \$ | 60,350 |
| FY2113-14 | \$ | - |
| FY2114-15 | \$ | 96,560 |
| FY2115-16 | \$ | - |
| FY2116-17 | \$ | - |
| FY2117-18 | \$ | 214,846 |
| FY2118-19 | \$ | - |
| FY2119-20 | \$ | 84,490 |
| FY2120-21 | \$ | - |
| FY2121-22 | \$ | - |
| FY2122-23 | \$ | 264,330 |
| Total | \$ | 9,929,929 |

Carson Range PRV Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 10635 Carson Range Road |
| Age | 17 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 300 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Pressure Reducing Station |
| Capacity (flow, volume, etc.) | Pressure in approx. 113PSI/Pressure Out approx. 43 PSI |
| # of pumps | N/A |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | Regulates pressure from Carson Range Tank for lower Schaffer's Mill Pressure Zone |

Carson Range PRV Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-----------|--|
| Exterior - Replace Siding | 2006 | 60 | \$10,000 | \$ 12,070 |
| Electrical - Replace Primary Power | 2006 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Instrumentation and Controls | 2006 | 50 | \$20,000 | \$ 24,140 |
| Mechanical - Replace Control Valves | 2006 | 75 | | \$ 75,000 |
| Demo and Reconstruct PRV Station | 2006 | 200 | \$250,000 | \$ 301,750 |

Muir Tank Chlorine Building Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 10935 Camp Muir Ct. |
| Age | 17 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 100 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Chlorine storage building |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | 1 |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | Houses chlorine for Muir tank injection. |

Muir Tank Chlorine Building Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-----------|--|
| Exterior - Replace Wood Siding | 2006 | 60 | \$10,000 | \$ 12,070 |
| Mechanical - Replace Chlorination Equipment | 2006 | 12 | \$20,000 | \$ 24,140 |
| Electrical - Replace Primary Power | 2006 | 75 | \$10,000 | \$ 12,070 |
| Electrical - Replace Instrumentation and Controls | 2006 | 20 | | \$ 20,000 |
| Demo and Reconstruct PRV Station | 2006 | 100 | \$125,000 | \$ 150,875 |

Newhall Pump Station Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 9880 Schaffer Mill road |
| Age | 17 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 600 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Domestic Water Pump Station |
| Capacity (flow, volume, etc.) | Approx. 3,000 GPM with two high flow pumps running. 120 gpm with two low flow pumps. |
| # of pumps | 3 low flow, two high flow |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The Newhall Pump Station provides for adequate pressures and fire flows for residences on Fallen Leaf collector roads to Fallen Leaf in Martis Camp. |

Newhall Pump Station Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-------------|--|
| Exterior - AC Paving | 2006 | 20 | \$20,000 | \$ 24,140 |
| Exterior - Replace Wood Siding | 2006 | 60 | \$10,000 | \$ 12,070 |
| Mechanical - Replace Pumps/Motors | 2006 | 50 | \$150,000 | \$ 181,050 |
| Mechanical - Replace Chlorination Equipment | 2006 | 12 | \$20,000 | \$ 24,140 |
| Electrical - Replace Primary Power | 2006 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Instrumentation and Controls | 2006 | 20 | | \$ 35,000 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 2006 | 200 | \$1,340,000 | \$ 1,617,380 |

Olana Pump Station Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 10919 Olana Drive |
| Age | 17 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 600 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Domestic Water Pump Station |
| Capacity (flow, volume, etc.) | Approx. 3,000 GPM with two high flow pumps running. 120 gpm with two low flow pumps. |
| # of pumps | 3 low flow, two high flow |
| Tanks, wells, etc. | Adjacent to Olana Tank |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The Olana Pump Station provides for adequate pressures and fire flows for residences on Olana and portions of Valhalla and Cairncroft in Martis Camp. |

Olana Pump Station Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-------------|--|
| Exterior - AC Paving | 2006 | 20 | \$20,000 | \$ 24,140 |
| Exterior - Replace Wood Siding | 2006 | 60 | \$10,000 | \$ 12,070 |
| Mechanical - Replace Pumps/Motors | 2006 | 50 | \$150,000 | \$ 181,050 |
| Mechanical - Replace Chlorination Equipment | 2006 | 12 | \$20,000 | \$ 24,140 |
| Electrical - Replace Primary Power | 2006 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Instrumentation and Controls | 2022 | 20 | | \$ 35,000 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 2006 | 200 | \$1,340,000 | \$ 1,617,380 |

Schaffer's Mill Pump Station Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 8700 Schaffer Mill road |
| Age | 17 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 600 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Domestic Water Pump Station |
| Capacity (flow, volume, etc.) | Approx. 100 GPM with two pumps running to Olana. Approx. 450 gpm with two pumps running to Muir. |
| # of pumps | 3 for Olana and 3 for Muir |
| Tanks, wells, etc. | Adjacent to Schaffer's Mill Tank |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The Schaffer's Mill Pump Station provides water for upper tanks in Martis Camp. |

Schaffer's Mill Pump Station Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-------------|--|
| Exterior - AC Paving | 2006 | 20 | \$20,000 | \$ 24,140 |
| Exterior - Replace Wood Siding | 2006 | 60 | \$10,000 | \$ 12,070 |
| Mechanical - Replace Pumps/Motors | 2022 | 50 | \$150,000 | \$ 181,050 |
| Mechanical - Replace Chlorination Equipment | 2006 | 12 | \$20,000 | \$ 24,140 |
| Electrical - Replace Primary Power | 2006 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Instrumentation and Controls | 2006 | 20 | | \$ 35,000 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 2006 | 200 | \$1,500,000 | \$ 1,810,500 |

Lahontan Well 1 Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 12700 Lodge Trail Drive |
| Age | 31 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 300 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Domestic Water Supply |
| Capacity (flow, volume, etc.) | Approx. 1200 GPM |
| # of pumps | 1 |
| Tanks, wells, etc. | Well |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | Lahontan well #1 is the first of three domestic water wells serving Zone 4. Located in the golf course maintenance yard in Lahontan, the well supplies 1,200 gallons per minute while pumping into the system. Water is pumped from the well to the Schaffer Mill Tank. |

Lahontan Well 1 Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|------------|--|
| Exterior - AC Repaving | 1992 | 20 | \$ 30,000 | \$ 36,210 |
| Exterior - Replace Wood Siding | 1992 | 60 | \$ 10,000 | \$ 12,070 |
| Mechanical - Replace Pump | 1992 | 50 | \$ 200,000 | \$ 241,400 |
| Mechanical - Replace Chlorination Equipment | 2014 | 12 | \$ 40,000 | \$ 48,280 |
| Mechanical - Replace Pump Casing | 1992 | 50 | \$ 100,000 | \$ 120,700 |
| Electrical - Replace Pump Motor | 1992 | 50 | \$ 200,000 | \$ 241,400 |
| Electrical - Replace Primary Power | 1992 | 75 | \$ 100,000 | \$ 120,700 |
| Electrical - Replace Instrumentation and Controls | 2019 | 20 | \$ 30,000 | \$ 36,210 |
| Electrical - Replace Generator | 1992 | 55 | \$ 180,000 | \$ 217,260 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 1992 | 200 | \$ 900,000 | \$ 1,086,300 |

Lahontan Well 2 Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 12700 Lodge Trail Drive |
| Age | 27 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 300 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Domestic Water Supply |
| Capacity (flow, volume, etc.) | Approx. 1200 GPM |
| # of pumps | 1 |
| Tanks, wells, etc. | Well |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | Lahontan well #2 is the second of three domestic water wells serving Zone 4. Located in the golf course maintenance yard in Lahontan, the well supplies 1,200 gallons per minute while pumping into the system. Water is pumped from the well to the Schaffer Mill Tank. |

Lahontan Well 2 Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|------------|--|
| Mechanical - Replace Pump | 1996 | 50 | \$ 200,000 | \$ 241,400 |
| Exterior - Replace Wood Siding | 1992 | 60 | \$ 10,000 | \$ 12,070 |
| Mechanical - Replace Pump Casing | 1996 | 50 | \$ 100,000 | \$ 120,700 |
| Electrical - Replace Pump Motor | 1996 | 50 | \$ 200,000 | \$ 241,400 |
| Electrical - Replace Primary Power | 1996 | 75 | \$ 100,000 | \$ 120,700 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 1996 | 200 | \$ 900,000 | \$ 1,086,300 |

Schaffer's Mill Well 3 Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 9480 Schaffer Mill Road |
| Age | 27 Years |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 600 |
| Building Materials | CMU, Cement Siding, Wood Framed Trusses, Comp. Roof, Concrete Slab Floor |
| Function | Domestic Water Supply |
| Capacity (flow, volume, etc.) | Approx. 240 GPM |
| # of pumps | 1 |
| Tanks, wells, etc. | Well |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | Schaffer's Mill Well 3 is the third of three domestic water wells serving Zone 4. Located adjacent to the Zone 4 M&O Facility in Lahontan, the well supplies 240 gallons per minute while pumping into the system. Water is pumped from the well to the Carson Range Tank. |

Schaffer's Mill Well 3 Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|------------|--|
| Exterior - AC Repaving | 2017 | 20 | \$ 30,000 | \$ 36,210 |
| Mechanical - Replace Pump | 1996 | 50 | \$ 115,000 | \$ 138,805 |
| Mechanical - Replace Chlorination Equipment | 2023 | 12 | \$ 40,000 | \$ 48,280 |
| Mechanical - Replace Pump Casing | 1996 | 50 | \$ 100,000 | \$ 120,700 |
| Electrical - Replace Pump Motor | 1996 | 50 | \$ 200,000 | \$ 241,400 |
| Electrical - Replace Primary Power | 2023 | 50 | \$ 100,000 | \$ 120,700 |
| Electrical - Replace Instrumentation and Controls | 2023 | 20 | \$ 30,000 | \$ 36,210 |
| Demo and Reconstruct Pump Station (Including Site Piping) | 1996 | 200 | \$ 900,000 | \$ 1,086,300 |

Zone 4 Maintenance and Operations Facility Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 9480 Schaffer Mill Road, Truckee, CA 96161 |
| Age | 6 |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 4058 |
| Building Materials | Steel Framed, Steel Siding, Steel. Roof, Concrete Slab Floor |
| Function | Equipment Storage and Administration Area |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | N/A |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | Completed in 2017 by Clark and Sullivan serving Zone 4 Water System. |

Zone 4 Maintenance and Operations Facility Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|-----------------------------------|---------------------|--------------------------|------------------|--|
| Replace AC | 2017 | 30 | \$100,000 | \$ 120,700 |
| Replace HVAC/Mechanical Equipment | 2017 | 30 | \$21,000 | \$ 25,347 |
| Replace Garage Doors | 2017 | 40 | \$23,000 | \$ 27,761 |
| Replace Fire Suppression System | 2017 | 75 | \$22,000 | \$ 26,554 |
| Replace Metal Roof and Siding | 2017 | 50 | \$148,000 | \$ 178,636 |
| Replace Lighting | 2017 | 40 | \$20,000 | \$ 24,140 |
| Demo and Reconstruct Building | 2017 | 200 | \$1,600,000 | \$ 1,931,200 |

Northstar and Martis Valley Water Systems

Physical Analysis Summary Table

Northstar Water System

| Asset Type | Useful Life (yrs) | Average % Life Used | Average Age (yrs) | # Assets | Replacement Cost |
|-------------------------------------|-------------------|---------------------|-------------------|----------|-------------------------|
| Mains | 60, 75, 100 | 41.5% | 31 | 522 | \$ 34,872,721.46 |
| Laterals | 60, 75 | 59.0% | 39 | 1468 | \$ 3,224,869.43 |
| Hydrants | 75 | 43.1% | 32 | 224 | \$ 2,380,000.00 |
| Hydrant Laterals | 75, 100 | 39.2% | 31 | 232 | \$ 1,491,796.38 |
| Valves | 60 | 39.5% | 23 | 615 | \$ 8,164,580.00 |
| PRVs | 75 | 43.5% | 32 | 13 | \$ 2,340,000.00 |
| Spring Collection Lines | 75 | 67.2% | 50 | 112 | \$ 1,181,089.15 |
| Air Vacuum | 75 | 52.9% | 36 | 38 | \$ 213,750.00 |
| Water Tanks | 100 | 29.0% | 30 | 7 | \$ 6,768,750.00 |
| Meters | 30 | 41.8% | 12 | 945 | \$ 620,187.50 |
| Meter Box | 80 | 18.2% | 14 | 956 | \$ 3,417,269.80 |
| Northstar Water System Total | | | | | \$ 64,675,013.71 |

Martis Valley Water System

| Asset Type | Useful Life (yrs) | Average % Life Used | Average Age (yrs) | # Assets | Replacement Cost |
|---|-------------------|---------------------|-------------------|----------|-------------------------|
| Mains | 75, 100 | 19.0% | 16 | 798 | \$ 56,200,898.51 |
| Laterals | 60, 75 | 25.4% | 15 | 1,769 | \$ 6,342,522.18 |
| Hydrants | 75 | 20.5% | 15 | 457 | \$ 4,855,625.00 |
| Hydrant Laterals | 75, 100 | 15.7% | 15 | 446 | \$ 2,699,976.81 |
| Valves | 60 | 28.0% | 15 | 1185 | \$ 16,727,075.00 |
| Control Valves | 75 | 24.8% | 16 | 242 | \$ 1,189,750.00 |
| Water Tanks | 100 | 17.0% | 17 | 5 | \$ 4,115,625.00 |
| Meters | 30 | 39.4% | 11 | 1164 | \$ 650,373.75 |
| Meter Box | 80 | 19.6% | 15 | 1650 | \$ 5,898,007.50 |
| Martis Valley Water System Total | | | | | \$ 98,679,853.75 |

Martis Valley Water System Water Mains - Physical Analysis

| Dia_by_Type | Surface | Replacement Unit | | # Assets | Replacement Cost |
|-------------|---------|------------------|-------------------|----------|------------------|
| | | Cost (\$ / ft) | Total Length (ft) | | |
| 1.5DI | OffRoad | \$118.75 | 12.35 | 1 | \$1,466 |
| 1.5DI | OnRoad | \$118.75 | 104.95 | 6 | \$12,463 |
| 12DI | OffRoad | \$212.50 | 1,226.71 | 9 | \$260,675 |
| 12DI | OnRoad | \$252.50 | 61,259.39 | 249 | \$15,467,995 |
| 12PVC | OffRoad | \$212.50 | 84.85 | 4 | \$18,030 |
| 12PVC | OnRoad | \$252.50 | 17,757.47 | 65 | \$4,483,761 |
| 16DI | OnRoad | \$468.33 | 6,449.23 | 15 | \$3,020,366 |
| 4PVC | OnRoad | \$177.08 | 24.09 | 1 | \$4,267 |
| 6DI | OffRoad | \$168.75 | 120.54 | 3 | \$20,340 |
| 6DI | OnRoad | \$203.75 | 1,173.36 | 17 | \$239,073 |
| 6PVC | OnRoad | \$203.75 | 3,563.00 | 27 | \$725,961 |
| 8DI | OffRoad | \$187.50 | 983.36 | 4 | \$184,381 |
| 8DI | OnRoad | \$224.17 | 83,858.97 | 199 | \$18,798,665 |

Martis Valley Water System Laterals - Physical Analysis

| Pipe Diameter | Material | Replacement Unit | | # Assets | Replacement Cost |
|---------------|----------|------------------|-------------------|-----------------|--------------------|
| | | Cost (\$ / ft) | Total Length (ft) | | |
| 1 | CU | \$115.42 | 47,710.42 | 1,512.00 | \$5,506,737 |
| 1 | PE | \$115.42 | 2,833.26 | 86.00 | \$327,015 |
| 1 | PVC | \$115.42 | 3,521.20 | 130.00 | \$406,417 |
| 2 | PVC | \$115.42 | 9.79 | 1.00 | \$1,130 |
| 2 | CU | \$115.42 | 659.91 | 28.00 | \$76,167 |
| 2 | PE | \$115.42 | 195.63 | 10.00 | \$22,579 |
| 1 | DI | \$115.42 | 21.46 | 1.00 | \$2,477 |
| 4 | PVC | \$115.42 | 73.94 | 1.00 | \$8,534 |
| | | Total | 55,025.62 | 1,769.00 | \$6,351,057 |

Martis Valley Water System Hydrants - Physical Analysis

| Type | Replacement Unit Cost | # Assets | Replacement Cost |
|---------|-----------------------|----------|------------------|
| Hydrant | \$10,625 | 457 | \$4,855,625 |

Martis Valley Water System Hydrant Laterals - Physical Analysis

| Material | Diameter | Replacement Unit Cost (\$ / ft) | Total Length (ft) | # Assets | Replacement Cost |
|----------|----------|------------------------------------|-------------------|------------|---------------------|
| DI | 6 | \$203.75 | 12938 | 432 | \$2,636,192 |
| DI | 8 | \$224.17 | 50 | 1 | \$11,184 |
| PVC | 6 | \$203.75 | 258 | 13 | \$52,600 |
| | | Total | 13246 | 446 | \$2,699,977 |

Martis Valley Water System Valves - Physical Analysis

| Valve Type | Diameter | Cost | # Assets | Replacement Cost |
|--------------|----------|-------------|----------|---------------------|
| Gate | 12 | \$18,750.00 | 117 | \$2,193,750 |
| Gate | 16 | \$25,000.00 | 1 | \$25,000 |
| Gate | 2 | \$4,375.00 | 17 | \$74,375 |
| Gate | 4 | \$7,500.00 | 4 | \$30,000 |
| Gate | 6 | \$11,742.50 | 440 | \$5,166,700 |
| Gate | 8 | \$13,375.00 | 397 | \$5,309,875 |
| Butterfly | 12 | \$18,750.00 | 176 | \$3,300,000 |
| Butterfly | 16 | \$25,000.00 | 16 | \$400,000 |
| Butterfly | 8 | 13375 | 17 | 227375 |
| Total | | | 1185 | \$16,727,075 |

Martis Valley Water System Control Valves - Physical Analysis

| Valve Type | Diameter | Cost | # Assets | Replacement Cost |
|--------------|----------|-------------|----------|--------------------|
| AR | 1 | \$5,625.00 | 81 | \$455,625 |
| AR | 10 | \$5,625.00 | 4 | \$22,500 |
| AR | 12 | \$5,625.00 | 10 | \$56,250 |
| AR | 2 | \$5,625.00 | 9 | \$50,625 |
| AR | 6 | \$5,625.00 | 11 | \$61,875 |
| AR | 8 | \$5,625.00 | 39 | \$219,375 |
| BO | 1 | \$3,500.00 | 2 | \$7,000 |
| BO | 10 | \$3,500.00 | 3 | \$10,500 |
| BO | 12 | \$3,500.00 | 22 | \$77,000 |
| BO | 2 | \$3,500.00 | 11 | \$38,500 |
| BO | 6 | \$3,500.00 | 23 | \$80,500 |
| BO | 8 | \$3,500.00 | 25 | \$87,500 |
| CV | 12 | \$11,250.00 | 2 | \$22,500 |
| Total | | | 242 | \$1,189,750 |

Martis Valley Water System Meters - Physical Analysis

| MeterType | MeterSize | Cost | # Assets | Replacement Cost |
|-----------|-----------|--------------|----------|------------------|
| Compound | 2.0000 | \$3,257.50 | 2 | \$6,515 |
| Compound | 3.0000 | \$4,005.00 | 2 | \$8,010 |
| Single | 0.6250 | \$546.25 | 23 | \$12,564 |
| Single | 0.7500 | \$546.25 | 60 | \$32,775 |
| Single | 1.0000 | \$546.25 | 1073 | \$586,126 |
| Single | 1.5000 | \$877.50 | 1 | \$878 |
| Single | 2.0000 | \$1,168.75 | 3 | \$3,506 |
| | | Total | 1164 | \$650,374 |

Martis Valley Water System Meter Boxes - Physical Analysis

| Type | Replacement Unit Cost | # Assets | Replacement Cost |
|-----------|-----------------------|----------|------------------|
| Meter Box | \$3,575 | 1650 | \$5,898,008 |

Appendix F

Sewer Data Tables

1. Sewer Facilities Preventative Maintenance and Replacement Schedule
2. Indian Hills Lift Station Physical Analysis Summary Table
3. Indian Hills Lift Station Preventative Maintenance Summary Table
4. Highway 267 Lift Station Physical Analysis Summary Table
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6. Retreat Lift Station Physical Analysis Summary Table
7. Retreat Lift Station Preventative Maintenance Summary Table
8. Sewer Infrastructure Physical Analysis Summary Table
9. Sewer Mains Physical Analysis Summary Table
10. Sewer Laterals Physical Analysis Summary Table
11. Sewer Manholes Physical Analysis Summary Table
12. Sewer Cleanouts Physical Analysis Summary Table

Sewer Facilities Preventative Maintenance and Replacement Schedule

| | | |
|-----------|----|---------|
| FY2023-24 | \$ | - |
| FY2024-25 | \$ | - |
| FY2025-26 | \$ | 120,700 |
| FY2026-27 | \$ | - |
| FY2027-28 | \$ | - |
| FY2028-29 | \$ | 138,805 |
| FY2029-30 | \$ | - |
| FY2030-31 | \$ | 156,910 |
| FY2031-32 | \$ | - |
| FY2032-33 | \$ | - |
| FY2033-34 | \$ | 72,420 |
| FY2034-35 | \$ | 30,000 |
| FY2035-36 | \$ | - |
| FY2036-37 | \$ | - |
| FY2037-38 | \$ | - |
| FY2038-39 | \$ | - |
| FY2039-40 | \$ | - |
| FY2040-41 | \$ | - |
| FY2041-42 | \$ | - |
| FY2042-43 | \$ | 25,000 |
| FY2043-44 | \$ | - |
| FY2044-45 | \$ | - |
| FY2045-46 | \$ | 289,680 |
| FY2046-47 | \$ | - |
| FY2047-48 | \$ | - |
| FY2048-49 | \$ | 66,385 |
| FY2049-50 | \$ | - |
| FY2050-51 | \$ | 36,210 |
| FY2051-52 | \$ | - |
| FY2052-53 | \$ | - |
| FY2053-54 | \$ | 36,210 |
| FY2054-55 | \$ | 30,000 |
| FY2055-56 | \$ | - |

| | | |
|-----------|----|---------|
| FY2056-57 | \$ | - |
| FY2057-58 | \$ | - |
| FY2058-59 | \$ | - |
| FY2059-60 | \$ | - |
| FY2060-61 | \$ | - |
| FY2061-62 | \$ | - |
| FY2062-63 | \$ | 25,000 |
| FY2063-64 | \$ | 120,700 |
| FY2064-65 | \$ | - |
| FY2065-66 | \$ | - |
| FY2066-67 | \$ | - |
| FY2067-68 | \$ | - |
| FY2068-69 | \$ | 30,175 |
| FY2069-70 | \$ | - |
| FY2070-71 | \$ | 36,210 |
| FY2071-72 | \$ | - |
| FY2072-73 | \$ | - |
| FY2073-74 | \$ | 36,210 |
| FY2074-75 | \$ | 30,000 |
| FY2075-76 | \$ | - |
| FY2076-77 | \$ | - |
| FY2077-78 | \$ | - |
| FY2078-79 | \$ | - |
| FY2079-80 | \$ | - |
| FY2080-81 | \$ | 120,700 |
| FY2081-82 | \$ | - |
| FY2082-83 | \$ | 25,000 |
| FY2083-84 | \$ | 168,980 |
| FY2084-85 | \$ | - |
| FY2085-86 | \$ | - |
| FY2086-87 | \$ | - |
| FY2087-88 | \$ | - |
| FY2088-89 | \$ | 18,105 |
| FY2089-90 | \$ | - |

| | | |
|--------------|-----------|------------------|
| FY2090-91 | \$ | 156,910 |
| FY2091-92 | \$ | - |
| FY2092-93 | \$ | - |
| FY2093-94 | \$ | 72,420 |
| FY2094-95 | \$ | 30,000 |
| FY2095-96 | \$ | - |
| FY2096-97 | \$ | - |
| FY2097-98 | \$ | - |
| FY2098-99 | \$ | - |
| FY2099-00 | \$ | - |
| FY2100-01 | \$ | - |
| FY2101-02 | \$ | - |
| FY2102-03 | \$ | 25,000 |
| FY2103-04 | \$ | - |
| FY2104-05 | \$ | - |
| FY2105-06 | \$ | - |
| FY2106-07 | \$ | - |
| FY2107-08 | \$ | - |
| FY2108-09 | \$ | 18,105 |
| FY2109-10 | \$ | - |
| FY2110-11 | \$ | 36,210 |
| FY2111-12 | \$ | - |
| FY2112-13 | \$ | - |
| FY2113-14 | \$ | 36,210 |
| FY2114-15 | \$ | 30,000 |
| FY2115-16 | \$ | - |
| FY2116-17 | \$ | - |
| FY2117-18 | \$ | - |
| FY2118-19 | \$ | 120,700 |
| FY2119-20 | \$ | - |
| FY2120-21 | \$ | 289,680 |
| FY2121-22 | \$ | - |
| FY2122-23 | \$ | 25,000 |
| Total | \$ | 2,453,635 |

Indian Hills Lift Station Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | Indian Hills |
| Age | 50 Years Old |
| Useful Life | 150 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 224 |
| Building Materials | Wood Framed, Plywood Sheathing, Cedar Siding, Wood Framed Trusses, Shake Roofing, Concrete Slab Floor |
| Function | Sewer Lift Station - Pumps Flows from Indian Hills into the District's Gravity Sewer Collection System. |
| Capacity (flow, volume, etc.) | 200 gpm with one pump. 400 gpm with two pumps |
| # of pumps | 2 |
| Tanks, wells, etc. | Wet Well, Oil Furnace, Diesel Generator. |
| Floor Plan if available | V:\AsBuilts\Old Northstar\IndianHillsCondos_Unit5A_5B\Lift Station Mechanical sheet 11 of 15.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The Indian Hills sewer lift station is responsible for pumping sewer flows from the Indian Hills Subdivision into the District's Gravity Sewer Collection System. Each of the two pumps can discharge 200 gallons per minute of untreated sewage into the nearby gravity sewer main. The facility is backed up with an emergency generator. |

Indian Hills Sewer Lift Station Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-----------|--|
| Exterior - Replace Wood Siding | 1973 | 60 | \$10,000 | \$ 12,070 |
| Exterior - AC Pavement Replacement | 2014 | 20 | | \$ 30,000 |
| Mechanical - Replace Pumps | 1973 | 60 | \$20,000 | \$ 24,140 |
| Electrical - Replace Primary Power | 1973 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Generator | 1973 | 55 | \$100,000 | \$ 120,700 |
| Electrical - Replace SCADA Controls | 1973 | 20 | \$30,000 | \$ 36,210 |
| Demo and Reconstruct Pump Station (Including Site Piping, Vaults, Etc.) | 1973 | 150 | \$745,000 | \$ 899,215 |

Highway 267 Lift Station Physical Analysis

| Facility Attributes | Value |
|--|--|
| Location | 70 highway 267, Truckee, CA 96161 |
| Age | 53 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | 816 |
| Building Materials | CMU, Concrete Roof, Concrete Slab Floor |
| Function | Sewer Lift Station - Pumps Flows from lower residential lots into the District's Siphon Lines. |
| Capacity (flow, volume, etc.) | 225 gpm with one pump. 450 gpm with two pumps |
| # of pumps | 2 |
| Tanks, wells, etc. | Valve Pit, Siphon Drain Wet Well, Gravity Main Wet Well, 50 Gallon Day Tank, Air Compressor, Oil Furnace, Diesel Generator. |
| Floor Plan if available | V:\AsBuilts\Old Northstar\Siphon-Trunk Sewer\Sheet 30.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The 267 sewer lift station is responsible for pumping sewer flows from the Basque and Skidder Subdivisions into the two siphon mains. Each of the two pumps can discharge 225 gallons per minute of untreated sewage into the 8" and 12" siphon mains. The facility is also used to drain the siphon mains when it is desired to switch between 8" and 12" lines. The facility is backed up with an emergency generator. |

Highway 267 Sewer Lift Station Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|--|--------------|-------------------|-------------|--|
| Appliances - Replace Unit Heaters, Louvers and Ductwork | 1970 | 60 | \$43,750 | \$ 52,806 |
| Mechanical - Replace Positive Displacement and Dewatering Pumps | 1970 | 60 | \$56,250 | \$ 67,894 |
| Mechanical - Replace Mechanical Piping, Valves, Fittings and Appurtenances | 1970 | 75 | \$200,000 | \$ 241,400 |
| Electrical - Replace Primary Power | 1970 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Generator | 1970 | 55 | \$100,000 | \$ 120,700 |
| Electrical - Replace Instrumentation and Controls | 2010 | 20 | \$30,000 | \$ 36,210 |
| Exterior - AC Pavement Replacement | 2022 | 20 | | \$ 25,000 |
| Demo and Reconstruct Building (Includes Wet Wells) | 1970 | 200 | \$1,750,000 | \$ 2,112,250 |

Retreat Lift Station Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | The end of Cross Cut Court |
| Age | 15 Years Old |
| Useful Life | 150 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | N/A |
| Building Materials | N/A |
| Function | Sewer Lift Station - Pumps Flows from the Retreat into the District's Gravity Sewer Collection System. |
| Capacity (flow, volume, etc.) | 22 gpm with one pump. 44 gpm with two pumps |
| # of pumps | 2 |
| Tanks, wells, etc. | 4,000 Gallon Emergency Storage Tank, Wet Well, Isolation Valve Vault, Emergency Bypass Vault, Diesel Generator. |
| Floor Plan if available | P:\Projects\Retreat\As-Builts\RETREAT LIFT STATION_AB_nr.pdf |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The Retreat sewer lift station is responsible for pumping sewer flows from the Retreat Subdivision into the District's Gravity Sewer Collection System. Each of the two pumps can discharge 22 gallons per minute of untreated sewage into the nearby gravity sewer main in Big Springs Drive. The facility is backed up with an emergency generator. |

Retreat Sewer Lift Station Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-----------|---|
| Mechanical - Replace Pumps | 2008 | 60 | \$10,000 | \$ 12,070 |
| Electrical - Replace Primary Power | 2008 | 75 | \$40,000 | \$ 48,280 |
| Electrical - Replace Generator | 2008 | 55 | \$100,000 | \$ 120,700 |
| Electrical - Replace SCADA Controls | 2008 | 20 | \$15,000 | \$ 18,105 |
| Demo and Reconstruct Pump Station (Including Site Piping, Vaults, Etc.) | 2008 | 150 | \$530,000 | \$ 639,710 |

Sewer System

Infrastructure Physical Analysis Summary Table

| Asset Type | Useful Life (yrs) | Average % Life Used | Average Age (yrs) | # Assets | Replacement Cost |
|------------|-------------------|---------------------|-------------------|-------------|---------------------|
| Mains | 75 | 48.0% | 36 | 666 | \$39,185,866 |
| Laterals | 75 | 40.8% | 38 | 1085 | \$8,465,973 |
| Manholes | 75 | 45.8% | 34 | 578 | \$9,473,420 |
| Cleanouts | 75 | 57.6% | 43 | 1116 | \$2,775,313 |
| | | | | 3445 | \$59,900,571 |

Sewer Mains - Physical Analysis

| Location | Dia_by_Type | Replacement Unit | | # Assets | Replacement Cost |
|-----------------------|-------------|------------------|-------------------|------------|---------------------|
| | | Cost (\$ / ft) | Total Length (ft) | | |
| Off Road Force Main | 3PVC | \$106.25 | 934 | 1 | \$99,191 |
| Off Road Force Main | 6CIP | \$225.00 | 1241 | 1 | \$279,295 |
| Off Road Gravity Main | 10ACP | \$262.50 | 2740 | 9 | \$719,220 |
| Off Road Gravity Main | 10CIP | \$287.50 | 1488 | 7 | \$427,787 |
| Off Road Gravity Main | 12ACP | \$312.50 | 1161 | 3 | \$362,894 |
| Off Road Gravity Main | 12CIP | \$337.50 | 408 | 3 | \$137,781 |
| Off Road Gravity Main | 6ACP | \$200.00 | 23459 | 109 | \$4,691,718 |
| Off Road Gravity Main | 6CIP | \$225.00 | 187 | 1 | \$42,012 |
| Off Road Gravity Main | 6PVC | \$200.00 | 18065 | 89 | \$3,613,072 |
| Off Road Gravity Main | 8ACP | \$225.00 | 5673 | 24 | \$1,276,379 |
| Off Road Gravity Main | 8CIP | \$250.00 | 3392 | 13 | \$848,000 |
| Off Road Gravity Main | 8PVC | \$225.00 | 4417 | 29 | \$993,854 |
| Off RoadSiphon | 12CIP | \$337.50 | 17930 | 19 | \$6,051,348 |
| Off RoadSiphon | 8CIP | \$250.00 | 17929 | 19 | \$4,482,367 |
| On Road Force Main | 4PVC | \$130.83 | 725 | 1 | \$94,887 |
| On Road Gravity Main | 10ACP | \$285.83 | 1615 | 9 | \$461,725 |
| On Road Gravity Main | 10CIP | \$310.83 | 153 | 1 | \$47,532 |
| On Road Gravity Main | 12ACP | \$337.50 | 493 | 2 | \$166,369 |
| On Road Gravity Main | 12CIP | \$362.50 | 611 | 4 | \$221,455 |
| On Road Gravity Main | 6ACP | \$220.00 | 32834 | 147 | \$7,223,587 |
| On Road Gravity Main | 6CIP | \$245.00 | 73 | 1 | \$17,863 |
| On Road Gravity Main | 6PVC | \$220.00 | 18741 | 110 | \$4,122,936 |
| On Road Gravity Main | 8ACP | \$246.67 | 1846 | 10 | \$455,359 |
| On Road Gravity Main | 8PVC | \$246.67 | 9524 | 54 | \$2,349,235 |
| Total | | | | 666 | \$39,185,866 |

Sewer Laterals - Physical Analysis

| PIPE_TYPE | Diameter | Replacement Unit | | | Replacement Cost |
|-----------|----------|------------------|-------------------|--------------|--------------------|
| | | Cost (\$ / ft) | Total Length (ft) | # Assets | |
| ACP | 4 | \$264.67 | 20,036 | 715 | \$5,302,951 |
| PE | 4 | \$264.67 | 127 | 13 | \$33,681 |
| PVC | 4 | \$264.67 | 9,780 | 298 | \$2,588,550 |
| PVC | 6 | \$220.00 | 2,309 | 58 | \$508,033 |
| PVC | 8 | \$246.67 | 133 | 1 | \$32,758 |
| | | Total | 32,386 | 1,085 | \$8,465,973 |

Sewer Manholes - Physical Analysis

| Location | Replacement Unit Cost | # Assets | Replacement Cost |
|----------|-----------------------|------------|--------------------|
| Off Road | \$16,250 | 289 | \$4,696,250 |
| On Road | \$16,530 | 289 | \$4,777,170 |
| | Total | 578 | \$9,473,420 |

Sewer Cleanouts - Physical Analysis

| Type | Replacement Unit Cost | # Assets | Replacement Cost |
|------------------|-----------------------|-------------|--------------------|
| Cleanout Lateral | \$1,875 | 1011 | \$1,895,625 |
| Cleanout System | \$2,813 | 71 | \$199,688 |
| Cleanout Siphon | \$20,000 | 34 | \$680,000 |
| | Total | 1116 | \$2,775,313 |

Appendix G

Solid Waste Data Tables

1. Solid Waste Facilities Preventative Maintenance and Replacement Schedule
2. Recycling Area Physical Analysis Summary Table
3. Recycling Area Preventative Maintenance Summary Table

Solid Waste Facility Preventative Maintenance and Replacement Schedule

| Fiscal Year | Total |
|-------------|-----------|
| FY2023-24 | \$ - |
| FY2024-25 | \$ - |
| FY2025-26 | \$ - |
| FY2026-27 | \$ - |
| FY2027-28 | \$ - |
| FY2028-29 | \$ 12,070 |
| FY2029-30 | \$ 99,578 |
| FY2030-31 | \$ - |
| FY2031-32 | \$ - |
| FY2032-33 | \$ - |
| FY2033-34 | \$ - |
| FY2034-35 | \$ - |
| FY2035-36 | \$ - |
| FY2036-37 | \$ - |
| FY2037-38 | \$ - |
| FY2038-39 | \$ 66,385 |
| FY2039-40 | \$ 24,140 |
| FY2040-41 | \$ - |
| FY2041-42 | \$ - |
| FY2042-43 | \$ - |
| FY2043-44 | \$ - |
| FY2044-45 | \$ - |
| FY2045-46 | \$ - |
| FY2046-47 | \$ - |
| FY2047-48 | \$ - |
| FY2048-49 | \$ 12,070 |
| FY2049-50 | \$ 99,578 |
| FY2050-51 | \$ - |
| FY2051-52 | \$ - |
| FY2052-53 | \$ - |
| FY2053-54 | \$ - |

| | | |
|-----------|----|---------|
| FY2054-55 | \$ | - |
| FY2055-56 | \$ | - |
| FY2056-57 | \$ | - |
| FY2057-58 | \$ | - |
| FY2058-59 | \$ | 66,385 |
| FY2059-60 | \$ | - |
| FY2060-61 | \$ | - |
| FY2061-62 | \$ | - |
| FY2062-63 | \$ | - |
| FY2063-64 | \$ | - |
| FY2064-65 | \$ | - |
| FY2065-66 | \$ | - |
| FY2066-67 | \$ | - |
| FY2067-68 | \$ | - |
| FY2068-69 | \$ | 12,070 |
| FY2069-70 | \$ | 123,718 |
| FY2070-71 | \$ | - |
| FY2071-72 | \$ | - |
| FY2072-73 | \$ | - |
| FY2073-74 | \$ | - |
| FY2074-75 | \$ | - |
| FY2075-76 | \$ | - |
| FY2076-77 | \$ | - |
| FY2077-78 | \$ | - |
| FY2078-79 | \$ | 66,385 |
| FY2079-80 | \$ | - |
| FY2080-81 | \$ | - |
| FY2081-82 | \$ | - |
| FY2082-83 | \$ | - |
| FY2083-84 | \$ | - |
| FY2084-85 | \$ | - |
| FY2085-86 | \$ | - |
| FY2086-87 | \$ | - |
| FY2087-88 | \$ | - |

| | | |
|-----------|----|---------|
| FY2088-89 | \$ | 12,070 |
| FY2089-90 | \$ | 99,578 |
| FY2090-91 | \$ | - |
| FY2091-92 | \$ | - |
| FY2092-93 | \$ | - |
| FY2093-94 | \$ | 18,105 |
| FY2094-95 | \$ | - |
| FY2095-96 | \$ | - |
| FY2096-97 | \$ | - |
| FY2097-98 | \$ | - |
| FY2098-99 | \$ | 66,385 |
| FY2099-00 | \$ | 24,140 |
| FY2100-01 | \$ | - |
| FY2101-02 | \$ | - |
| FY2102-03 | \$ | - |
| FY2103-04 | \$ | - |
| FY2104-05 | \$ | - |
| FY2105-06 | \$ | - |
| FY2106-07 | \$ | - |
| FY2107-08 | \$ | - |
| FY2108-09 | \$ | 12,070 |
| FY2109-10 | \$ | 298,733 |
| FY2110-11 | \$ | - |
| FY2111-12 | \$ | - |
| FY2112-13 | \$ | - |
| FY2113-14 | \$ | - |
| FY2114-15 | \$ | - |
| FY2115-16 | \$ | - |
| FY2116-17 | \$ | - |
| FY2117-18 | \$ | - |
| FY2118-19 | \$ | 66,385 |
| FY2119-20 | \$ | - |
| FY2120-21 | \$ | - |
| FY2121-22 | \$ | - |

FY2122-23 \$ -

Total \$ 1,179,843

Recycling Area Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | Northstar Drive at Sawmill Flat |
| Age | 15 Years Old |
| Useful Life | 200 Years (i.e. not contemplated for replacement in 100 Year CRP) |
| Size (square feet) | N/A |
| Building Materials | AC, Rockery Wall |
| Function | Houses Dumpsters |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | N/A |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | The recycling area houses several dumpsters and is available to the Northstar Community for waste disposal. |

Recycling Area Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|---|--------------|-------------------|-----------|--|
| Replace AC | 2009 | 20 | \$82,500 | \$ 99,578 |
| Replace Concrete Pads | 2009 | 30 | \$20,000 | \$ 24,140 |
| Replace Redi Rock Wall | 2009 | 100 | \$140,000 | \$ 168,980 |
| Replace Storm Drain Infrastructure | 2009 | 100 | \$25,000 | \$ 30,175 |
| Replace Gate Controls | 2018 | 10 | \$10,000 | \$ 12,070 |
| Replace Gate | 2018 | 20 | \$45,000 | \$ 54,315 |
| Replace Electrical | 2018 | 75 | \$15,000 | \$ 18,105 |
| Demo and Reconstruct Facility (Including Site Piping) | 2009 | 200 | \$337,500 | \$ 407,363 |

Appendix H

Fire and Fuels Management Data Tables

1. Fire and Fuels Equipment Valuation and Allocation Summary Table
2. Fire and Fuels Equipment Replacement Schedule
3. Fire Facilities Preventative Maintenance and Replacement Schedule
4. Station 31 Physical Analysis Summary Table
5. Station 31 Preventative Maintenance Summary Table
6. Station 32 Physical Analysis Summary Table
7. Station 32 Preventative Maintenance Summary Table

Fire and Fuels Equipment Capital Replacement Plan Allocations

Allocations

| Equipment ID Number | Description | Year Purchased | Economic Life (Years) | Replacement Year | Original Cost | Current Year Cost Updated for Current Year Rate of Inflation - 2.75% | Fuels | Fire | Total |
|---------------------|--|----------------|-----------------------|------------------|---------------|--|--------|--------|--------|
| 1 | Extrication tools for E-31 | 2017 | 19 | 2036 | \$42,000 | \$49,424 | 0.0% | 100.0% | 100.0% |
| 2 | Engine 31 (E-31) | 2018 | 200 | 2218 | \$675,000 | \$900,000 | 0.0% | 100.0% | 100.0% |
| 3 | UTV (Ranger 32) | 2020 | 17 | 2037 | \$60,000 | \$65,087 | 0.0% | 100.0% | 100.0% |
| 4 | 5 inch supply hose for E-31 | 2002 | 24 | 2026 | \$10,000 | \$17,677 | 0.0% | 100.0% | 100.0% |
| 5 | Circul-Air hose washer (Station 31) | 1974 | 54 | 2028 | \$7,000 | \$26,449 | 0.0% | 100.0% | 100.0% |
| 6 | Circul-Air hose dryer (Station 31) | 1974 | 54 | 2028 | \$7,000 | \$26,449 | 0.0% | 100.0% | 100.0% |
| 7 | Toyota Tundra (F-31) | 2004 | 26 | 2030 | \$30,000 | \$50,231 | 0.0% | 100.0% | 100.0% |
| 8 | Ford Expedition (U-31) | 2009 | 16 | 2025 | \$50,000 | \$73,100 | 0.0% | 100.0% | 100.0% |
| 9 | SCBAs | 2010 | 15 | 2025 | \$110,000 | \$156,515 | 0.0% | 100.0% | 100.0% |
| 10 | Brush 31 (B-231) - Replace with Type 6 | 2000 | 30 | 2030 | Unknown | \$250,000 | 0.0% | 100.0% | 100.0% |
| 11 | Brush 31 (B-31) | 2018 | 20 | 2038 | Unknown | \$350,000 | 0.0% | 100.0% | 100.0% |
| 12 | Chevy Tahoe (U-32) | 2006 | 24 | 2030 | Unknown | \$60,000 | 100.0% | 0.0% | 100.0% |
| 13 | 5 inch supply hose for E-32 | 2010 | 18 | 2028 | \$12,000 | \$17,074 | 0.0% | 100.0% | 100.0% |
| 14 | Monitor/Defibrillator (R-32) | 2014 | 9 | 2023 | \$32,000 | \$40,849 | 0.0% | 100.0% | 100.0% |
| 15 | Ford Expedition (C-300) | 2010 | 13 | 2023 | \$50,000 | \$71,143 | 0.0% | 100.0% | 100.0% |
| 16 | Monitor/Defibrillator E-31 | 2013 | 10 | 2023 | \$32,000 | \$41,973 | 0.0% | 100.0% | 100.0% |
| 17 | SCBA Fill Station | 2002 | 26 | 2028 | \$33,000 | \$58,335 | 0.0% | 100.0% | 100.0% |
| 18 | Wildland Clothing | 2014 | 9 | 2023 | \$40,000 | \$51,062 | 0.0% | 100.0% | 100.0% |
| 19 | Structure Turnouts | 2014 | 10 | 2024 | \$80,000 | \$90,000 | 0.0% | 100.0% | 100.0% |
| 20 | Snowblower (Trackless, Driving) | 2009 | 16 | 2025 | \$135,000 | \$197,369 | 0.0% | 100.0% | 100.0% |
| 21 | Brush 32 (B-32) | 2010 | 20 | 2030 | Unknown | \$350,000 | 0.0% | 100.0% | 100.0% |
| 22 | Engine 32 (E-32) | 2010 | 200 | 2210 | Unknown | \$900,000 | 0.0% | 100.0% | 100.0% |
| 23 | Hose dryer (Station 32) | 2010 | 20 | 2030 | \$14,000 | \$19,920 | 0.0% | 100.0% | 100.0% |
| 24 | Hose washer (Station 32) | 2010 | 20 | 2030 | \$14,000 | \$19,920 | 0.0% | 100.0% | 100.0% |
| 25 | Extrication tools for E-32 | 2019 | 15 | 2034 | \$37,538 | \$41,840 | 0.0% | 100.0% | 100.0% |
| 26 | Turnout extractor | 2010 | 20 | 2030 | \$10,000 | \$14,229 | 0.0% | 100.0% | 100.0% |
| 27 | Monitor/Defibrillator Highlands | 2017 | 9 | 2026 | \$32,000 | \$37,657 | 0.0% | 100.0% | 100.0% |
| 28 | Mobile Radios | 2018 | 8 | 2026 | \$26,500 | \$30,350 | 0.0% | 100.0% | 100.0% |
| 29 | Wildfire shelters and webgear | 2018 | 8 | 2026 | \$15,817 | \$18,115 | 0.0% | 100.0% | 100.0% |
| 30 | Handheld Radios | 2018 | 8 | 2026 | \$37,575 | \$43,034 | 0.0% | 100.0% | 100.0% |
| 31 | 1-ton Chevy 4X4 pickup (R-32) | 2014 | 15 | 2029 | \$50,000 | \$63,827 | 0.0% | 100.0% | 100.0% |
| 32 | Ford F150 Crew Cab (F-1) | 2020 | 15 | 2035 | \$50,000 | \$54,239 | 100.0% | 0.0% | 100.0% |

Notes and revisions per Sean Bailey on 5-14-15

Extrication Equipment Hurst (row 29) was replaced with a grant in 2019, and its new replacement year will be 2034. This was funded by a no match grant, so no department money was spent. "E-32" has been added to the descriptor "E-31" has been added to the Row 3 description "Extrication Equipment" for clarification purposes

Notes and revisions per Sean Bailey on 3-16-18 and 7-11-18

Removed all equipment under \$10,000 from CRP schedule including gym and office equipment

Where original cost is unknown, current year cost is updated without a future value calculation

Bandit Chipper was removed from the Operations Equipment CRP.

E31 and E32 will be refurbished at 20 years and replaced at 30 years. For model purpose, a number outside the replacement range (i.e > 100 years) was used for the economic life and replacements were added manually in the schedule

E31 was refurbished in 2018, so replacement is scheduled 10 years out in 2028. The above replacement schedule will take effect in 2028

Reserve Engine is to be old E31 or E32 and has been removed from the replacement schedule

Notes and revisions per Jason Gibeaut on 3/24/23

Removed snowmobiles and added UTV (Ranger Replacement)

Track Chipper was removed.

Increase the new C-300 vehicle from \$50K to \$70K

U-31 (Ford Expedition) will be replaced with a used pick-up truck. Replacement cost kept at \$50K

Removed the ladder truck (T-31) from the replacement plan

Plan shows B-231 will be replaced with Type 6. Price accounts for outfitting the rig. Replacement will happen at 30 years (instead of originally 20 years) in 2030

Increased the replacement years of the hose washer and dryer at #32 from 15 to 20 years.

Increased the replacement years of the turnout extractor at #32 from 15 to 20 years.

Increase turnouts replacement to \$90,000.

Notes and revisions per Eric Martin on 3/29/23

Removed 1999 John Deere Loader per 3-29-23 Email from Jason G. stating that NFD will lease rather than replace the loader

Fire and Fuels Equipment - Replacement Schedule

| | Fire | Fuels | Total |
|-----------|--------------|-----------|--------------|
| FY2023-24 | \$ 205,027 | \$ - | \$ 205,027 |
| FY2024-25 | \$ 90,000 | \$ - | \$ 90,000 |
| FY2025-26 | \$ 426,984 | \$ - | \$ 426,984 |
| FY2026-27 | \$ 146,832 | \$ - | \$ 146,832 |
| FY2027-28 | \$ - | \$ - | \$ - |
| FY2028-29 | \$ 901,368 | \$ - | \$ 901,368 |
| FY2029-30 | \$ 63,827 | \$ - | \$ 63,827 |
| FY2030-31 | \$ 904,300 | \$ 60,000 | \$ 964,300 |
| FY2031-32 | \$ - | \$ - | \$ - |
| FY2032-33 | \$ 91,911 | \$ - | \$ 91,911 |
| FY2033-34 | \$ 41,973 | \$ - | \$ 41,973 |
| FY2034-35 | \$ 223,339 | \$ - | \$ 223,339 |
| FY2035-36 | \$ 37,657 | \$ 54,239 | \$ 91,896 |
| FY2036-37 | \$ 120,568 | \$ - | \$ 120,568 |
| FY2037-38 | \$ 65,087 | \$ - | \$ 65,087 |
| FY2038-39 | \$ 350,000 | \$ - | \$ 350,000 |
| FY2039-40 | \$ - | \$ - | \$ - |
| FY2040-41 | \$ 836,515 | \$ - | \$ 836,515 |
| FY2041-42 | \$ 362,380 | \$ - | \$ 362,380 |
| FY2042-43 | \$ 91,498 | \$ - | \$ 91,498 |
| FY2043-44 | \$ 41,973 | \$ - | \$ 41,973 |
| FY2044-45 | \$ 191,484 | \$ - | \$ 191,484 |
| FY2045-46 | \$ - | \$ - | \$ - |
| FY2046-47 | \$ 17,074 | \$ - | \$ 17,074 |
| FY2047-48 | \$ - | \$ - | \$ - |
| FY2048-49 | \$ 200,000 | \$ - | \$ 200,000 |
| FY2049-50 | \$ 112,983 | \$ - | \$ 112,983 |
| FY2050-51 | \$ 605,156 | \$ 54,239 | \$ 659,396 |
| FY2051-52 | \$ - | \$ - | \$ - |
| FY2052-53 | \$ - | \$ - | \$ - |
| FY2053-54 | \$ 79,629 | \$ - | \$ 79,629 |
| FY2054-55 | \$ 213,423 | \$ 60,000 | \$ 273,423 |
| FY2055-56 | \$ 205,939 | \$ - | \$ 205,939 |
| FY2056-57 | \$ 50,231 | \$ - | \$ 50,231 |
| FY2057-58 | \$ 270,469 | \$ - | \$ 270,469 |
| FY2058-59 | \$ 1,214,558 | \$ - | \$ 1,214,558 |
| FY2059-60 | \$ 155,739 | \$ - | \$ 155,739 |
| FY2060-61 | \$ 450,000 | \$ - | \$ 450,000 |
| FY2061-62 | \$ - | \$ - | \$ - |
| FY2062-63 | \$ 108,800 | \$ - | \$ 108,800 |
| FY2063-64 | \$ 41,973 | \$ - | \$ 41,973 |
| FY2064-65 | \$ 148,914 | \$ - | \$ 148,914 |
| FY2065-66 | \$ - | \$ 54,239 | \$ 54,239 |

| | | | |
|-----------|--------------|-----------|--------------|
| FY2066-67 | \$ 91,498 | \$ - | \$ 91,498 |
| FY2067-68 | \$ - | \$ - | \$ - |
| FY2068-69 | \$ 91,911 | \$ - | \$ 91,911 |
| FY2069-70 | \$ - | \$ - | \$ - |
| FY2070-71 | \$ 1,240,584 | \$ - | \$ 1,240,584 |
| FY2071-72 | \$ 102,744 | \$ - | \$ 102,744 |
| FY2072-73 | \$ - | \$ - | \$ - |
| FY2073-74 | \$ 312,442 | \$ - | \$ 312,442 |
| FY2074-75 | \$ 312,427 | \$ - | \$ 312,427 |
| FY2075-76 | \$ 71,143 | \$ - | \$ 71,143 |
| FY2076-77 | \$ - | \$ - | \$ - |
| FY2077-78 | \$ 91,911 | \$ - | \$ 91,911 |
| FY2078-79 | \$ 550,000 | \$ 60,000 | \$ 610,000 |
| FY2079-80 | \$ 41,840 | \$ - | \$ 41,840 |
| FY2080-81 | \$ 95,992 | \$ 54,239 | \$ 150,231 |
| FY2081-82 | \$ - | \$ - | \$ - |
| FY2082-83 | \$ 211,702 | \$ - | \$ 211,702 |
| FY2083-84 | \$ 41,973 | \$ - | \$ 41,973 |
| FY2084-85 | \$ 90,000 | \$ - | \$ 90,000 |
| FY2085-86 | \$ 156,515 | \$ - | \$ 156,515 |
| FY2086-87 | \$ 91,911 | \$ - | \$ 91,911 |
| FY2087-88 | \$ - | \$ - | \$ - |
| FY2088-89 | \$ 909,291 | \$ - | \$ 909,291 |
| FY2089-90 | \$ 371,953 | \$ - | \$ 371,953 |
| FY2090-91 | \$ 945,567 | \$ - | \$ 945,567 |
| FY2091-92 | \$ - | \$ - | \$ - |
| FY2092-93 | \$ - | \$ - | \$ - |
| FY2093-94 | \$ 91,397 | \$ - | \$ 91,397 |
| FY2094-95 | \$ 131,840 | \$ - | \$ 131,840 |
| FY2095-96 | \$ 91,911 | \$ 54,239 | \$ 146,151 |
| FY2096-97 | \$ - | \$ - | \$ - |
| FY2097-98 | \$ - | \$ - | \$ - |
| FY2098-99 | \$ 496,832 | \$ - | \$ 496,832 |
| FY2099-00 | \$ - | \$ - | \$ - |
| FY2100-01 | \$ 853,590 | \$ - | \$ 853,590 |
| FY2101-02 | \$ 71,143 | \$ - | \$ 71,143 |
| FY2102-03 | \$ - | \$ 60,000 | \$ 60,000 |
| FY2103-04 | \$ 41,973 | \$ - | \$ 41,973 |
| FY2104-05 | \$ 245,739 | \$ - | \$ 245,739 |
| FY2105-06 | \$ 335,556 | \$ - | \$ 335,556 |
| FY2106-07 | \$ 149,834 | \$ - | \$ 149,834 |
| FY2107-08 | \$ 37,657 | \$ - | \$ 37,657 |
| FY2108-09 | \$ 250,231 | \$ - | \$ 250,231 |
| FY2109-10 | \$ 41,840 | \$ - | \$ 41,840 |
| FY2110-11 | \$ 404,069 | \$ 54,239 | \$ 458,308 |
| FY2111-12 | \$ - | \$ - | \$ - |
| FY2112-13 | \$ 49,424 | \$ - | \$ 49,424 |

| | | | |
|-----------|----------------------|-------------------|----------------------|
| FY2113-14 | \$ 133,884 | \$ - | \$ 133,884 |
| FY2114-15 | \$ 161,143 | \$ - | \$ 161,143 |
| FY2115-16 | \$ 156,515 | \$ - | \$ 156,515 |
| FY2116-17 | \$ 37,657 | \$ - | \$ 37,657 |
| FY2117-18 | \$ - | \$ - | \$ - |
| FY2118-19 | \$ 1,140,134 | \$ - | \$ 1,140,134 |
| FY2119-20 | \$ 63,827 | \$ - | \$ 63,827 |
| FY2120-21 | \$ 450,000 | \$ - | \$ 450,000 |
| FY2121-22 | \$ 270,469 | \$ - | \$ 270,469 |
| FY2122-23 | \$ 82,765 | \$ - | \$ 82,765 |
| | \$ 20,678,451 | \$ 565,437 | \$ 21,243,888 |

Fire Facilities Preventative Maintenance and Replacement Schedule

| | | |
|-----------|----|---------|
| FY2023-24 | \$ | 20,000 |
| FY2024-25 | \$ | 52,070 |
| FY2025-26 | \$ | 20,000 |
| FY2026-27 | \$ | - |
| FY2027-28 | \$ | - |
| FY2028-29 | \$ | 25,000 |
| FY2029-30 | \$ | 193,377 |
| FY2030-31 | \$ | 18,105 |
| FY2031-32 | \$ | - |
| FY2032-33 | \$ | - |
| FY2033-34 | \$ | 22,330 |
| FY2034-35 | \$ | 22,330 |
| FY2035-36 | \$ | - |
| FY2036-37 | \$ | - |
| FY2037-38 | \$ | 168,377 |
| FY2038-39 | \$ | 256,050 |
| FY2039-40 | \$ | 268,120 |
| FY2040-41 | \$ | 20,000 |
| FY2041-42 | \$ | 20,000 |
| FY2042-43 | \$ | - |
| FY2043-44 | \$ | - |
| FY2044-45 | \$ | - |
| FY2045-46 | \$ | 18,105 |
| FY2046-47 | \$ | - |
| FY2047-48 | \$ | - |
| FY2048-49 | \$ | 25,000 |
| FY2049-50 | \$ | 193,377 |
| FY2050-51 | \$ | - |
| FY2051-52 | \$ | - |
| FY2052-53 | \$ | - |
| FY2053-54 | \$ | 20,000 |
| FY2054-55 | \$ | 152,770 |
| FY2055-56 | \$ | - |
| FY2056-57 | \$ | 20,000 |
| FY2057-58 | \$ | 188,377 |

| | | |
|-----------|----|---------|
| FY2058-59 | \$ | 47,330 |
| FY2059-60 | \$ | 168,030 |
| FY2060-61 | \$ | 18,105 |
| FY2061-62 | \$ | - |
| FY2062-63 | \$ | - |
| FY2063-64 | \$ | - |
| FY2064-65 | \$ | - |
| FY2065-66 | \$ | - |
| FY2066-67 | \$ | - |
| FY2067-68 | \$ | - |
| FY2068-69 | \$ | 256,050 |
| FY2069-70 | \$ | 436,497 |
| FY2070-71 | \$ | - |
| FY2071-72 | \$ | - |
| FY2072-73 | \$ | 20,000 |
| FY2073-74 | \$ | 20,000 |
| FY2074-75 | \$ | - |
| FY2075-76 | \$ | 18,105 |
| FY2076-77 | \$ | - |
| FY2077-78 | \$ | 168,377 |
| FY2078-79 | \$ | 25,000 |
| FY2079-80 | \$ | 25,000 |
| FY2080-81 | \$ | - |
| FY2081-82 | \$ | - |
| FY2082-83 | \$ | - |
| FY2083-84 | \$ | 42,330 |
| FY2084-85 | \$ | 54,400 |
| FY2085-86 | \$ | - |
| FY2086-87 | \$ | - |
| FY2087-88 | \$ | - |
| FY2088-89 | \$ | 45,000 |
| FY2089-90 | \$ | 213,377 |
| FY2090-91 | \$ | 18,105 |
| FY2091-92 | \$ | - |
| FY2092-93 | \$ | - |
| FY2093-94 | \$ | - |
| FY2094-95 | \$ | - |

| | | |
|--------------|-----------|------------------|
| FY2095-96 | \$ | - |
| FY2096-97 | \$ | - |
| FY2097-98 | \$ | 168,377 |
| FY2098-99 | \$ | 256,050 |
| FY2099-00 | \$ | 268,120 |
| FY2100-01 | \$ | - |
| FY2101-02 | \$ | - |
| FY2102-03 | \$ | - |
| FY2103-04 | \$ | - |
| FY2104-05 | \$ | 140,700 |
| FY2105-06 | \$ | 38,105 |
| FY2106-07 | \$ | - |
| FY2107-08 | \$ | - |
| FY2108-09 | \$ | 47,330 |
| FY2109-10 | \$ | 336,406 |
| FY2110-11 | \$ | - |
| FY2111-12 | \$ | - |
| FY2112-13 | \$ | - |
| FY2113-14 | \$ | 20,000 |
| FY2114-15 | \$ | 32,070 |
| FY2115-16 | \$ | - |
| FY2116-17 | \$ | - |
| FY2117-18 | \$ | 168,377 |
| FY2118-19 | \$ | 25,000 |
| FY2119-20 | \$ | 25,000 |
| FY2120-21 | \$ | 38,105 |
| FY2121-22 | \$ | 20,000 |
| FY2122-23 | \$ | - |
| Total | \$ | 4,882,726 |

Station 31 Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 910 Northstar Drive |
| Age | 11 Years since major remodel |
| Useful Life | 200 Years (i.e. not contemplated in 100-Year CRP) |
| Size (square feet) | 9428 |
| Building Materials | CMU, Metal and Wood Frame, Hardiboard Siding, Asphalt Shingle and Membrane Roof |
| Function | Fire Station |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | N/A |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | Station 31 underwent a major remodel in 2008. |

Station 31 Preventative Maintenance Summary

| Maintenance Activity | Install Year | Frequency (Years) | 2018 Cost | 2023 Cost (Inflated per ENR CCI September 2018 to September 2023) |
|--|--------------|-------------------|--------------|---|
| Exterior - AC Repaving | 2017 | 20 | \$ 139,500 | \$ 168,377 |
| Exterior - Replace Fiber Cement Siding | 2008 | 30 | \$ 50,000 | \$ 60,350 |
| Exterior - Replace Roof (Asphalt Shingles) | 2008 | 25 | \$ 18,500 | \$ 22,330 |
| Exterior - Replace Roof (Stress Membrane Roof) | 2008 | 30 | \$ 30,000 | \$ 36,210 |
| Exterior - Replace Rollup Doors | 2008 | 30 | \$ 20,000 | \$ 24,140 |
| Exterior - Painting | 2008 | 10 | | \$ 25,000 |
| Mechanical System Replacement | 2008 | 30 | \$ 15,000 | \$ 30,000 |
| Interior - Replace Windows | 2008 | 30 | \$ 20,000 | \$ 24,140 |
| Interior - Kitchen Remodel | 2008 | 30 | \$ 30,000 | \$ 36,210 |
| Interior - Painting | 2008 | 16 | | \$ 20,000 |
| Replace Flooring | 2008 | 15 | \$ 10,000 | \$ 20,000 |
| Electrical - Replace Light Fixtures | 2000 | 15 | \$ 15,000 | \$ 18,105 |
| Electrical - Replace Generator | 2004 | 50 | \$ 100,000 | \$ 120,700 |
| Demo and Reconstruct Building | 2008 | 200 | \$ 4,160,000 | \$ 5,021,120 |

Station 32 Physical Analysis

| Facility Attributes | Value |
|--|---|
| Location | 9100 Highlands View Road |
| Age | 15 Years Old |
| Useful Life | 200 Years (i.e. not contemplated in 100-Year CRP) |
| Size (square feet) | Approx. 10,0000 |
| Building Materials | Metal and wood Frame, Asphalt Shingle |
| Function | Fire Station |
| Capacity (flow, volume, etc.) | N/A |
| # of pumps | N/A |
| Tanks, wells, etc. | N/A |
| Floor Plan if available | |
| Significant Notes / Issues (e.g., description, maintenance history, usage) | Station 32 was constructed by Clark and Sullivan in 2009. |

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|--|--------------|-------------------|--------------|--|
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| Interior - Kitchen Remodel | 2009 | 30 | \$ 30,000 | \$ 36,210 |
| Interior - Painting | 2009 | 16 | | \$ 20,000 |
| Replace Flooring | 2009 | 15 | \$ 10,000 | \$ 20,000 |
| Electrical - Replace Light Fixtures | 2009 | 15 | \$ 10,000 | \$ 12,070 |
| Electrical - Replace Generator | 2009 | 50 | \$ 100,000 | \$ 120,700 |
| Demo and Reconstruct Building | 2009 | 200 | \$ 4,160,000 | \$ 5,021,120 |

Appendix I

Model Workbook Relationship Exhibit

Capital Replacement Plan Data Workbook Relationship Exhibit

