



Township of Ramara Asset Management Plan for Water and Wastewater Systems

SUBMITTED BY

Ontario Clean Water Agency
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Executive Summary

Water and Wastewater Facility Asset Portfolio

The scope of this Asset Management Plan (AMP) includes all water and wastewater assets. The infrastructure portfolio has an estimated replacement value of approximately \$90 million (Figure ES1).

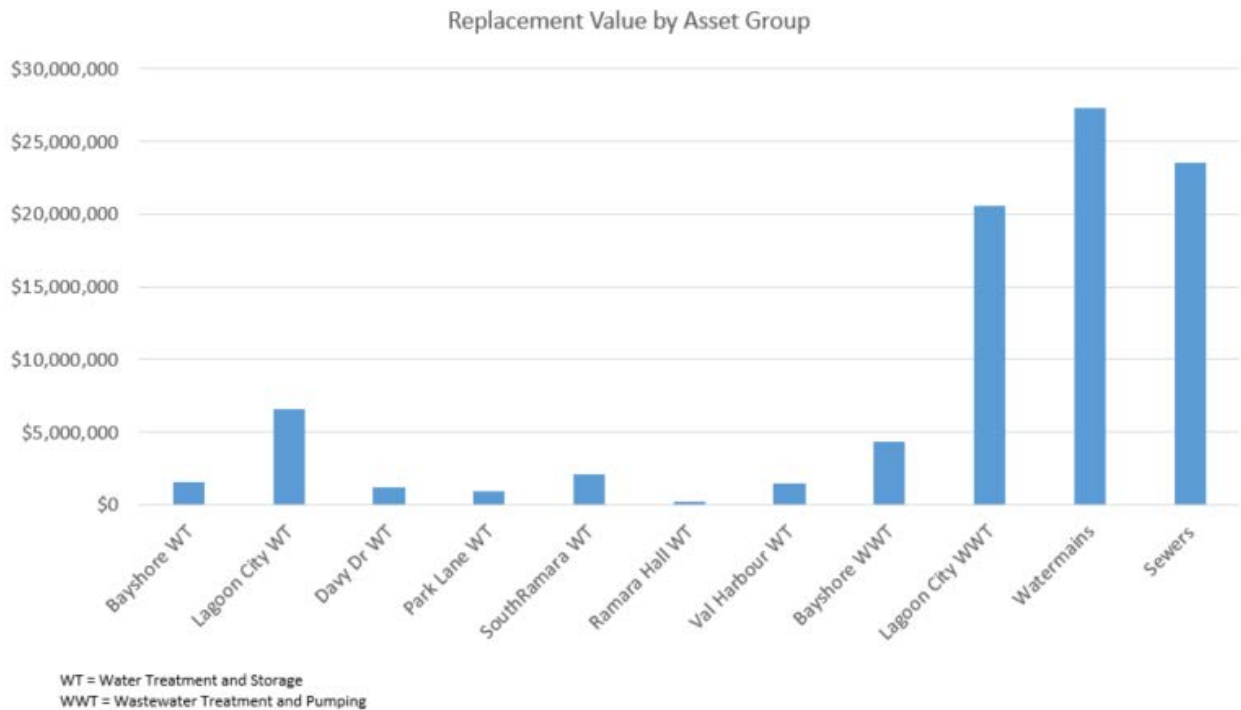


Figure ES1: Asset Portfolio Summary

Note: Actual costing values are subject to market forces at the time of infrastructure construction/improvement activity, the above values are based on historical averages and industry standards.

Current Asset Performance

The current performance of each individual asset record represented in the asset portfolio is established through an analysis of the best available asset information. Table ES1 summarizes the current performance by replacement value. Figure ES-2 summarizes the performance distribution of the assets in each performance asset group (i.e. % of each asset group in good/fair/poor performance, weighted by replacement cost).

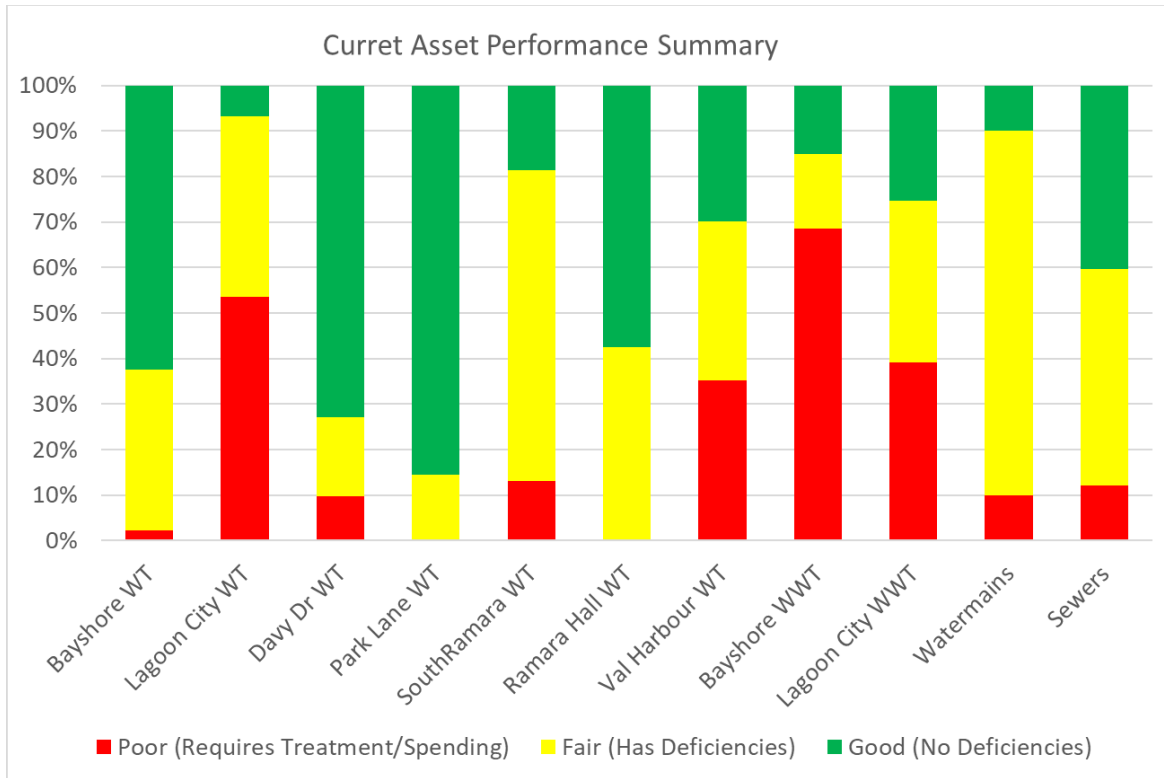


Figure ES1 – Current Performance Summary

The total replacement cost of the assets in the poor performance category is approximately \$21 million, which represents approximately 23% of the total asset portfolio. It should be noted that the spending required to restore these assets to the good performance category is not necessarily equal to the replacement cost, since some assets only require rehabilitation while others require replacement with a more expensive asset.

Table ES1: Current Performance by Replacement Value

	Good (No Deficiencies)	Fair (Has Deficiencies)	Poor (Requires Treatment/Spending)	Total
Bayshore WT	\$968,000	\$549,000	\$35,000	\$1,552,000
Lagoon City WT	\$444,500	\$2,607,000	\$3,521,000	\$6,572,500
Davy Dr WT	\$871,000	\$208,250	\$117,000	\$1,196,250
Park Lane WT	\$766,500	\$130,500	\$0	\$897,000
SouthRamara WT	\$392,001	\$1,437,750	\$273,000	\$2,102,751
Ramara Hall WT	\$111,950	\$82,500	\$0	\$194,450
Val Harbour WT	\$423,000	\$498,000	\$500,000	\$1,421,000
Bayshore WWT	\$648,000	\$702,000	\$2,945,000	\$4,295,000
Lagoon City WWT	\$5,209,500	\$7,307,000	\$8,055,000	\$20,571,500
Watermains	\$2,701,090	\$21,889,600	\$2,710,500	\$27,301,190
Sewers	\$9,487,710	\$11,201,400	\$2,822,850	\$23,511,960
Total	\$22,023,251	\$46,613,000	\$20,979,350	\$89,615,601

Spending Forecast

Table ES2 summarizes the spending forecast results to maintain current performance of the systems. An average of approximately \$940,000 per year (in 2022 \$) is needed over the next 20 years to maintain current performance for the water and wastewater systems.

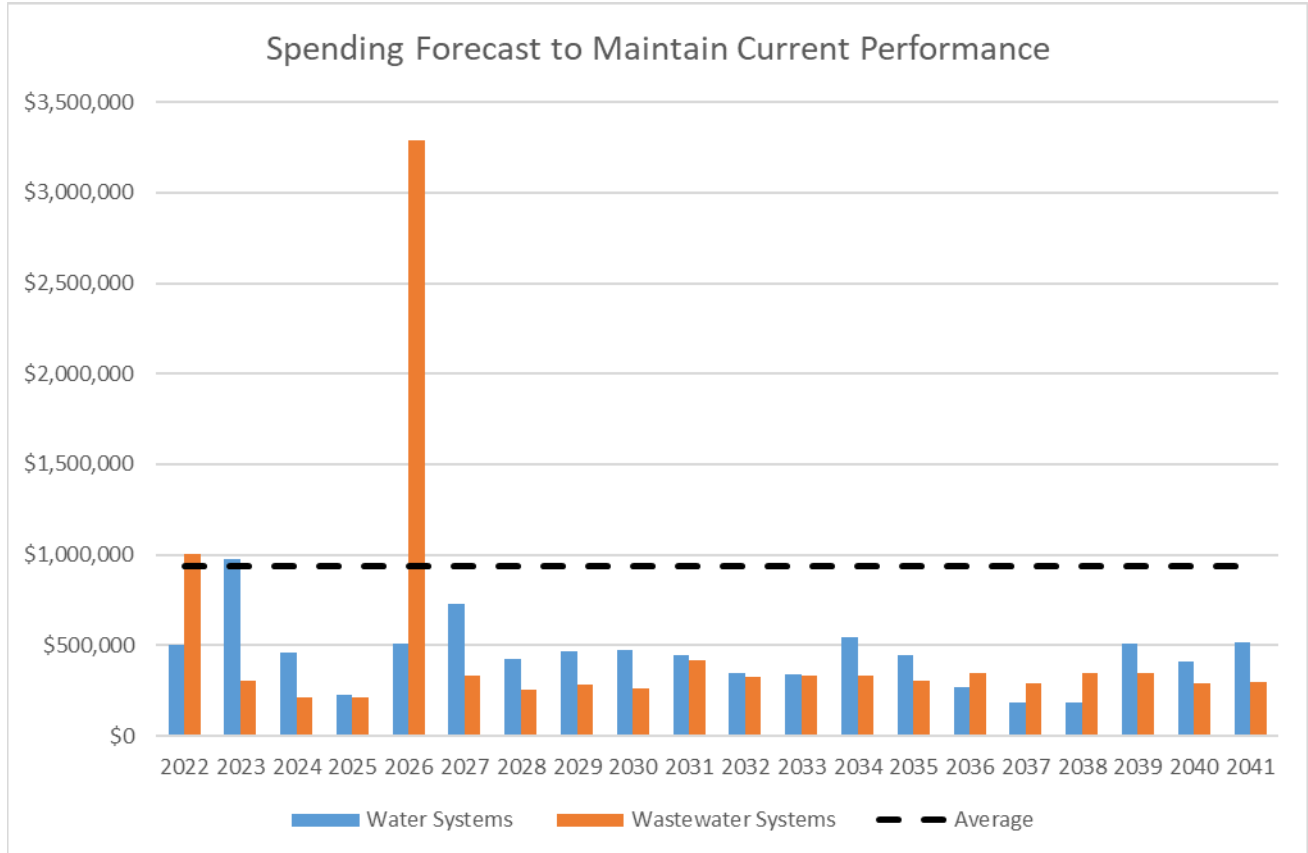


Table ES2: Spending Forecast Summary

Funding Gap

Table ES3 summarizes the funding gap results.

Table ES3: Funding Gap

	Long Term (20 year) Average Annual Spending Need	Planned Long Term Average Annual Spending	Average Annual Long Term Funding Gap
Water	\$450,000	\$305,000	\$145,000
Wastewater	\$490,000	\$430,000	\$60,000
Total	\$940,000	\$735,000	\$205,000

The annual funding gap is approximately \$205,000 per year over the long term. There may also be additional funding gaps associated with two major projects:

1. Bayshore WWTP – there is an ongoing Environmental Assessment to develop a long-term strategy for this facility. The lowest cost option is \$3.1 million with a high estimate of \$23 million (Tatham; 2022). Any amount above \$3.1 million would be additional funding gap.
2. Lagoon City/Brechin WWTP – the current earthen basins for the secondary treatment processes are not suitable over the long term. Further, development in the Brechin to Lagoon City corridor is expected to cause this facility to require expansion in the long term. There is an ongoing study to better define the timing and cost of the required expenditures, which will likely result in additional funding gap.

Financial Strategy

A number of financing strategies are available to address the funding gap. The objective of the Township's financing strategy should be to maximize new growth at the lowest real cost impact to taxpayers (i.e. maximize real revenue growth through expanded customer base and minimize rate increases). This would prioritize the following options:

1. Provincial/Federal Government Grants
2. Internal Financing using Reserves
3. Debt
4. Rate Increases

Future budgets will present the optimal balance of the available financing options to fund the Township's infrastructure program.

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1 INTRODUCTION

1.1 Overview

This Asset Management Plan (AMP) is structured around the relationship between infrastructure spending and asset performance. It is a living document that supports infrastructure decision-making processes and is updated on a periodic (annual) basis to reflect changing circumstances.

1.2 Defining Asset Performance

Asset performance is defined as “the ability of an asset to fulfill the organization’s objectives or requirements”.

The performance of an asset directly relates to the level of service it provides:

- An asset is in the good performance category when it is meeting the expectations of the community (i.e. providing an appropriate level of service); and
- An asset is in the poor performance category when it is not meeting expectations (i.e. not providing an appropriate level of service) and requires spending to have it meet expectations.

The community’s asset performance expectations balance costs and affordability and are therefore unique to each community based on its infrastructure inventory, financial status and community/corporate priorities.

1.3 Provincial Asset Management Planning Requirements

The Province of Ontario developed Regulation 588/17 under the Infrastructure for Jobs and Prosperity Act (2015). The following points summarize the requirements of O.Reg. 588/17:

- An AM policy is required to articulate specific principles and commitments that will guide decisions around when, why and how the Town spends money on infrastructure assets. The Policy is required by July 1, 2019. The Town successfully adopted their AM Policy in 2019.
- By July 1, 2022 the AMP will be required to establish the spending that is required **to maintain current** asset performance expectations for water, wastewater, stormwater, roads and bridges.
- By July 1, 2024 the AMP will be required to establish the spending that is required to **maintain current** asset performance expectations for all asset groups.
- By July 1, 2025 the AMP will be required to establish the spending that is required to **achieve desired** asset performance expectations, and the financial strategy to fund the required spending.

1.4 AMP Development Approach

OCWA’s Asset Stewardship Quality Management System (ASQMS), depicted in Figure 1, is the framework for developing this AMP. The ASQMS shows how technical asset lifecycle strategies connect

to community priorities to develop optimized spending plans that balance service levels and costs. An AMP is a tactical output of the ASQMS.

The ASQMS aligns with Ontario Regulation 588/17 Asset Management Planning for Municipal Infrastructure and the international standard for infrastructure asset management (ISO 55000).



Figure 1: ASQMS Framework

The development of this AMP leverages the Township’s best available asset and financial information, staff input, subject matter expert professional judgement, and AM best practices, to complete the following steps:

1. Develop a complete listing of infrastructure assets to be included in the AMP.
2. Assess current performance (level of service) of the assets based on existing information.
3. Prepare an asset lifecycle management strategy (i.e. spending plan) that achieves the performance expectations of the Township’s infrastructure assets.
4. Determine the gap between required spending levels to achieve asset performance objectives versus planned spending.

1.5 Updating the Asset Management Plan

Periodic updates to this AMP are necessary to reflect the latest information and respond to evolving asset performance expectations in the community. This is typically done annually in conjunction with the Township’s budget processes, or more frequently if required to support funding applications.

1.6 Asset Management Plan Scope

This AMP includes all water and wastewater assets owned by the Township. Section 2 summarizes the infrastructure portfolio.

1.7 Growth Planning

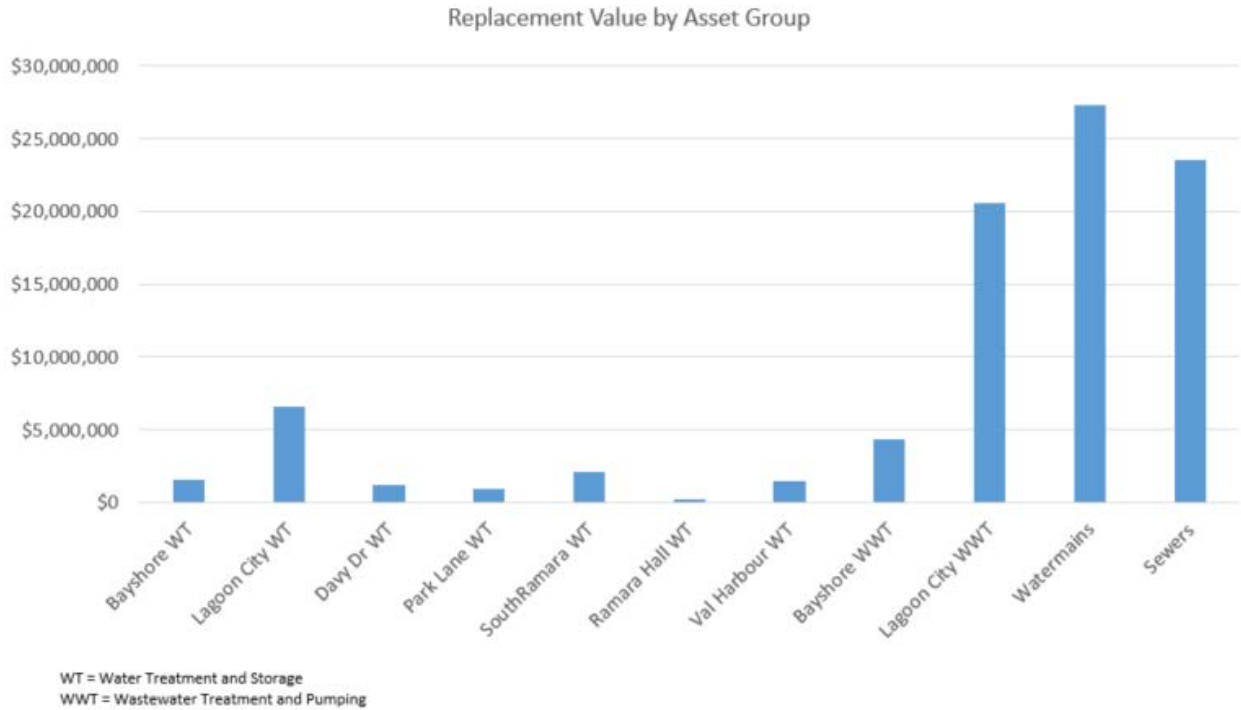
The Water and Wastewater Rate Study (Hemson; 2021) completed a formal growth forecast. The following excerpt from Section 2.A of the Rate Study summarized the growth planning considerations:

As of 2021, the Township has 1,915 equivalent connections that receive water and wastewater services and it is anticipated that the Town will bill 1,954 equivalent connections for both water wastewater services in 2022. For the purposes of this study, it is assumed that most new households will be connected to both water and wastewater services. By the end of the planning period, in 2031, it is expected that the number of connections will increase to about 2,275, averaging about 36 new connections per year. For the purposes of this analysis, the number of new water customers does not always translate into the number of wastewater connections as some areas in the municipality are serviced water only. Therefore, the wastewater billable connection is forecast to increase by about 31 new connections per year.

2 OVERVIEW OF ASSET PORTFOLIO

The infrastructure portfolio has an estimated replacement value of approximately \$90 million (Figure 2).

Figure 2: Ramara’s Water and Wastewater Infrastructure Portfolio



Note: Actual costing values are subject to market forces at the time of infrastructure construction/improvement activity, the above values are based on historical averages and industry standards.

3 ASSET PERFORMANCE ASSESSMENT

As described in Section 1, the new landscape of AM that aligns with ISO 55000 defines asset performance as the ability for an asset to fulfill its objectives or requirements. This means that the performance of an asset is directly proportional to the level of service it provides. Levels of service are also at the core of O.Reg. 588/17, which requires municipalities to understand the cost to achieve higher or lower levels of service.

3.1 Measuring Asset Performance

The Township’s asset inventory contains performance information for all infrastructure assets. This includes information related to both asset condition and asset function. The performance information is from a variety of sources, ranging from sophisticated technologies to investigate the assets to visual observations from qualified professionals.

Asset performance data combines with the professional judgment of subject matter experts to establish the current performance of each asset as defined in Table 2 below.

Table 2: Asset Performance Rating Descriptions

PERFORMANCE CATEGORY	DESCRIPTION	STATE OF ASSET
Good	Asset performance meets or exceeds its objectives/requirements.	No Deficiencies
Fair	Asset performance is nearing the point where it will not meet its objectives/requirements.	Has Deficiencies
Poor	Asset performance is not meeting its objectives/requirements.	Requires Treatment (Spending)

3.2 Current Asset Performance

Figure 3 provides the current performance distribution of each asset group. The proportion of assets in the poor performance category (i.e. are not meeting objectives/requirements) is greatest in the water treatment and water distribution asset groups.

The total replacement cost of the assets in the poor performance category is approximately \$21 million, which represents approximately 23% of the total asset portfolio (Table 3). It should be noted that the spending required to restore these assets to the good performance category is not equal to the replacement costs, since some assets only require rehabilitation while others can require replacement with a more expensive asset.

The performance category of each asset updates continually to reflect new asset data and changing asset performance objectives or requirements.

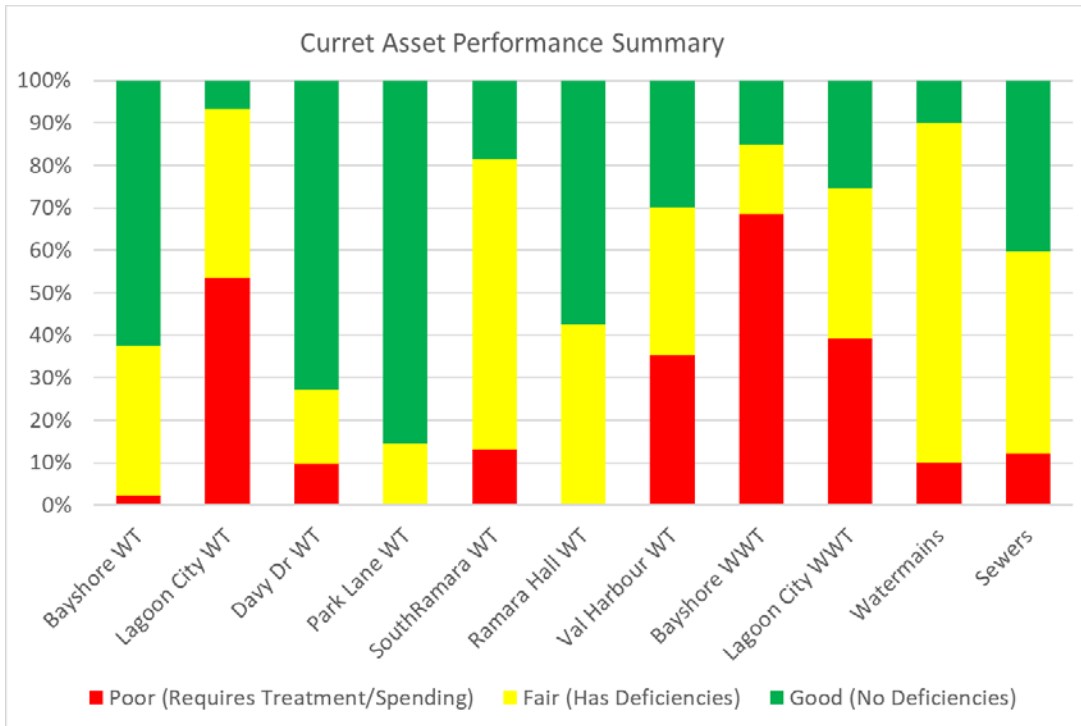


Figure 3: Current Performance Distribution

Table 3: Current Performance by Replacement Value

	Good (No Deficiencies)	Fair (Has Deficiencies)	Poor (Requires Treatment/Spending)	Total
Bayshore WT	\$968,000	\$549,000	\$35,000	\$1,552,000
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Watermains	\$2,701,090	\$21,889,600	\$2,710,500	\$27,301,190
Sewers	\$9,487,710	\$11,201,400	\$2,822,850	\$23,511,960
Total	\$22,023,251	\$46,613,000	\$20,979,350	\$89,615,601

4 ASSET LIFECYCLE MANAGEMENT

4.1 Asset Lifecycle Activities Overview

Table 4 provides an overview of typical asset lifecycle activities that are applied to public infrastructure. The spending forecasts in this section represent a combination of major maintenance, rehabilitation, replacement and new asset lifecycle activities.

Table 4: Typical Asset Lifecycle Activities

LIFECYCLE ACTIVITY	DESCRIPTION
Operational	Operational activities, routine preventative maintenance, studies on asset performance
(Major) Maintenance	Repairs and component replacement to maintain asset performance, typically costing between 5-10% of asset replacement value.
Rehabilitation	Project to extend asset service life, typically costing between 15% - 40% of asset replacement value.
Replacement	A project resulting in a replacement of an asset with one asset that meets top industry and community expectations.
New Asset	Construction or purchase of new assets that results in net growth of the asset inventory and an enhancement in service levels provided to the community.

4.2 Spending Forecast

4.2.1 Approach

The analysis approach involves connecting real planned projects against specific assets where feasible and iteratively adjusting annual spending levels until the forecasted performance distribution will be relatively stable (i.e. the proportion of the asset network in the poor performance category is consistent).

For example, Figure 4 shows a scenario where there is not sufficient spending, resulting in the proportion of assets in the poor performance category increasing from 5% in 2021 to 90% in 2040, and a declining trend in the Network Average performance index.

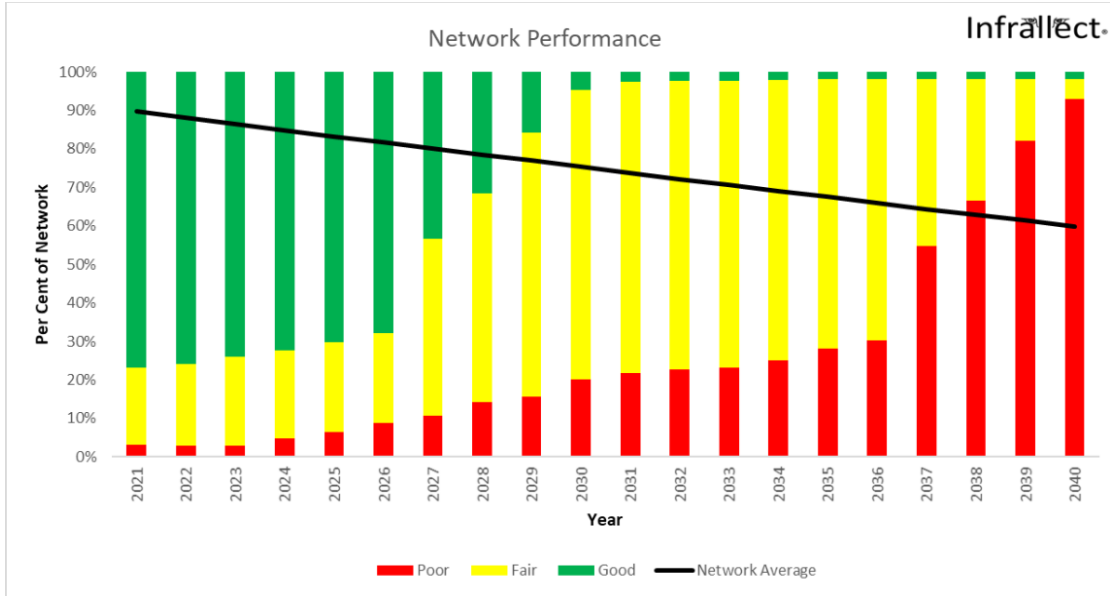


Figure 4: Sample Performance Forecast

4.2.2 Results

Figure 5 to Figure 14 provide the performance and spending forecasts for each asset group. Figure 15 provides the summary of spending needs.

Figure 5: Bayshore Water Treatment Performance Forecast

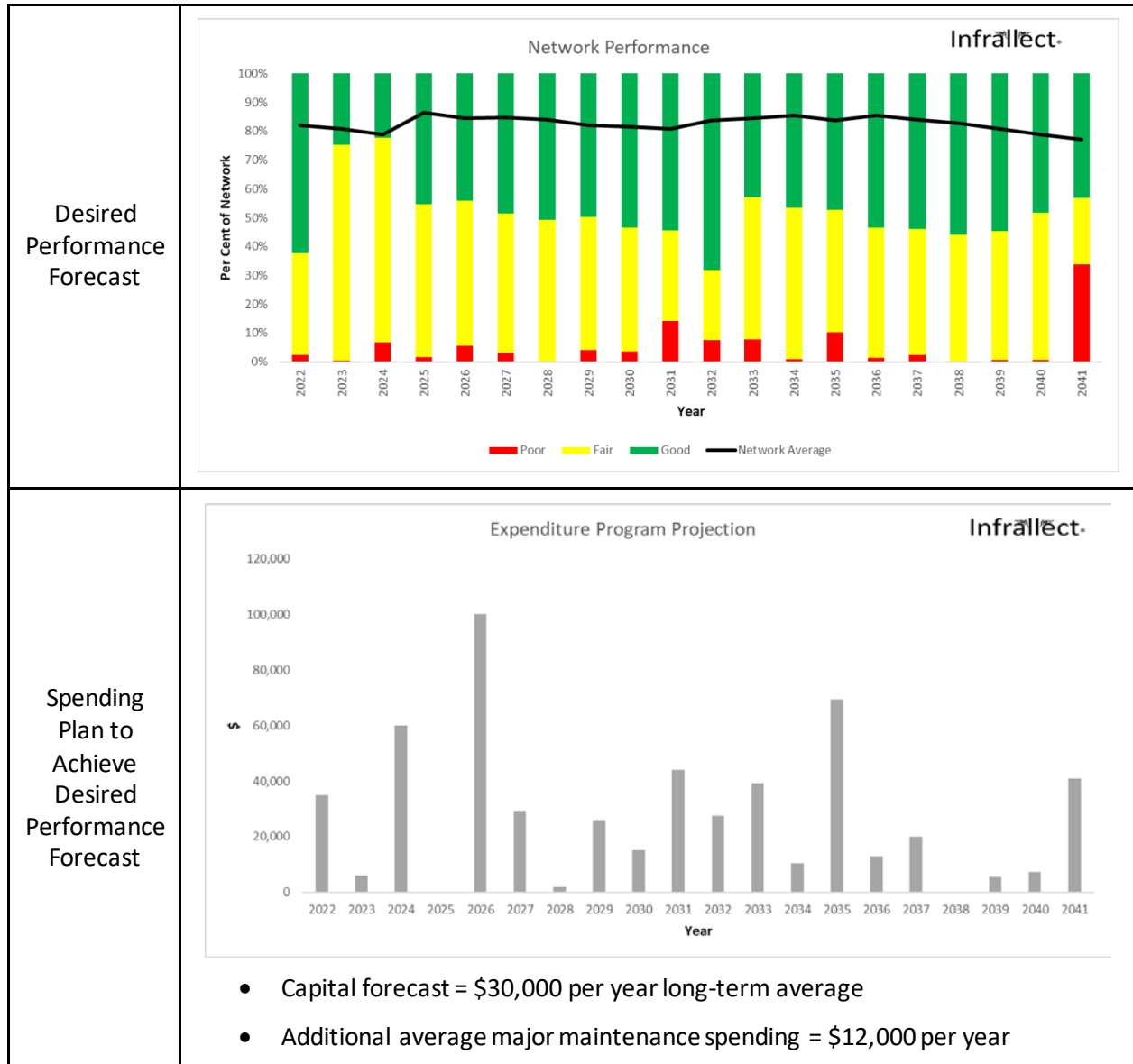


Figure 6: Lagoon City/Brechin Water Treatment and Storage Forecast

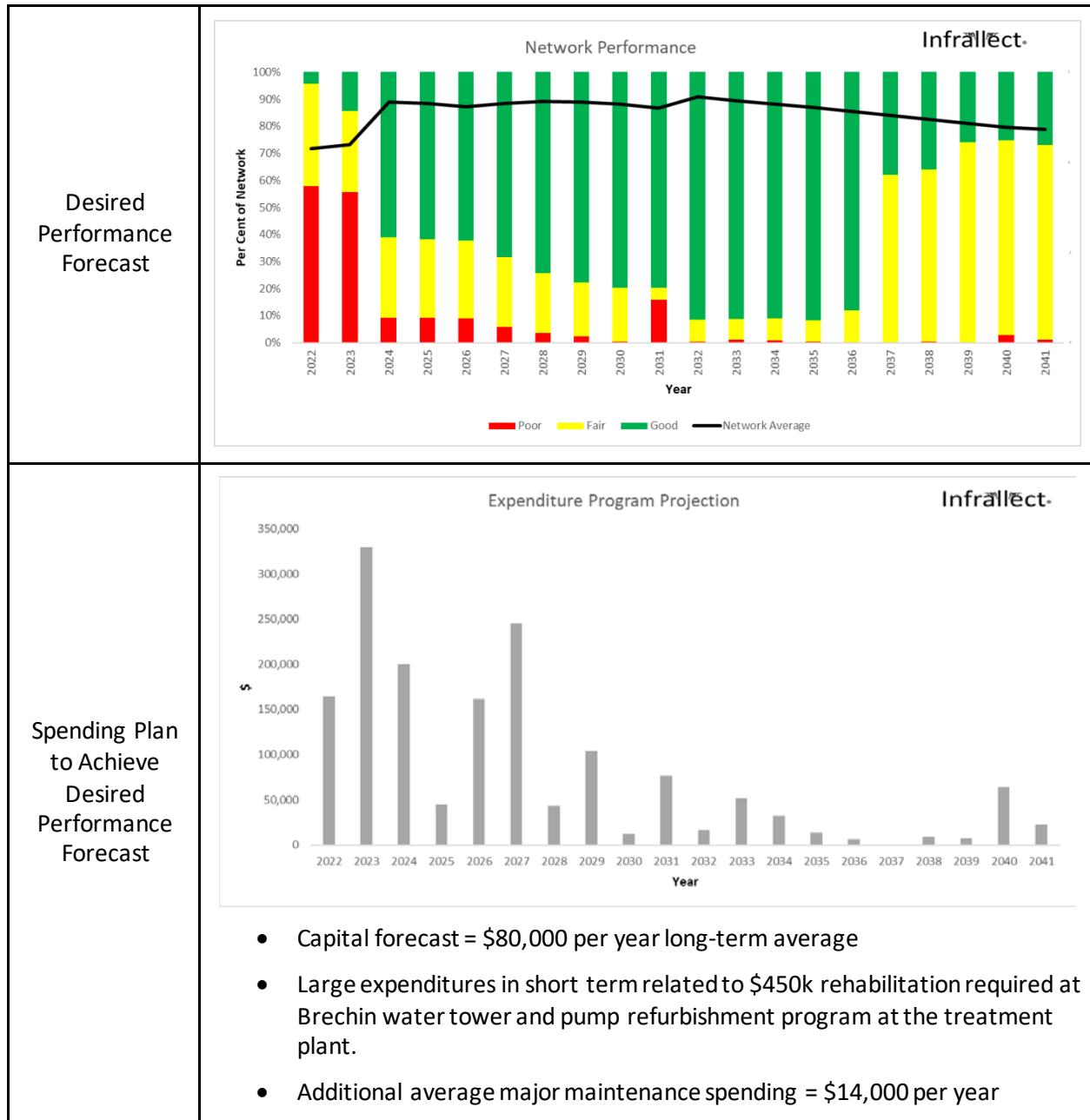


Figure 7: Davy Drive Water Treatment Performance Forecast

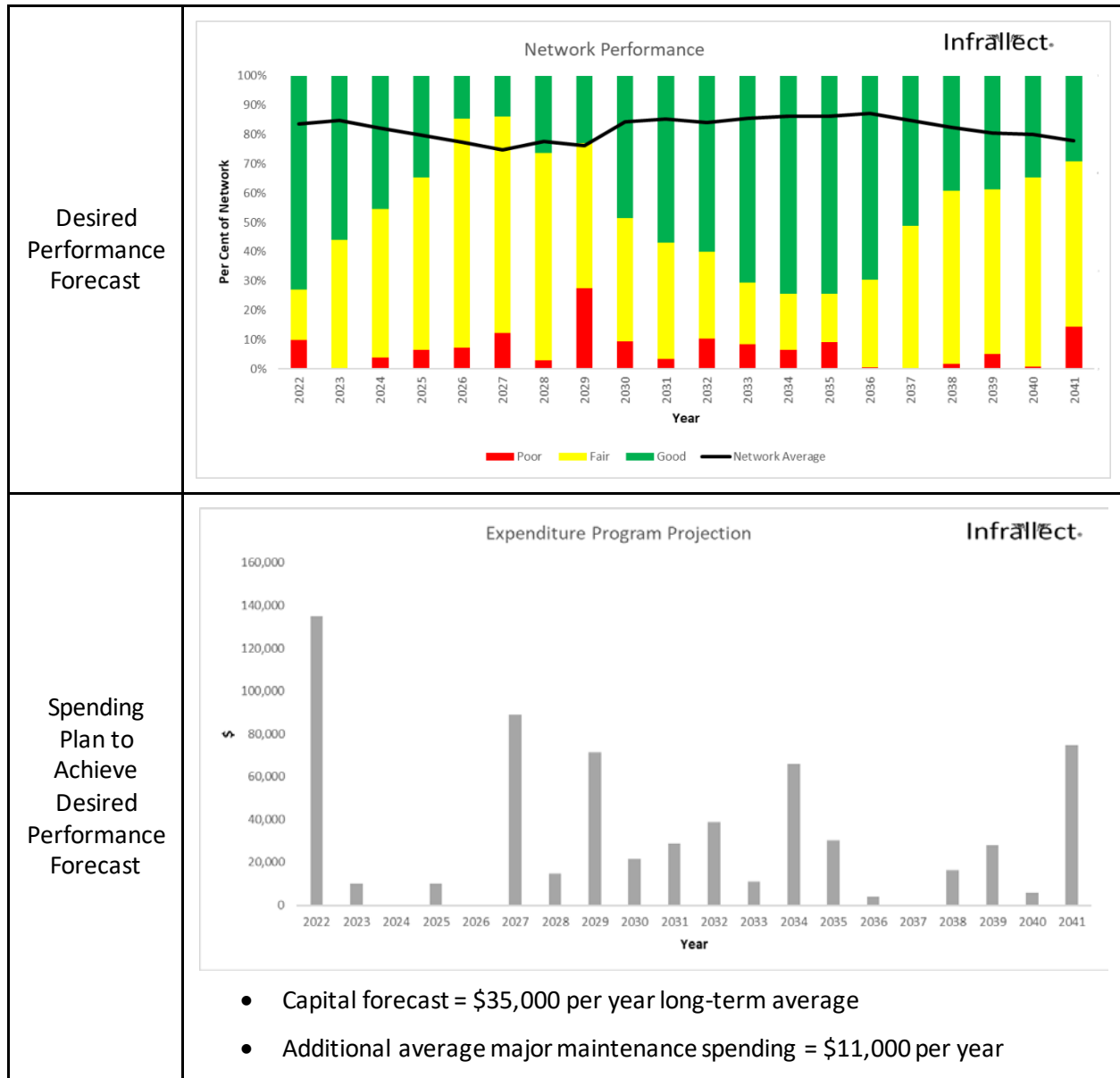


Figure 8: Park Lane Water Treatment Performance Forecast

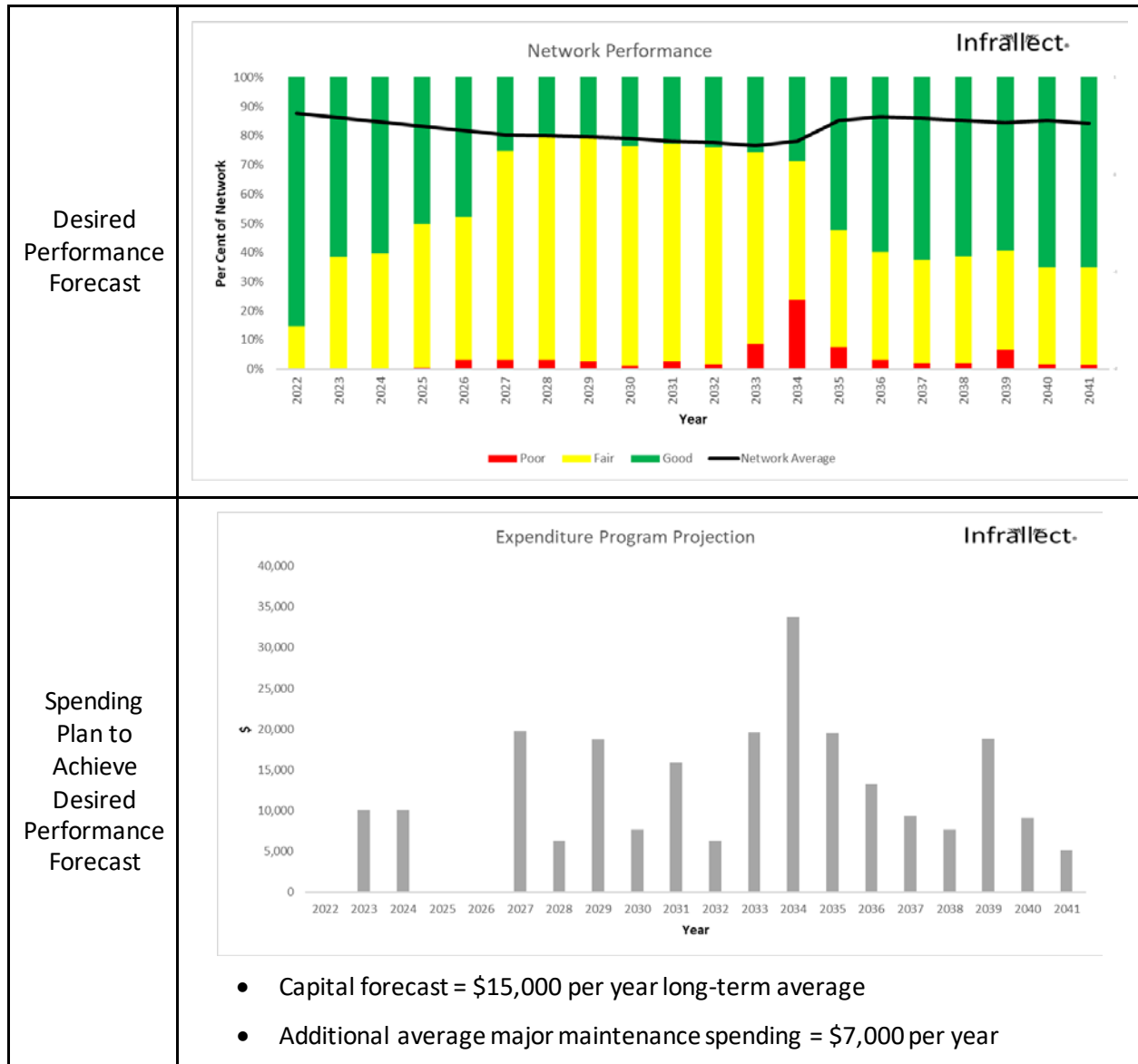


Figure 9: South Ramara Water Treatment Performance Forecast

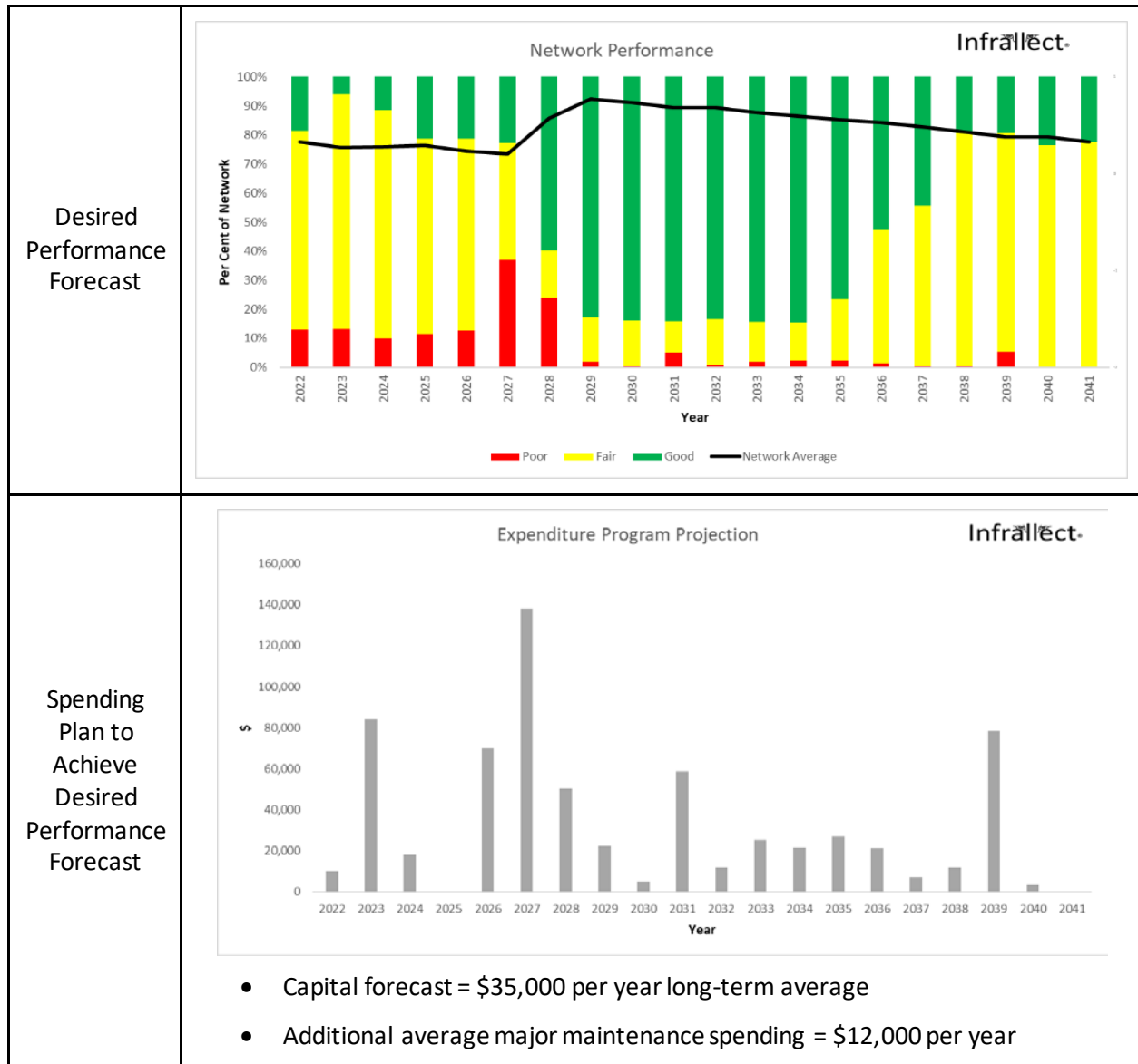


Figure 10: Ramara Hall Water Treatment Performance Forecast

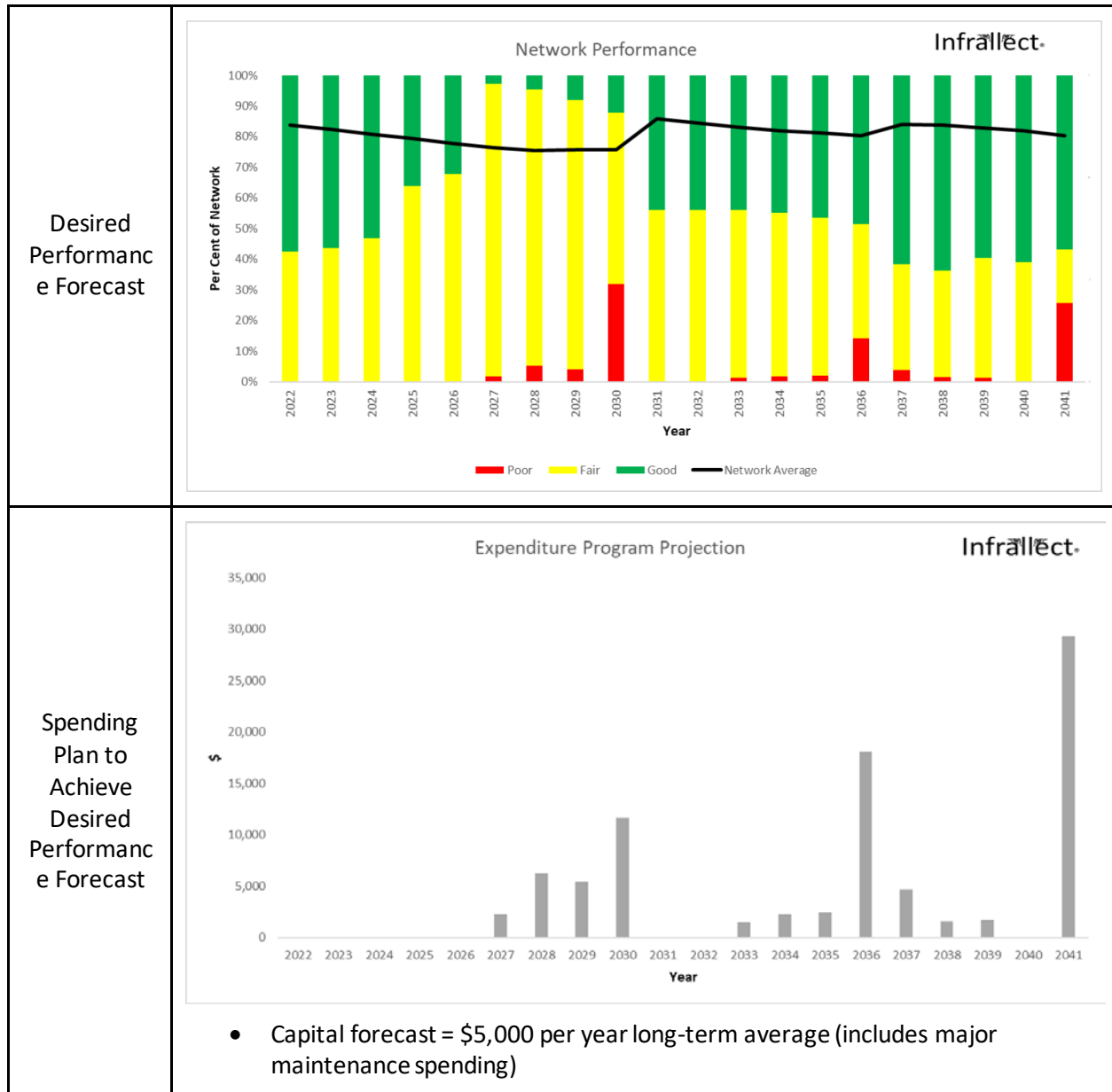


Figure 11: Val Harbour Water Treatment Performance Forecast

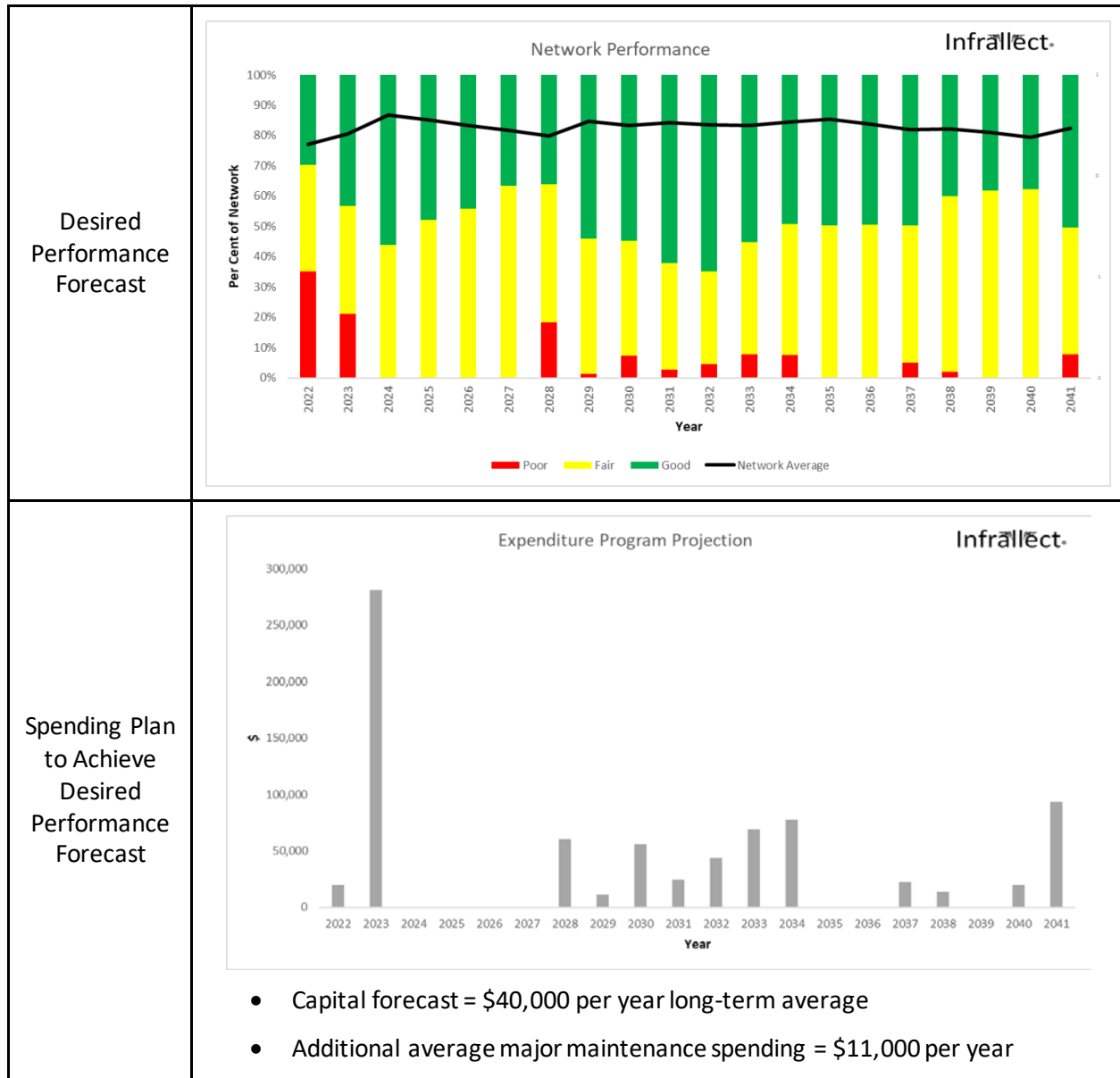


Figure 12: Bayshore Wastewater Treatment and Pumping Performance Forecast

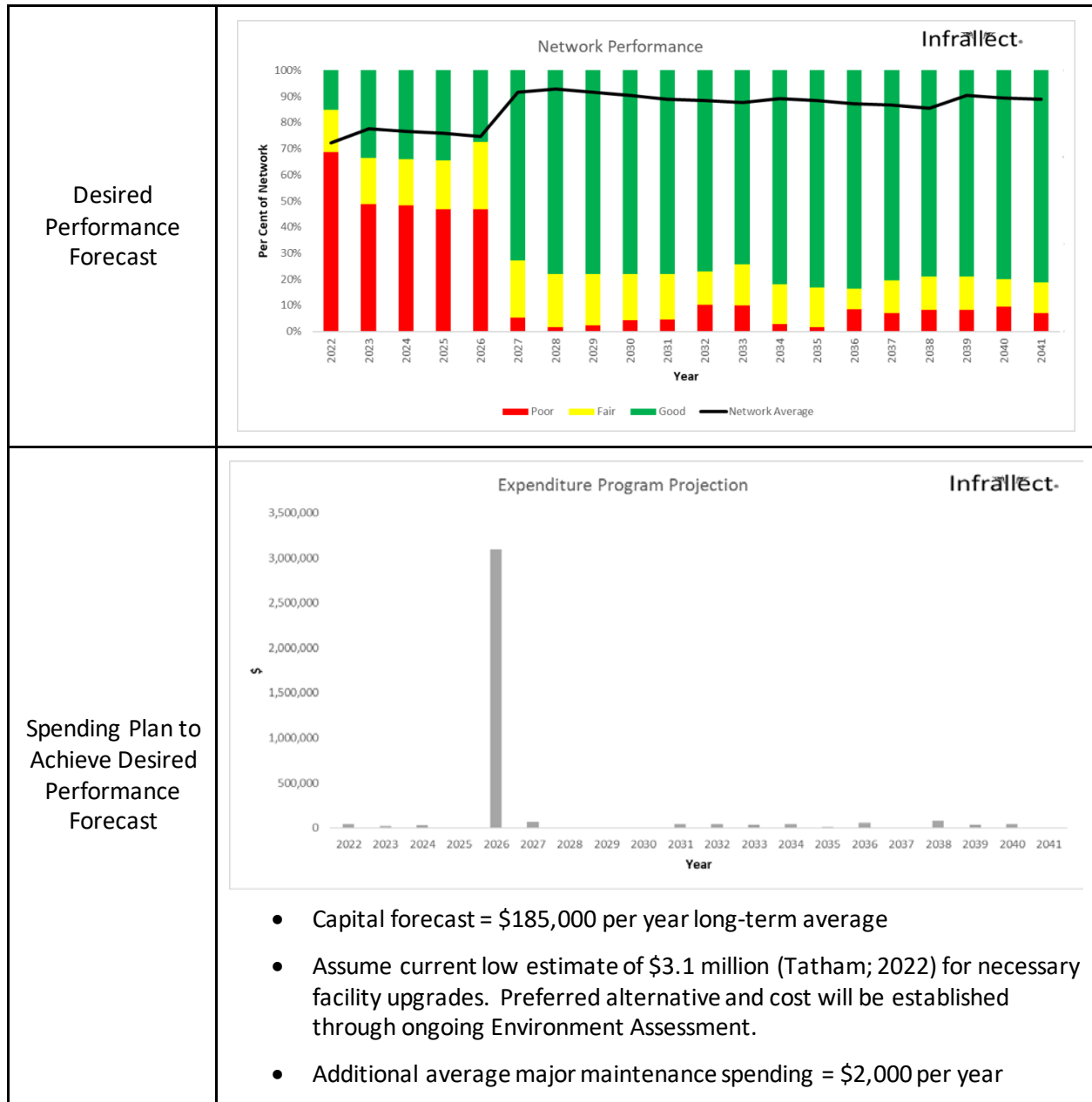


Figure 13: Lagoon City/Brechin Wastewater Treatment and Pumping Performance Forecast

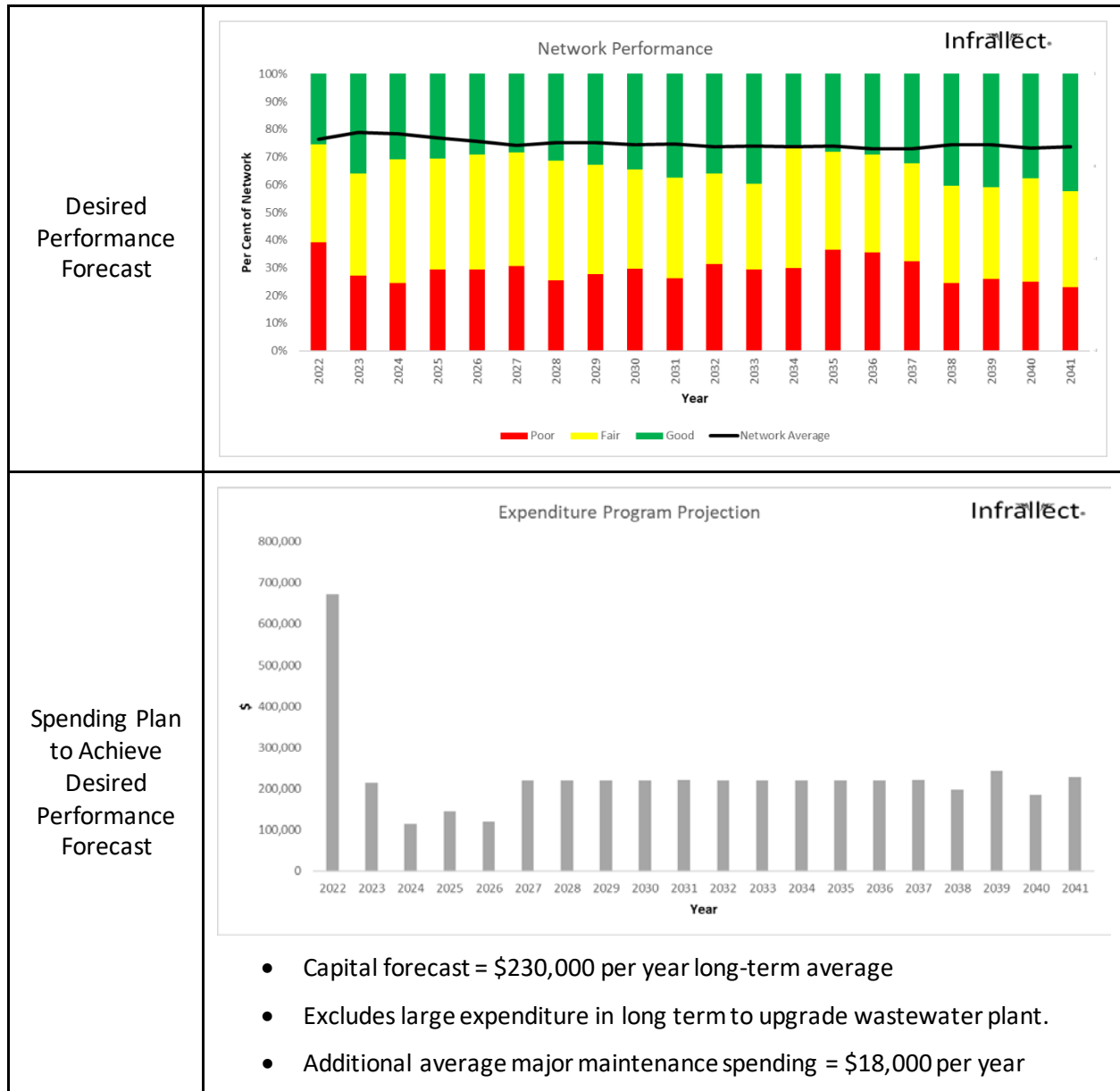


Figure 14: Water Distribution Performance Forecast

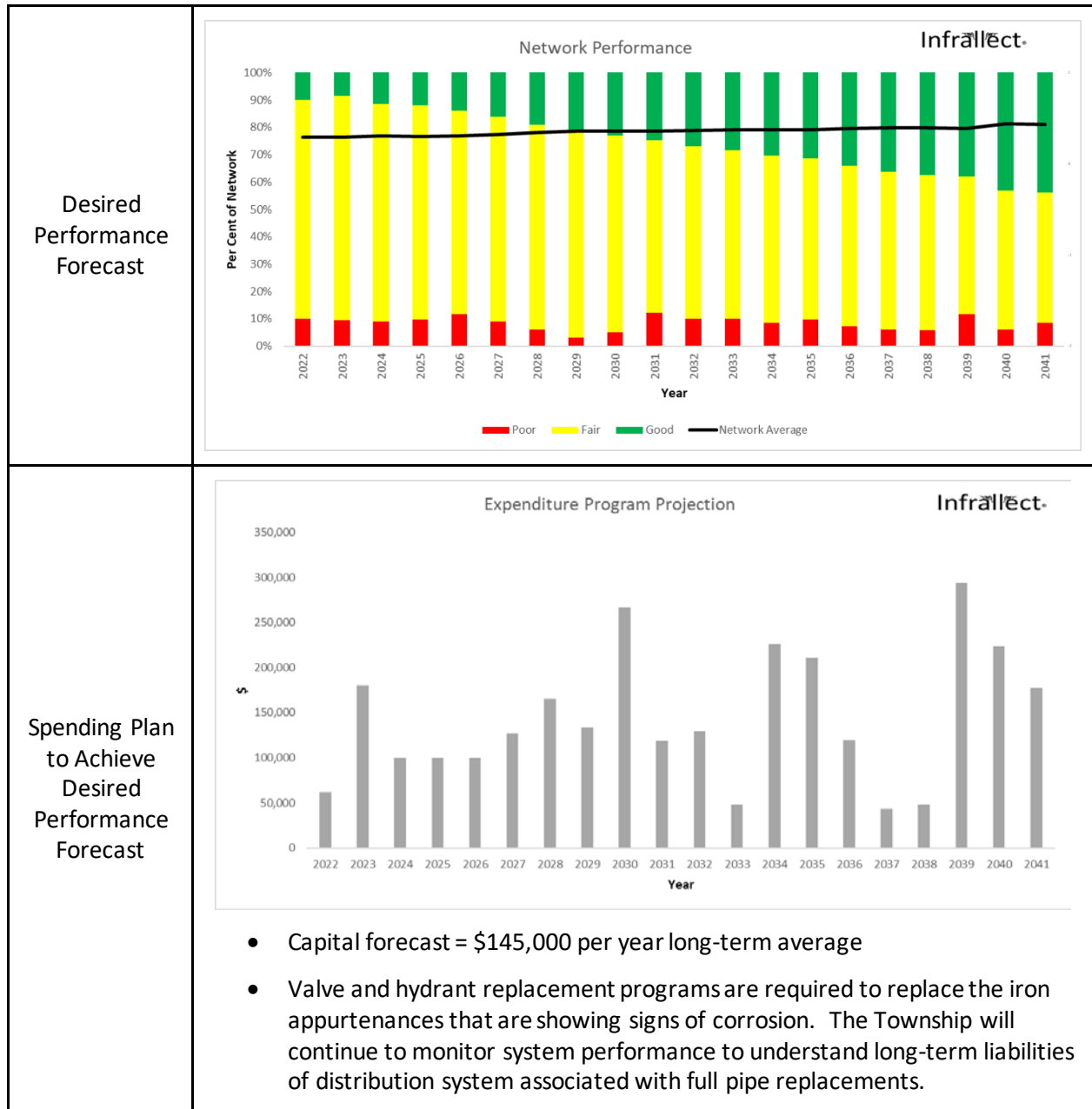
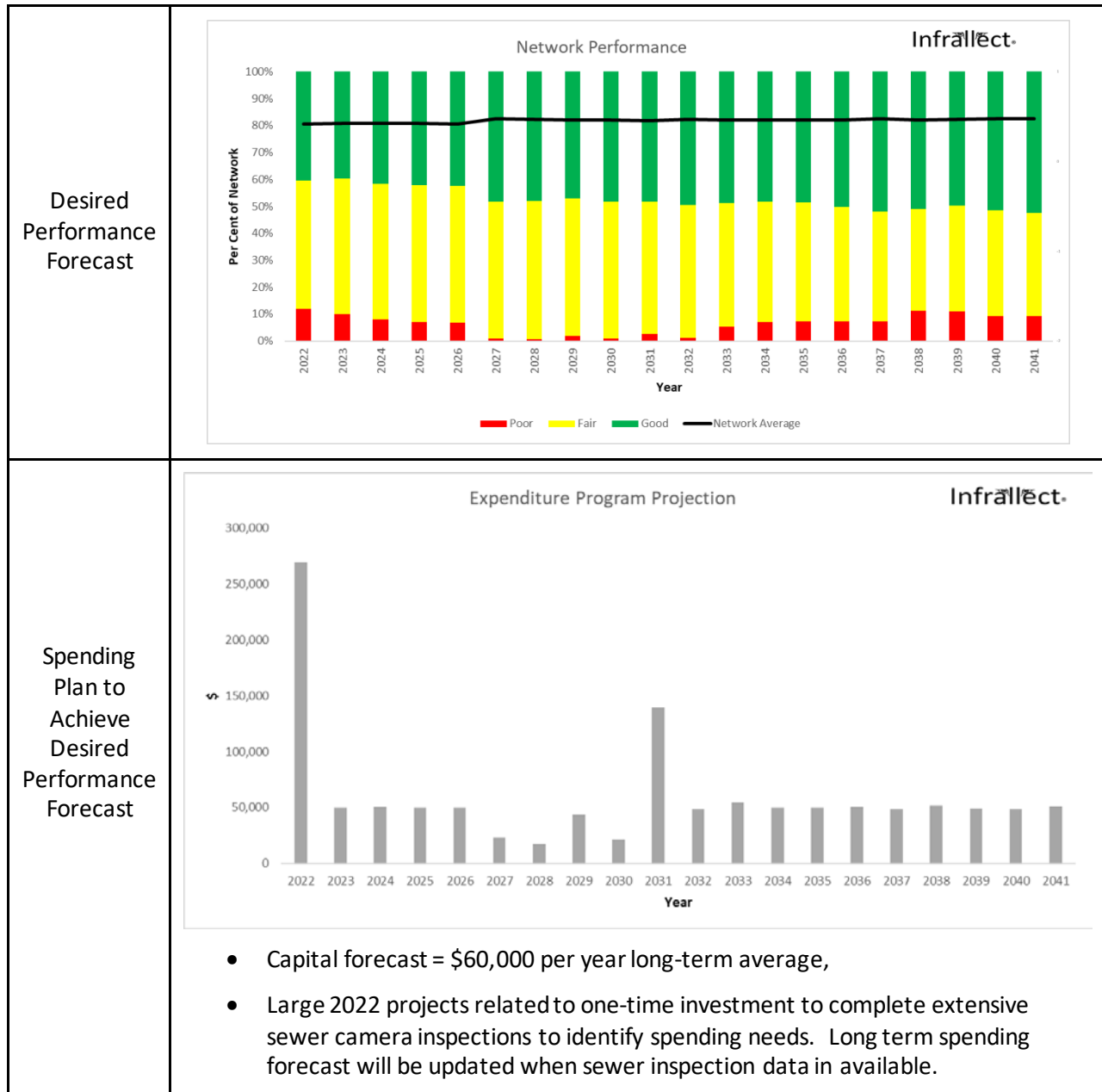


Figure 15: Wastewater Collection Performance Forecast



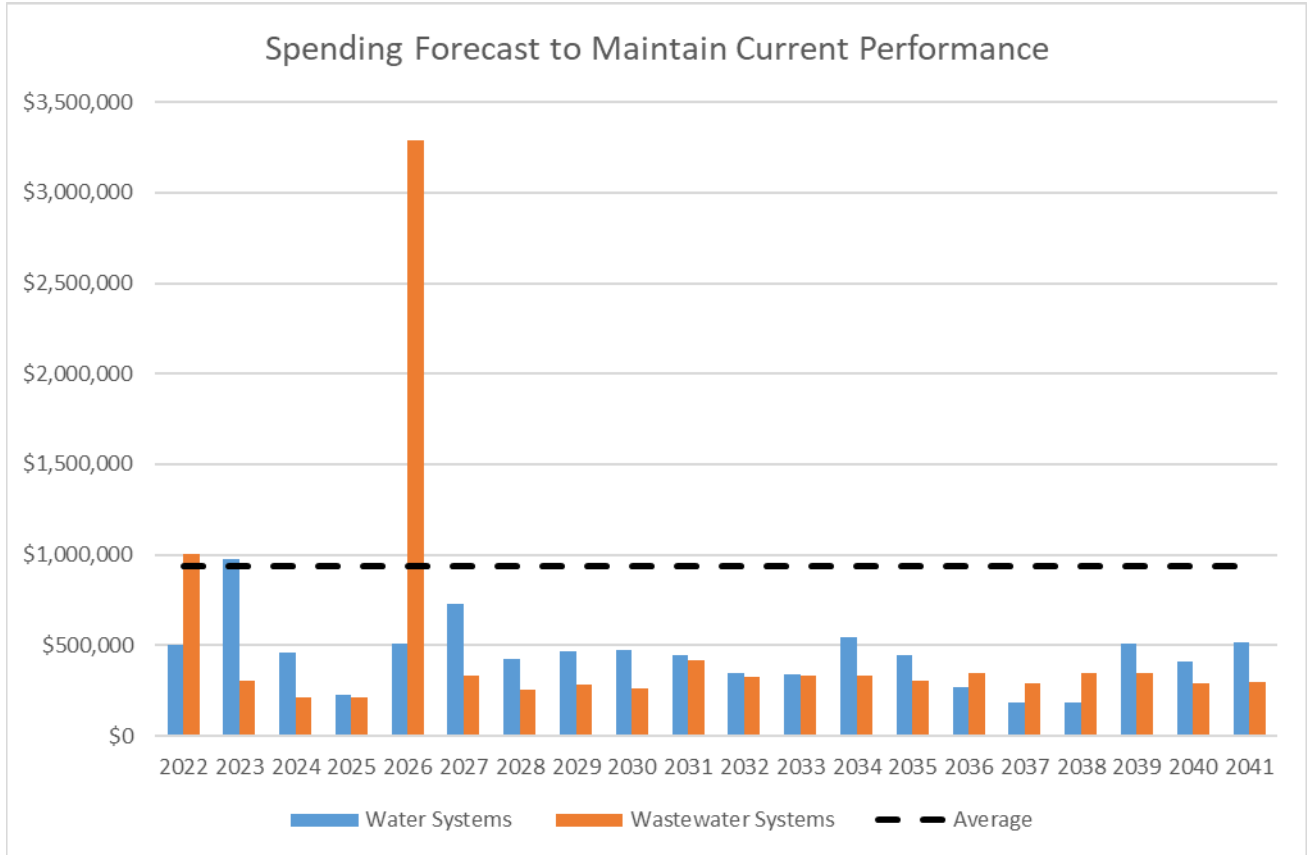


Figure 15: Spending Forecast Summary

Figure 15 summarizes the spending forecast results to maintain current performance of the systems. An average of approximately \$940,000 per year (in 2022 \$) is needed over the next 20 years to maintain current performance for the water and wastewater systems. This average annual spending need includes the current low estimate of \$3.1 million for the upgrades required to the Bayshore Wastewater Treatment Plant. There are no costs associated with the future large upgrade of the Brechin/Lagoon City Wastewater Treatment Plant. Additional discussion on these costs are included in Section 4.4.

4.3 Planned Capital Spending

The Township recently completed a Rate Study (Hemson; 2021) which included approximately \$7.35 million in non-growth related capital spending over a 10-year period, split \$3.05 million for the water system and \$4.30 million for the wastewater system. This includes \$2.0 million to upgrade the Bayshore WWTP.

4.4 Funding Gap Summary

Table 5 summarizes the funding gap results.

Table 5 - Funding Gap

	Long Term (20 year) Average Annual Spending Need	Planned Long Term Average Annual Spending	Average Annual Long Term Funding Gap
Water	\$450,000	\$305,000	\$145,000
Wastewater	\$490,000	\$430,000	\$60,000
Total	\$940,000	\$735,000	\$205,000

The annual funding gap is approximately \$205,000 per year over the long term. There may also be additional funding gaps associated with two major projects:

1. Bayshore WWTP – there is an ongoing Environmental Assessment to develop a long-term strategy for this facility. The lowest cost option is \$3.1 million with a high estimate of \$23 million (Tatham; 2022). Any amount above \$3.1 million would be additional funding gap.
2. Lagoon City/Brechin WWTP – the current earthen basins for the secondary treatment processes are not suitable over the long term. Further, development in the Brechin to Lagoon City corridor are expected to cause this facility to require expansion in the long term. There is an ongoing study to better define the timing and cost of the required expenditures, which will likely result in additional funding gap.

The funding gap will be updated as new information on the spending required for these two projects becomes available.

4.5 Risk Management

The approach to managing risk in this AMP is to consider the overall criticality of each asset related to the role it plays in providing services to the community. This is completed by considering the required performance of each asset based on its location, function, size, etc. This understanding is used to judge when an asset is not meeting its objectives or requirements based on the available technical performance indicators and expert subject matter judgement. More critical assets have higher performance expectations, while less critical assets have lower performance expectations.

4.6 Managing Climate Change

The expected impacts of climate change have been considered and included throughout the analysis used to inform this AMP. This includes consideration of climate change when establishing the current performance category of an asset, forecasting the deterioration rate of an asset, or establishing the lifecycle activities completed on an asset.

The most prominent climate factors affecting the Township's water and wastewater infrastructure are severe wet weather events, prolonged periods of cold weather, and prolonged periods of heat or drought:

- *Climate Factor 1 - Severe Wet Weather Events*

Severe wet weather events put added strain on the wastewater collection and treatment systems. This strain can lead to additional overflows or a reduction in treatment effectiveness. At this point, this climate factor is not causing any specific performance deficiencies. The Township should continue to monitor the impacts of severe wet weather events on the wastewater collection and treatment system. The

- *Climate Factor 2 – Periods of Prolonged Cold*

This climate factor can reduce wastewater plant performance by slowing down the biological treatment processes. At this point, this climate factor is not causing any specific performance deficiencies. The Township should continue to monitor the impacts of periods of prolonged cold on the lagoons.

- *Climate Factor 3 – Periods of Prolonged Heat or Drought*

This climate factor can lead to more days of high peak water demand and reductions to the quantity and/or quality of source water. At this point, this climate factor is not causing any specific performance deficiencies. The Township should continue to monitor the impacts of periods of prolonged heat or drought on the water supply and storage system.

5 FINANCING STRATEGY

5.1 Financial Overview

The Rate Study determined that a 2% rate increase was appropriate to fund approximately \$7.35 million in capital expenditures over the next 10 years (\$3.0 million water, \$4.35 wastewater) and to grow water and wastewater reserves to \$3.0 million and \$2.5 million, respectively, by 2031. This financial strategy included approximately \$1.0 million in new water debt and \$2.8 million in new wastewater debt over the 10 year planning horizon. \$2.0 million of the new wastewater debt is for the Bayshore WWTP in 2026.

As identified in Section 4.4, the long-term funding shortfall is approximately \$205,000 per year. The funding shortfall is even greater if the Bayshore WWTP requires expenditures that exceed \$3.1 million and when the costs for future the Lagoon City/Brechin WWTP upgrade are considered. Therefore, the rate increases recommended in the Rate Study are insufficient to both address the funding gap and build a reserve balance.

Section 5.2 outlines the financing strategies available to the Township to address the funding gap.

5.2 Financing Strategy

The Township uses a pay-as-you-go capital financing strategy for routine spending to maintain and repair the water and wastewater systems. Reserve funds and debt are used to finance large, sporadic projects. This is typical in smaller municipalities where accessing capital markets to minimize the cost of financing infrastructure is not common, and building reserve funds is preferred over incurring debt.

A number of financing strategies are available to address the funding gap. The objective of the Township's financing strategy should be to maximize new growth at the lowest real cost impact to taxpayers (i.e. maximize real revenue growth through expanded customer base, minimize rate increases). This would prioritize the following options:

1. Provincial/Federal Government Specific Grants
2. Internal Financing using Reserves
3. Debt
4. Rate Increases

Future budgets will present the optimal balance of the available financing options to fund the Township's infrastructure program.

5.3 Reserves versus Debt to fund Future Large Projects

The decision about how much more to raise rates to build reserve balances to fund future large projects at the Bayshore and Lagoon City/Brechin WWTPs is a corporate risk discussion that is the prerogative of the Township. The Township should weigh the risks and benefits of continuing to increase reserve balances to prepare for the future projects, versus waiting to issue debt until a project is required.

6 DISCUSSION AND NEXT STEPS

This AMP represents the tactical output of a corporate management system. The corporate management system is the series of interconnected processes that work together to realize value from assets. This AMP uses the best available asset and financial information. The AMP is a living document that requires periodic updates to reflect new information and changing community priorities.

6.1 Monitoring Asset Performance

Moving forward, regulations require the Township to provide an annual update on the progress of the AMP. The practical steps to complete these activities are as follows:

1. Each year, update the asset inventory with the best available asset data. This ensures that assets are added/removed as appropriate and any new technical performance indicator data is used to adjust the current performance category of assets.
2. Each year, update current asset performance based on the best available information.
3. Each year, update the spending analysis to understand what assets money was spent on and to connect planned spending to assets or asset networks.

These three steps will allow for an update of the forecast performance versus spending analysis. Over time, the Township will be able to see connections between the changing performance and annual spending levels. This will increase the confidence of the Township's AMPs each year.

6.2 Roadmap for Enhancing Asset Management Processes

The following points provide a roadmap to enhance asset management planning processes in the Township:

1. Continue to maintain the inventory of all assets owned. Asset inventories should be comprehensive of all assets in an asset network.
2. Continue to strengthen the connection between actual or planned spending and specific assets (or asset networks). This will provide greater line of sight from the current or planned spending and the resulting performance improvement in an asset or asset network.
3. Continue to strengthen the quality of asset-centric performance indicator data that is available to measure the current performance of assets and asset networks. A priority data collection activity for the Township is to complete camera inspections of the gravity wastewater collection system.
4. Engage the community to understand their current perspective on the performance of assets and asset networks. This understanding calibrates the current performance of the asset networks and prioritizes the allocation of funding to improve the performance of asset networks relative to community expectations.

Appendix A – Performance Indicator Tracking

Name	System Type	Indicator	2016	2017	2018	2019	2020
Val Harbour	Water Treatment	Boil Water Advisory	0	0	0	0	0
		Adverse Water Quality Incident (AWQI)	0	0	0	0	3
		Watermain Breaks	0	0	0	0	0
Davy Drive	Water Treatment	Boil Water Advisory	0	0	0	0	0
		Adverse Water Quality Incident (AWQI)	0	0	0	0	2
		Watermain Breaks	0	1 (7249 Davy Dr.)	1	0	0
Park Lane	Water Treatment	Boil Water Advisory	0	0	0	0	0
		Adverse Water Quality Incident (AWQI)	0	0	0	0	1
		Watermain Breaks	0	3 (water service repairs)	1 (main break)	1 (water service repair)	0
Lagoon City	Water Treatment	Boil Water Advisory	0	0	0	0	0
		Adverse Water Quality Incident (AWQI)	0	0	0	0	1
		Watermain Breaks	2 (Lake Ave and Turtle path)	1 (Beaver Trail)	1 (Laguna Parkway)	1 (Lake Ave)	0
Bayshore	Water Treatment	Boil Water Advisory	0	0	1	0	0
		Adverse Water Quality Incident (AWQI)	0	0	0	2	2
		Watermain Breaks	0	0	1 (at plant)	0	0
South Ramara	Water Treatment	Boil Water Advisory	0	0	0	0	0
		Adverse Water Quality Incident (AWQI)	0	0	0	0	1
		Watermain Breaks	0	0	0	0	0
Lagoon City	Wastewater	Effluent Non-Compliance	not readily available	1 (TSS in January)	1 (pH in October)	0	0
		Bypass event	not readily available	0	0	0	0
		Spill event	not readily available	0	0	0	1 (manhole 127A overflow)
		Community Complaint	not readily available	0	0	0	0
Bayshore	Wastewater				Average daily application rate exceeded due to wet weather	Average daily application rate exceeded due to wet weather	Average daily application rate exceeded due to wet weather, Rated capacity exceeded 100%
		Effluent Non-Compliance	not readily available	0	0	0	0
		Bypass event	not readily available	0	0	0	0
		Spill event	not readily available	0	0	0	0
		Community Complaint	not readily available	0	0	0	0

O. Reg. 588/17 Mandatory Metrics			
Asset Group	Metric	Result	Comment
Water	User groups or areas that are connected to the municipal water system	Most properties within the settlements of Brechin, Lagoon City, Val Harbour, Bayshore, Davy Drive and Park Lane are connected to the municipal water system.	
Water	User groups or areas that have fire flow	All properties connected to the municipal water system have some fire flow coverage.	
Water	Percentage of properties connected to the municipal water system	27%	6337 Total Parcels, 1734 water users
Water	Percentage of properties where fire flow is available	27%	Assume all properties connected to municipal system have fire flow.
Water	Description of boil water advisories and service interruptions	No Boil Water Advisories	
Water	Number of connection-days per year where a boil water advisory notice is in place compared to the total number of properties connected to the municipal water system	0 boil water advisories, 1734 water users	Note: Metric results in units of 'days' which is a meaningless statistic. Province needs to better define this metric.
Water	Number of connection-days per year due to water main breaks compared to the total number of properties connected to the municipal water system	0 watermain breaks, 1734 water users	Assume Oreg metric is missing "disrupted", i.e. text should read "Number of disrupted connection-days per year due to water main breaks compared to the total number of properties connected to the municipal water system.
Water	Average Age of Water Treatment Assets	26 Years	
Water	Average Age of Water Distribution Assets	40 Years	

O. Reg. 588/17 Mandatory Metrics			
Asset Group	Metric	Result	Comment
Wastewater	User groups or areas that are connected to the municipal wastewater system	Most properties within the settlements of Brechin, Lagoon City and Bayshore are connected to the municipal wastewater system.	
Wastewater	Percentage of properties connected to the municipal wastewater system	22%	6337 Total Parcels, 1375 sewer users
Wastewater	Description of how combined sewers in the municipal wastewater system are designed with overflow structures in place (to prevent backups into homes by allowing overflow during storm events)	N/A - no combined sewers	
Wastewater	Description of the frequency and volume of overflows in combined sewers in the municipal wastewater system that occur in habitable areas or beaches	N/A - no combined sewers	
Wastewater	Description of how stormwater can get into sanitary sewers in the municipal wastewater system, causing sewage to overflow into streets or backup into homes	Infiltration inflow into sanitary sewers in both groundwater and stormwater which are not intended to be in sanitary system. Infiltration can enter through a variety of sources (cracks in pipes, weeping tile connections, cross connection, catch basins, etc.).	
Wastewater	Description of how sanitary sewers in the municipal wastewater system are designed to be resilient to avoid sewage overflow into streets or backup into homes	Sanitary sewer systems are designed with appropriate overflows to reduce likelihood of sewer backup events. Overflows are typically found in the collection system or at pumping stations.	
Wastewater	Description of the effluent that is discharged from sewage treatment plants in the municipal wastewater system	Effluent can be defined as water pollution, such as the outflow from a sewage treatment facility. The effluent from the treatment facilities have documented compliance limits, objectives, and actual performance. The effluent criteria include effluent flow rates, and parameters for suspended solids, Biochemical Oxygen Demand (BOD), phosphorous, ammonia, and E. coli.	
Wastewater	The number of connection-days per year due to wastewater backups compared to the total number of properties connected to the municipal wastewater system.	0 backups, 1375 wastewater connections	Note: Metric results in units of 'days' which is a meaningless statistic. Province needs to better define this metric.
Wastewater	Annual number of events where combined sewer flow in the municipal wastewater system exceeds system capacity compared to the total number of properties connected to the municipal wastewater system.	N/A - no combined sewers	
Wastewater	The number of effluent violations per year due to wastewater discharge compared to the total number of properties connected to the municipal wastewater system.	Average daily application rate exceeded at Bayshore WWTP due to wet weather, Rated capacity exceeded 100%. 1900 wastewater connections.	
Wastewater	Average Age of Wastewater Treatment and Pumping Assets	27 Years	
Wastewater	Average Age of Wastewater Collection Assets	36 Years	

Davy Drive WT												\$1,196,250				
Index#	Asset	Asset Description	Status	Asset Class	Asset Subclass	Location	Location Description	Installation Dt	Replacement Cg	Value	2021 Performance Score Rationale	Asset Performance	2022 Performance Score Rationale			
1	000034327	PANEL CONTROL HEAT TRACE	OPERATING	PANEL	CONTROL	1611-WTDD	1611, Davy Drive DWS	2011	\$10,000	0.75		0.75				
2	000034338	TANK PRESSURE	OPERATING	TANK	PRESSURE	1611-WTDD	1611, Davy Drive DWS	1995	\$2,000	0.45		0.45				
3	000034344	FAN EXHAUST	OPERATING	FAN		1611-WTDD-F-HV	1611, Davy Drive DWS, Facility, Heating Ventilation Air Conditioning	1995	\$2,000	0.4		0.4				
4	000034341	FAN EXHAUST GENERATOR	OPERATING	FAN		1611-WTDD-F-HV	1611, Davy Drive DWS, Facility, Heating Ventilation Air Conditioning	1995	\$1,000	0.35		0.35				
5	000034361	HEATER ELECTRIC	OPERATING	HEATER	ELECTRIC	1611-WTDD-F-HV	1611, Davy Drive DWS, Facility, Heating Ventilation Air Conditioning	1995	\$2,000	0.3		0.3				
6	000034303	HEATER NATURAL GAS PROPANE	OPERATING	HEATER	NATURAL GAS	1611-WTDD-F-HV	1611, Davy Drive DWS, Facility, Heating Ventilation Air Conditioning	2017	\$5,000	0.75		0.75				
7	000034343	MOTOR FAN EXHAUST	OPERATING	MOTOR		1611-WTDD-F-HV	1611, Davy Drive DWS, Facility, Heating Ventilation Air Conditioning	1995	\$1,000	0.45		0.45				
8	000034349	MOTOR FAN EXHAUST GENERATOR	OPERATING	MOTOR		1611-WTDD-F-HV	1611, Davy Drive DWS, Facility, Heating Ventilation Air Conditioning	1995	\$1,000	0.4		0.4				
9	000034359	PANEL BREAKER	OPERATING	PANEL	BREAKER	1611-WTDD-F-PD	1611, Davy Drive DWS, Facility, Power Distribution	1995	\$10,000	0.35		0.35				
10	000034350	PANEL BREAKER	OPERATING	PANEL	BREAKER	1611-WTDD-F-PD	1611, Davy Drive DWS, Facility, Power Distribution	1995	\$10,000	0.3		0.3				
11	000034328	UPS BREAKER 8 ESSENTIAL POWER	OPERATING	UPS		1611-WTDD-F-PD	1611, Davy Drive DWS, Facility, Power Distribution	1995	\$2,000	0.25		0.25				
12	000034350	ENGINE PROPANE GENERATOR	OPERATING	ENGINE		1611-WTDD-F-PG	1611, Davy Drive DWS, Facility, Power Generation	2002	\$25,000	0.2	Due in Long term capital	0.2	Due in Long term capital			
13	000034347	GENERATOR ELECTRIC	OPERATING	GENERATOR	ELECTRIC	1611-WTDD-F-PG	1611, Davy Drive DWS, Facility, Power Generation	2002	\$25,000	0.15	Due in Long term capital	0.15	Due in Long term capital			
14	000034357	SWITCH TRANSFER GENERATOR	OPERATING	SWITCH	TRANSFER	1611-WTDD-F-PG	1611, Davy Drive DWS, Facility, Power Generation	1995	\$3,500	0.1	Due in Long term capital	0.1	Due in Long term capital			
15	000034325	UPS #1	OPERATING	UPS		1611-WTDD-F-PG	1611, Davy Drive DWS, Facility, Power Generation	2018	\$1,000	0.9		0.9				
16	000034324	UPS #2	OPERATING	UPS		1611-WTDD-F-PG	1611, Davy Drive DWS, Facility, Power Generation	2018	\$2,000	0.95		0.95				
17	000034365	SAFETY EYE WASH/SHOWER	OPERATING	SAFETY	EYE WASH/SHOWER	1611-WTDD-F-SH	1611, Davy Drive DWS, Facility, Safety Equipment	2005	\$2,000	0.45		0.45				
18	000034342	SAFETY SPILL KIT	OPERATING	SAFETY	SPILL KIT	1611-WTDD-F-SH	1611, Davy Drive DWS, Facility, Safety Equipment	1995	\$1,000	0.2		0.2				
19	000034358	PANEL CONTROL SODIUM HYPO PUMPS	OPERATING	PANEL	CONTROL	1611-WTDD-P-DI	1611, Davy Drive DWS, Process, Disinfection	2003	\$10,000	0.45		0.45				
20	000034362	PUMP DIAPHRAGM #1	OPERATING	PUMP	DIAPHRAGM	1611-WTDD-P-DI	1611, Davy Drive DWS, Process, Disinfection	2016	\$5,000	0.7		0.7				
21	000034367	PUMP DIAPHRAGM #1 SODIUM HYPOCHLORITE	OPERATING	PUMP	DIAPHRAGM	1611-WTDD-P-DI	1611, Davy Drive DWS, Process, Disinfection	2014	\$5,000	0.65		0.65				
22	000034356	PUMP DIAPHRAGM #2 SODIUM HYPOCHLORITE	OPERATING	PUMP	DIAPHRAGM	1611-WTDD-P-DI	1611, Davy Drive DWS, Process, Disinfection	2014	\$5,000	0.6		0.6				
23	000034363	PUMP DIAPHRAGM PRE CHLORINE	OPERATING	PUMP	DIAPHRAGM	1611-WTDD-P-DI	1611, Davy Drive DWS, Process, Disinfection	2016	\$5,000	0.55		0.55				
24	000034364	TANK PROCESS PRE-CHLORINE	OPERATING	TANK	PROCESS	1611-WTDD-P-DI	1611, Davy Drive DWS, Process, Disinfection	1995	\$500	0.5		0.5				
25	000034369	TANK PROCESS SODIUM HYPOCHLORITE	OPERATING	TANK	PROCESS	1611-WTDD-P-DI	1611, Davy Drive DWS, Process, Disinfection	1995	\$500	0.45		0.45				
26	000034356	UV LIGHT REACTOR #1	OPERATING	UV	REACTOR	1611-WTDD-P-DI	1611, Davy Drive DWS, Process, Disinfection	2010	\$7,500	0.75		0.75				
27	000034355	UV LIGHT REACTOR #2	OPERATING	UV	REACTOR	1611-WTDD-P-DI	1611, Davy Drive DWS, Process, Disinfection	2010	\$7,500	0.7		0.7				
28	000034321	FILTER CARTRIDGE #1 [1 MICRON ABSOLUTE]	OPERATING	FILTER	CARTRIDGE	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	2015	\$1,500	0.63		0.63				
29	000034320	FILTER CARTRIDGE #1 PRE	OPERATING	FILTER	CARTRIDGE	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	2015	\$500	0.6		0.6				
30	000034322	FILTER CARTRIDGE #2 [1 MICRON ABSOLUTE]	OPERATING	FILTER	CARTRIDGE	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	2015	\$1,500	0.58		0.58				
31	000034359	FILTER CARTRIDGE #2 PRE	OPERATING	FILTER	CARTRIDGE	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	2015	\$500	0.5		0.5				
32	000034330	FILTER SAND GREEN TANK #1	OPERATING	FILTER	SAND	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	1995	\$65,000	-0.01	Greensand filters require replacement	-0.01	Greensand filters require replacement			
33	000034329	FILTER SAND GREEN TANK #2	OPERATING	FILTER	SAND	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	1995	\$50,000	-0.01	Greensand filters require replacement	-0.01	Greensand filters require replacement			
34	000034360	MOTOR ELECTRIC BACKWASH PUMP	OPERATING	MOTOR		1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	2015	\$2,500	0.25		0.25				
35	000034310	PANEL CONTROL POTASSIUM PERMANGANATE PUMPS	OPERATING	PANEL	CONTROL	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	1995	\$5,000	0.3		0.3				
36	000034351	PUMP CENT BACKWASH	OPERATING	PUMP	CENTRIFUGAL	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	1995	\$2,000	-0.01	needs new backwash pump	-0.01	needs new backwash pump			
37	000034312	PUMP DIAPHRAGM POTASSIUM PERMANGANATE #1	OPERATING	PUMP	DIAPHRAGM	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	2021	\$5,000	1		1				
38	000034313	PUMP DIAPHRAGM POTASSIUM PERMANGANATE #2	OPERATING	PUMP	DIAPHRAGM	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	2021	\$5,000	1		1				
39	000034311	TANK PROCESS POTASSIUM PERMANGANATE IRON & MANG	OPERATING	TANK	PROCESS	1611-WTDD-P-FI	1611, Davy Drive DWS, Process, Filtration	1995	\$500	0.45		0.45				
40	000034342	DRIVE VFD PUMP #1	OPERATING	DRIVE	VFD	1611-WTDD-P-HL	1611, Davy Drive DWS, Process, Highlift	2015	\$10,000	0.6		0.6				
41	000034343	DRIVE VFD PUMP #2	OPERATING	DRIVE	VFD	1611-WTDD-P-HL	1611, Davy Drive DWS, Process, Highlift	2015	\$10,000	0.55		0.55				
42	000034345	MOTOR HIGH LIFT PUMP #1	OPERATING	MOTOR		1611-WTDD-P-HL	1611, Davy Drive DWS, Process, Highlift	2015	\$4,000	0.75		0.75				
43	000034346	MOTOR HIGH LIFT PUMP #2	OPERATING	MOTOR		1611-WTDD-P-HL	1611, Davy Drive DWS, Process, Highlift	2015	\$4,000	0.7		0.7				
44	000034348	PUMP CENT HIGH LIFT #1	OPERATING	PUMP	CENTRIFUGAL	1611-WTDD-P-HL	1611, Davy Drive DWS, Process, Highlift	2015	\$4,000	0.85		0.85				
45	000034347	PUMP CENT HIGH LIFT #2	OPERATING	PUMP	CENTRIFUGAL	1611-WTDD-P-HL	1611, Davy Drive DWS, Process, Highlift	2015	\$4,000	0.8		0.8				
46	000034344	TANK PRESSURE HIGH LIFT PUMPS	OPERATING	TANK	PRESSURE	1611-WTDD-P-HL	1611, Davy Drive DWS, Process, Highlift	1995	\$250	0.3		0.3				
47	000034357	PUMP SUBMERSIBLE WELL #1	OPERATING	PUMP	SUBMERSIBLE	1611-WTDD-P-IN	1611, Davy Drive DWS, Process, Intake	1995	\$2,500	0.25		0.25				
48	000034358	PUMP SUBMERSIBLE WELL #2	OPERATING	PUMP	SUBMERSIBLE	1611-WTDD-P-IN	1611, Davy Drive DWS, Process, Intake	1995	\$2,500	0.2		0.2				
49	000034359	PUMP SUBMERSIBLE WELL #3	OPERATING	PUMP	SUBMERSIBLE	1611-WTDD-P-IN	1611, Davy Drive DWS, Process, Intake	1995	\$3,000	0.15		0.15				
50	000034360	PUMP SUBMERSIBLE WELL #4	OPERATING	PUMP	SUBMERSIBLE	1611-WTDD-P-IN	1611, Davy Drive DWS, Process, Intake	1995	\$5,000	0.1		0.1				
51	000034371	WELL PRODUCING #1	OPERATING	WELL	PRODUCING	1611-WTDD-P-IN	1611, Davy Drive DWS, Process, Intake	1995	\$100,000	0.65		0.65				
52	000034372	WELL PRODUCING #2	OPERATING	WELL	PRODUCING	1611-WTDD-P-IN	1611, Davy Drive DWS, Process, Intake	1995	\$100,000	0.6		0.6				
53	000034370	WELL PRODUCING #3	OPERATING	WELL	PRODUCING	1611-WTDD-P-IN	1611, Davy Drive DWS, Process, Intake	1995	\$100,000	0.55		0.55				
54	000034369	WELL PRODUCING #4	OPERATING	WELL	PRODUCING	1611-WTDD-P-IN	1611, Davy Drive DWS, Process, Intake	1995	\$100,000	0.7		0.7				
55	000034332	ANALYZER CHLORINE & PH	OPERATING	ANALYZER	CHLORINE	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	2013	\$4,000	0.75		0.75				
56	000034331	ANALYZER TURBIDITY	OPERATING	ANALYZER	TURBIDITY	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	2015	\$4,500	0.7		0.7				
57	000034318	ANALYZER TURBIDITY FILTER #1 SENSOR	OPERATING	ANALYZER	TURBIDITY	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	2015	\$2,500	0.65		0.65				
58	000034314	ANALYZER TURBIDITY FILTER #2	OPERATING	ANALYZER	TURBIDITY	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	2015	\$2,500	0.6		0.6				
59	000034335	METER FLOW RAW WATER	OPERATING	METER	FLOW	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	1995	\$5,000	0.25	Should be near end of life	0.25	Should be near end of life			
60	000034334	METER FLOW TREATED	OPERATING	METER	FLOW	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	1995	\$5,000	0.2	Should be near end of life	0.2	Should be near end of life			
61	000034353	METER FLOW WELL #1	OPERATING	METER	FLOW	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	1995	\$5,000	0.15	Should be near end of life	0.15	Should be near end of life			
62	000034354	METER FLOW WELL #2	OPERATING	METER	FLOW	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	1995	\$5,000	0.1	Should be near end of life	0.1	Should be near end of life			
63	000034355	METER FLOW WELL #3	OPERATING	METER	FLOW	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	1995	\$5,000	0.05	Should be near end of life	0.05	Should be near end of life			
64	000034356	METER FLOW WELL #4	OPERATING	METER	FLOW	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	1995	\$5,000	0.25	Should be near end of life	0.25	Should be near end of life			
65	000034352	METER LEVEL WATER TANK CLEARWELL	OPERATING	METER	LEVEL	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	2015	\$5,000	0.75		0.75				
66	000034336	PANEL ALARM/DIALER	OPERATING	PANEL	ALARM/DIALER	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	2018	\$1,000	0.9		0.9				
67	000034317	PANEL CONTROL TURBIDITY ANALYZER FILTERS	OPERATING	PANEL	CONTROL	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	2015	\$3,000	0.65		0.65				
68	000034349	PANEL OUTPOST (DAVY DRIVE DWS)	OPERATING	PANEL		1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	2020	\$20,000	1		1				
69	000034333	RECORDER DATA LOGGER	OPERATING	RECORDER	DATA LOGGER	1611-WTDD-P-PC	1611, Davy Drive DWS, Process, Process Control & Monitoring	1995	\$2,000	0.05		0.05				
70	000034323	ACTUATOR ELECTRIC VALVE 110 FEED TO CARTRIDGE FITE	OPERATING	ACTUATOR	ELECTRIC	1611-WTDD-P-PI	1611, Davy Drive DWS, Process, Process Piping & Valves	2015	\$3,000	0.95		0.95				
71	000034326	ACTUATOR ELECTRIC VALVE 115 FEED FROM GREEN SAND	OPERATING	ACTUATOR	ELECTRIC	1611-WTDD-P-PI	1611, Davy Drive DWS, Process, Process Piping & Valves	2015	\$3,000	0.9		0.9				
72	000034341	VALVE RELIEF PRESSURE BACKWASH	OPERATING	VALVE	RELIEF	1611-WTDD-P-PI	1611, Davy Drive DWS, Process, Process Piping & Valves	1995	\$5,000	0.45		0.45				
73	000034304	TANK STORAGE HOT WATER	OPERATING	TANK	STORAGE	1611-WTDD-P-SR	1611, Davy Drive DWS, Process, Storage	1995	\$2,000	0.2		0.2				
74	000034378	TANK STORAGE POTABLE WATER	OPERATING	TANK	STORAGE	1611-WTDD-P-SR-CLWS	1611, Davy Drive DWS, Process, Storage, Clearwell	2015	\$100,000	0.75	Installed 2015	0.75	Installed 2015			
75	1611-T801	Building						1995	\$300,000	0.5		0.5				
76	1611-T802	Roof						2005	\$15,000	0.65	Steel Roof	0.65	Steel Roof			
77	1611-T803	Pipes						1995	\$50,000	0.35		0.35				

Park Lane WT										\$897,000	2021 Performance		2022 Performance	
Index	Asset	Asset Description	Status	Asset Class	Asset Subclass	Location	Location Description	Installation Date	Replacement Cost	2021 Performance	2021 Performance Score Rationale	2022 Performance	2022 Performance Score Rationale	
1	0000343421	TANK PRESSURE	OPERATING	TANK	PRESSURE	1612-WTPL	1612, Park Lane Crescent DWS	2016	\$2,000	0.75		0.75	R 2016	
2	0000343436	TANK PRESSURE	OPERATING	TANK	PRESSURE	1612-WTPL	1612, Park Lane Crescent DWS	2016	\$2,000	0.7	R 2016	0.7	R 2016	
3	0000343458	TANK PRESSURE #1	OPERATING	TANK	PRESSURE	1612-WTPL	1612, Park Lane Crescent DWS	2016	\$500	0.65	R 2016	0.65	R 2016	
4	0000343476	FAN EXHAUST	OPERATING	FAN		1612-WTPL-F-HV	1612, Park Lane DWS, Facility, Heating Ventilation Air Cor	2000	\$2,000	0.45		0.45		
5	0000343455	FAN EXHAUST GENERATOR	OPERATING	FAN		1612-WTPL-F-HV	1612, Park Lane DWS, Facility, Heating Ventilation Air Cor	2000	\$1,000	0.4		0.4		
6	0000343426	HEATER ELECTRIC #1	OPERATING	HEATER	ELECTRIC	1612-WTPL-F-HV	1612, Park Lane DWS, Facility, Heating Ventilation Air Cor	2000	\$2,000	0.35		0.35		
7	0000343434	HEATER ELECTRIC #2	OPERATING	HEATER	ELECTRIC	1612-WTPL-F-HV	1612, Park Lane DWS, Facility, Heating Ventilation Air Cor	2000	\$2,000	0.45		0.45		
8	0000343457	HEATER NATURAL GAS PROPANE	OPERATING	HEATER	NATURAL GAS	1612-WTPL-F-HV	1612, Park Lane DWS, Facility, Heating Ventilation Air Cor	2018	\$5,000	0.75		0.75		
9	0000343475	MOTOR FAN EXHAUST	OPERATING	MOTOR		1612-WTPL-F-HV	1612, Park Lane DWS, Facility, Heating Ventilation Air Cor	2000	\$1,000	0.35		0.35		
10	0000343456	MOTOR FAN EXHAUST GENERATOR	OPERATING	MOTOR		1612-WTPL-F-HV	1612, Park Lane DWS, Facility, Heating Ventilation Air Cor	2000	\$1,000	0.65		0.65		
11	0000343448	PANEL BREAKER	OPERATING	PANEL	BREAKER	1612-WTPL-F-PD	1612, Park Lane DWS, Facility, Power Distribution	2000	\$10,000	0.6		0.6		
12	0000343452	PANEL BREAKER GENERATOR EXHAUST FAN	OPERATING	PANEL	BREAKER	1612-WTPL-F-PD	1612, Park Lane DWS, Facility, Power Distribution	2000	\$10,000	0.55		0.55		
13	0000343424	PANEL BREAKER WELL #1	OPERATING	PANEL	BREAKER	1612-WTPL-F-PD	1612, Park Lane DWS, Facility, Power Distribution	2000	\$10,000	0.5		0.5		
14	0000343468	PANEL CONTROL HEAT TRACE LINE TO & FROM POTABLE ST	OPERATING	PANEL	CONTROL	1612-WTPL-F-PD	1612, Park Lane DWS, Facility, Power Distribution	2018	\$10,000	0.9		0.9		
15	0000343454	ENGINE PROPANE GENERATOR	OPERATING	ENGINE		1612-WTPL-F-PG	1612, Park Lane DWS, Facility, Power Generation	2000	\$25,000	0.25	Due in next long term capital	0.25	Due in next long term capital	
16	0000343453	GENERATOR ELECTRIC	OPERATING	GENERATOR	ELECTRIC	1612-WTPL-F-PG	1612, Park Lane DWS, Facility, Power Generation	2000	\$25,000	0.2	Due in next long term capital	0.2	Due in next long term capital	
17	0000343447	SWITCH TRANSFER AUTOMATIC	OPERATING	SWITCH	TRANSFER	1612-WTPL-F-PG	1612, Park Lane DWS, Facility, Power Generation	2000	\$3,000	0.15	Due in next long term capital	0.15	Due in next long term capital	
18	0000343477	UPS BREAKER #1 ESSENTIAL PANEL	OPERATING	UPS		1612-WTPL-F-PG	1612, Park Lane DWS, Facility, Power Generation	2000	\$10,000	0.45		0.45		
19	0000343446	SAFETY EYE WASH/SHOWER	OPERATING	SAFETY	EYE WASH/SHOWER	1612-WTPL-F-SY	1612, Park Lane DWS, Facility, Safety Equipment	2000	\$2,000	0.4		0.4		
20	0000343451	SAFETY SPILL KIT DRUM	OPERATING	SAFETY	SPILL KIT	1612-WTPL-F-SY	1612, Park Lane DWS, Facility, Safety Equipment	2000	\$1,000	0.35		0.35		
21	0000343487	PANEL CONTROL SODIUM HYPO CHLORITE PUMP	OPERATING	PANEL	CONTROL	1612-WTPL-P-DI	1612, Park Lane DWS, Process, Disinfection	2000	\$3,500	0.3		0.3		
22	0000343489	PUMP DIAPHRAGM #1 (B)	OPERATING	PUMP	DIAPHRAGM	1612-WTPL-P-DI	1612, Park Lane DWS, Process, Disinfection	2015	\$5,000	0.6		0.6		
23	0000343462	PUMP DIAPHRAGM #1 PRE CHLORINE	OPERATING	PUMP	DIAPHRAGM	1612-WTPL-P-DI	1612, Park Lane DWS, Process, Disinfection	2015	\$5,000	0.7		0.7		
24	0000343490	PUMP DIAPHRAGM #2 (A)	OPERATING	PUMP	DIAPHRAGM	1612-WTPL-P-DI	1612, Park Lane DWS, Process, Disinfection	2015	\$5,000	0.75		0.75		
25	0000343484	PUMP DIAPHRAGM #2 PRE CHLORINE	OPERATING	PUMP	DIAPHRAGM	1612-WTPL-P-DI	1612, Park Lane DWS, Process, Disinfection	2015	\$10,000	0.65		0.65		
26	0000343443	PUMP DIAPHRAGM CHLORINE SPARE	INACTIVE	PUMP	DIAPHRAGM	1612-WTPL-P-DI	1612, Park Lane DWS, Process, Disinfection	2015	\$5,000	0.85		0.85		
27	0000343488	TANK PROCESS POST CHLORINE	OPERATING	TANK	PROCESS	1612-WTPL-P-DI	1612, Park Lane DWS, Process, Disinfection	2000	\$500	0.35		0.35		
28	0000343467	FILTER CARTRIDGE BOTTOM	OPERATING	FILTER	CARTRIDGE	1612-WTPL-P-FI	1612, Park Lane DWS, Process, Filtration	2018	\$500	0.8		0.8		
29	0000343466	FILTER CARTRIDGE TOP	OPERATING	FILTER	CARTRIDGE	1612-WTPL-P-FI	1612, Park Lane DWS, Process, Filtration	2018	\$500	0.7		0.7		
30	0000343491	FILTER SAND GREEN TANK #1	OPERATING	FILTER	SAND	1612-WTPL-P-FI	1612, Park Lane DWS, Process, Filtration	1-1-2022	\$50,000	-0.01	Greensand filters require replacement		Replaced in 2021/2022	
31	0000343492	FILTER SAND GREEN TANK #2	OPERATING	FILTER	SAND	1612-WTPL-P-FI	1612, Park Lane DWS, Process, Filtration	1-1-2022	\$50,000	-0.01	Greensand filters require replacement		Replaced in 2021/2022	
32	0000343486	PANEL CONTROL POTASSIUM PERMANGANATE	OPERATING	PANEL	CONTROL	1612-WTPL-P-FI	1612, Park Lane DWS, Process, Filtration	2000	\$4,000	0.45		0.45		
33	0000343484	PUMP DIAPHRAGM #1 POTASSIUM PERMANGANATE	OPERATING	PUMP	DIAPHRAGM	1612-WTPL-P-FI	1612, Park Lane DWS, Process, Filtration	2000	\$5,000	0.4		0.4		
34	0000343483	TANK PROCESS POTASSIUM PERMANGANATE (IRON & MAN	OPERATING	TANK	PROCESS	1612-WTPL-P-FI	1612, Park Lane DWS, Process, Filtration	2000	\$5,000	0.35		0.35		
35	0000343485	MOTOR PUMP BACKWASH	OPERATING	MOTOR		1612-WTPL-P-B	1612, Park Lane DWS, Process, Filtration Backwash	2000	\$4,000	0.5		0.5		
36	0000343494	PANEL CONTROL BACKWASH	OPERATING	PANEL	CONTROL	1612-WTPL-P-B	1612, Park Lane DWS, Process, Filtration Backwash	2000	\$10,000	0.45		0.45		
37	0000343470	PUMP CENT BACKWASH	OPERATING	PUMP	CENTRIFUGAL	1612-WTPL-P-B	1612, Park Lane DWS, Process, Filtration Backwash	1-1-2022	\$4,000	-0.01	needs new backwash pump		needs new backwash pump	
38	0000343442	DRIVE VFD PUMP SP1	OPERATING	DRIVE	VFD	1612-WTPL-P-HL	1612, Park Lane DWS, Process, Highlift	2016	\$7,500	0.85	R 2016	0.85	R 2016	
39	0000343441	DRIVE VFD PUMP SP2	OPERATING	DRIVE	VFD	1612-WTPL-P-HL	1612, Park Lane DWS, Process, Highlift	2016	\$7,500	0.85	R 2016	0.85	R 2016	
40	0000343440	MOTOR PUMP SP1	OPERATING	MOTOR		1612-WTPL-P-HL	1612, Park Lane DWS, Process, Highlift	2016	\$4,000	0.85	R 2016	0.85	R 2016	
41	0000343439	MOTOR PUMP SP2	OPERATING	MOTOR		1612-WTPL-P-HL	1612, Park Lane DWS, Process, Highlift	2016	\$4,000	0.85	R 2016	0.85	R 2016	
42	0000343438	PUMP CENT SP1	OPERATING	PUMP	CENTRIFUGAL	1612-WTPL-P-HL	1612, Park Lane DWS, Process, Highlift	2016	\$4,000	0.85	R 2016	0.85	R 2016	
43	0000343437	PUMP CENT SP2	OPERATING	PUMP	CENTRIFUGAL	1612-WTPL-P-HL	1612, Park Lane DWS, Process, Highlift	2016	\$4,000	0.85	R 2016	0.85	R 2016	
44	0000343465	MOTOR WELL PUMP #1	OPERATING	MOTOR		1612-WTPL-P-IN	1612, Park Lane DWS, Process, Intake	2000	\$2,000	0.7		0.7		
45	0000343479	MOTOR WELL PUMP #2	OPERATING	MOTOR		1612-WTPL-P-IN	1612, Park Lane DWS, Process, Intake	2000	\$2,000	0.45		0.45		
46	0000343459	PANEL CONTROL PUMPS	OPERATING	PANEL	CONTROL	1612-WTPL-P-IN	1612, Park Lane DWS, Process, Intake	2000	\$10,000	0.75		0.75		
47	0000343460	PUMP SUBMERSIBLE WELL #1 (1 HP)	OPERATING	PUMP	SUBMERSIBLE	1612-WTPL-P-IN	1612, Park Lane DWS, Process, Intake	2000	\$3,000	0.6		0.6		
48	0000343461	PUMP SUBMERSIBLE WELL #2 (1 HP)	OPERATING	PUMP	SUBMERSIBLE	1612-WTPL-P-IN	1612, Park Lane DWS, Process, Intake	2000	\$3,000	0.8		0.8		
49	0000343423	WELL PRODUCING #1	OPERATING	WELL	PRODUCING	1612-WTPL-P-IN	1612, Park Lane DWS, Process, Intake	2000	\$50,000	0.75		0.75		
50	0000343495	ANALYZER CHLORINE & PH	OPERATING	ANALYZER	CHLORINE	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2000	\$8,000	0.3		0.3		
51	0000343498	ANALYZER TURBIDITY	OPERATING	ANALYZER	TURBIDITY	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2013	\$8,000	0.75	R2013	0.75	R2013	
52	0000343482	METER FLOW RAW TOTAL	OPERATING	METER	FLOW	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2000	\$5,000	0.65		0.65		
53	0000343497	METER FLOW TREATED WATER	OPERATING	METER	FLOW	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2000	\$5,000	0.6		0.6		
54	0000343480	METER FLOW WELL #1	OPERATING	METER	FLOW	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2000	\$5,000	0.45		0.45		
55	0000343481	METER FLOW WELL #2	OPERATING	METER	FLOW	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2000	\$5,000	0.4		0.4		
56	0000343493	METER LEVEL WATER TANK	OPERATING	METER	LEVEL	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2016	\$5,000	0.75	R 2016	0.75	R 2016	
57	0000343499	PANEL ALARM/DIALER	OPERATING	PANEL	ALARM/DIALER	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2000	\$2,000	0.3		0.3		
58	0000343425	PANEL ALARM/DIALER PUMP HOUSE	OPERATING	PANEL	ALARM/DIALER	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2000	\$2,000	0.25		0.25		
59	0000343496	RECORDER DATA LOGGER	OPERATING	RECORDER	DATA LOGGER	1612-WTPL-P-PC	1612, Park Lane DWS, Process, Process Control & Monito	2016	\$2,000	0.75	R 2016	0.75	R 2016	
60	0000343472	ACTUATOR ELECTRIC VALVE #S1	OPERATING	ACTUATOR	ELECTRIC	1612-WTPL-P-PJ	1612, Park Lane DWS, Process, Process Piping & Valves	2016	\$3,000	0.7	R 2016	0.7	R 2016	
61	0000343471	VALVE CHECK #62 BACKWASH PUMP FEED FROM POTABLE	OPERATING	VALVE	CHECK	1612-WTPL-P-PJ	1612, Park Lane DWS, Process, Process Piping & Valves	2000	\$4,000	0.45		0.45		
62	0000343473	VALVE CHECK #67 FROM GREEN FILTER SAND TO POTABLE	OPERATING	VALVE	CHECK	1612-WTPL-P-PJ	1612, Park Lane DWS, Process, Process Piping & Valves	2000	\$4,000	0.65		0.65		
63	0000343474	VALVE RELIEF PRESSURE BACKWASH	OPERATING	VALVE	RELIEF	1612-WTPL-P-PJ	1612, Park Lane DWS, Process, Process Piping & Valves	2000	\$5,000	0.6		0.6		
64	0000343445	TANK STORAGE HOT WATER	OPERATING	TANK	STORAGE	1612-WTPL-P-SR	1612, Park Lane DWS, Process, Storage	2000	\$1,000	0.5		0.5		
65	0000343464	TANK STORAGE PRE CHLORINE	OPERATING	TANK	STORAGE	1612-WTPL-P-SR	1612, Park Lane DWS, Process, Storage	2000	\$500	0.45		0.45		
66	0000343450	TANK STORAGE CLEARWELL	OPERATING	TANK	STORAGE	1612-WTPL-P-SR	1612, Park Lane DWS, Process, Storage, Clearwell	2016	\$130,000	0.65	R 2016	0.65	R 2016	
67	1612 TB01	Building						1995	\$200,000	0.5		0.5		
68	1613 TB02	Roof						1995	\$45,000	0.65	Steel Roof	0.65	Steel Roof	
69	1614 TB03	Pipes						1995	\$50,000	0.65		0.65		
70	1615 TR04	WELL PRODUCING #2 (could be #1)	OPERATING	WELL	PRODUCING	1612-WTPL-P-IN	1612, Park Lane DWS, Process, Intake	2000	\$50,000	0.75		0.75		

Ramara Hall WT										\$194,450				
Index	Asset	Asset Description	Status	Asset Class	Asset Subclass	Location	Location Description	Installation Date	Replacement Cost	2021 Performance Score	2021 Performance Score Rationale	2022 Performance Score	2022 Performance Score Rationale	
1	0000343381	HEATER ELECTRIC #1	OPERATING	HEATER	ELECTRIC	1618-WSRH-F-HV	1618, Ramara Hall DWS, Facility, Heating Ventilation Air C	2009	\$2,000	0.75		0.75		
2	0000343382	HEATER ELECTRIC #2	OPERATING	HEATER	ELECTRIC	1618-WSRH-F-HV	1618, Ramara Hall DWS, Facility, Heating Ventilation Air C	2009	\$2,000	0.7		0.7		
3	0000343393	GENERATOR ELECTRIC	OPERATING	GENERATOR	ELECTRIC	1618-WSRH-F-PG	1618, Ramara Hall DWS, Facility, Power Generation	2009	\$50,000	0.65		0.65		
4	0000343396	PANEL BREAKER GENERATOR ROOM	OPERATING	PANEL	BREAKER	1618-WSRH-F-PG	1618, Ramara Hall DWS, Facility, Power Generation	2009	\$10,000	0.6		0.6		
5	0000343394	SWITCH DISCONNECT GENERATOR	OPERATING	SWITCH	DISCONNECT	1618-WSRH-F-PG	1618, Ramara Hall DWS, Facility, Power Generation	2009	\$1,000	0.7		0.7		
6	0000343408	SWITCH TRANSFER AUTOMATIC GENERATOR	OPERATING	SWITCH	TRANSFER	1618-WSRH-F-PG	1618, Ramara Hall DWS, Facility, Power Generation	2009	\$3,500	0.65		0.65		
7	0000343407	TOOLS BATTERY CHARGER GENERATOR	OPERATING	TOOLS	BATTERY CHARGER	1618-WSRH-F-PG	1618, Ramara Hall DWS, Facility, Power Generation	2009	\$600	0.6		0.6		
8	0000336998	SAFETY EYE WASH/SHOWER	OPERATING	SAFETY	EYE WASH/SHOWER	1618-WSRH-F-SY	1618, Ramara Hall DWS, Facility, Safety Equipment	2009	\$1,000	0.4		0.4		
9	0000343409	PUMP SUBMERSIBLE #1 SEWAGE	OPERATING	PUMP	SUBMERSIBLE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2020	\$1,000	1		1		
10	0000343410	PUMP SUBMERSIBLE #2 SEWAGE	OPERATING	PUMP	SUBMERSIBLE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2020	\$1,000	1		1		
11	0000343402	TANK PRESSURE CHLORINE CONTACT	OPERATING	TANK	PRESSURE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2009	\$2,000	0.7		0.7		
12	0000343401	TANK PRESSURE RAW WATER	OPERATING	TANK	PRESSURE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2009	\$2,000	0.65		0.65		
13	0000343400	TANK PRESSURE TREATED WATER #1	OPERATING	TANK	PRESSURE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2009	\$1,000	0.6		0.6		
14	0000343399	TANK PRESSURE TREATED WATER #2	OPERATING	TANK	PRESSURE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2009	\$1,000	0.7		0.7		
15	0000343397	TANK STORAGE #1 TREATED WATER	OPERATING	TANK	STORAGE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2009	\$1,500	0.65		0.65		
16	0000343398	TANK STORAGE #2 TREATED WATER	OPERATING	TANK	STORAGE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2009	\$1,500	0.6		0.6		
17	0000343403	TANK STORAGE CHLORINE	OPERATING	TANK	STORAGE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2009	\$350	0.7		0.7		
18	0000336999	TANK STORAGE HOT WATER	OPERATING	TANK	STORAGE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2009	\$1,000	0.65		0.65		
19	0000343384	TANK STORAGE SOFTENER SALT	OPERATING	TANK	STORAGE	1618-WSRH-P	1618, Ramara Hall DWS, Process	2009	\$1,000	0.6		0.6		
20	0000343386	TANK PROCESS SOFTENER #1	OPERATING	TANK	PROCESS	1618-WSRH-P-CD	1618, Ramara Hall DWS, Process, Conditioning, Softening	2009	\$2,000	0.7		0.7		
21	0000343385	TANK PROCESS SOFTENER #2	OPERATING	TANK	PROCESS	1618-WSRH-P-CD	1618, Ramara Hall DWS, Process, Conditioning, Softening	2009	\$2,000	0.65		0.65		
22	0000343404	PUMP DIAPHRAGM CHLORINE	OPERATING	PUMP	DIAPHRAGM	1618-WSRH-P-DI	1618, Ramara Hall DWS, Process, Disinfection	2009	\$5,000	0.6		0.6		
23	0000343387	FILTER MULTI MEDIA TANK #1	OPERATING	FILTER	MULTI MEDIA	1618-WSRH-P-FI	1618, Ramara Hall DWS, Process, Filtration	2009	\$2,500	0.6		0.6		
24	0000343388	FILTER MULTI MEDIA TANK #2	OPERATING	FILTER	MULTI MEDIA	1618-WSRH-P-FI	1618, Ramara Hall DWS, Process, Filtration	2009	\$2,500	0.55		0.55		
25	0000343405	PUMP CENT HIGH LIFT #1 TREATED WATER TANK	OPERATING	PUMP	CENTRIFUGAL	1618-WSRH-P-HL	1618, Ramara Hall DWS, Process, Highlift	2001	\$10,000	0.35		0.35		
26	0000343406	PUMP CENT HIGH LIFT #2 TREATED WATER TANK	OPERATING	PUMP	CENTRIFUGAL	1618-WSRH-P-HL	1618, Ramara Hall DWS, Process, Highlift	2001	\$10,000	0.3		0.3		
27	0000343390	PUMP SUBMERSIBLE WELL	OPERATING	PUMP	SUBMERSIBLE	1618-WSRH-P-IN	1618, Ramara Hall DWS, Process, Intake	2000	\$3,500	0.25		0.25		
28	0000343389	WELL PRODUCING	OPERATING	WELL	PRODUCING	1618-WSRH-P-IN	1618, Ramara Hall DWS, Process, Intake	2009	\$50,000	0.35		0.35		
29	0000337000	ANALYZER CHLORINE	OPERATING	ANALYZER	CHLORINE	1618-WSRH-P-PC	1618, Ramara Hall DWS, Process, Process Control & Mon	2009	\$8,000	0.3		0.3		
30	0000343380	ANALYZER TURBIDITY TREATED WATER	OPERATING	ANALYZER	TURBIDITY	1618-WSRH-P-PC	1618, Ramara Hall DWS, Process, Process Control & Mon	2009	\$8,000	0.6		0.6		
31	0000343395	METER LEVEL TREATED WATER HOLDING TANK	OPERATING	METER	LEVEL	1618-WSRH-P-PC	1618, Ramara Hall DWS, Process, Process Control & Mon	2009	\$5,000	0.55		0.55		
32	0000343383	PANEL ALARM/DIALER	OPERATING	PANEL	ALARM/DIALER	1618-WSRH-P-PC	1618, Ramara Hall DWS, Process, Process Control & Mon	2009	\$2,500	0.75		0.75		

Val Harbour WT										\$1,421,000				
Index #	Asset	Asset Description	Status	Asset Class	Asset Subclass	Location	Location Description	Purchase Dg	Replacement Cg	Asset Performance	2021 Performance Score Rationale	Asset Performance	2022 Performance Score Rationale	
0000336959	TANK STORAGE DAY BIE CHLORINE	OPERATING	TANK	STORAGE	1615-WTVH	1615, Val Harbour DWS		2005	\$2,000	0.65		0.65		
0000336971	TANK STORAGE HOT WATER EYEWASH	OPERATING	TANK	STORAGE	1615-WTVH	1615, Val Harbour DWS		2005	\$1,000	0.6		0.6		
0000336987	FAN EXHAUST	OPERATING	FAN		1615-WTVH-FHV	1615, Val Harbour DWS, Facility, Heating Ventilation Air Conditioning		2005	\$2,000	0.55		0.55		
0000343367	FAN EXHAUST GENERATOR	OPERATING	FAN		1615-WTVH-FHV	1615, Val Harbour DWS, Facility, Heating Ventilation Air Conditioning		2005	\$2,000	0.3		0.3		
0000336964	HEATER ELECTRIC	OPERATING	HEATER	ELECTRIC	1615-WTVH-FHV	1615, Val Harbour DWS, Facility, Heating Ventilation Air Conditioning		2005	\$2,000	0.45		0.45		
0000336986	HEATER ELECTRIC	OPERATING	HEATER	ELECTRIC	1615-WTVH-FHV	1615, Val Harbour DWS, Facility, Heating Ventilation Air Conditioning		2005	\$2,000	0.60		0.60		
0000343368	MOTOR EXHAUST FAN GENERATOR	OPERATING	MOTOR		1615-WTVH-FHV	1615, Val Harbour DWS, Facility, Heating Ventilation Air Conditioning		2005	\$1,000	0.6		0.6		
0000336974	PANEL BREAKER	OPERATING	PANEL	BREAKER	1615-WTVH-FPO	1615, Val Harbour DWS, Facility, Power Distribution		2005	\$10,000	0.55		0.55		
0000343378	PANEL BREAKER W/LL 17" UPS	OPERATING	PANEL	BREAKER	1615-WTVH-FPO	1615, Val Harbour DWS, Facility, Power Distribution		2005	\$10,000	0.45		0.45		
0000336980	PANEL CONTROL HLP #3 & WELL PUMP #3	OPERATING	PANEL	CONTROL	1615-WTVH-FPO	1615, Val Harbour DWS, Facility, Power Distribution		2005	\$10,000	0.45		0.45		
0000336979	PANEL CONTROL WELL PUMP 1/2 & HLP 1/2	OPERATING	PANEL	CONTROL	1615-WTVH-FPO	1615, Val Harbour DWS, Facility, Power Distribution		2005	\$10,000	0.4		0.4		
0000336978	PANEL PUMP PROTECTION SYSTEM	OPERATING	PANEL		1615-WTVH-FPO	1615, Val Harbour DWS, Facility, Power Distribution		2005	\$10,000	0.35		0.35		
0000343364	ENGINE PROPANE GENERATOR	OPERATING	ENGINE		1615-WTVH-FPG	1615, Val Harbour DWS, Facility, Power Generation		2005	\$50,000	0.3		0.3		
0000343365	GENERATOR ELECTRIC	OPERATING	GENERATOR	ELECTRIC	1615-WTVH-FPG	1615, Val Harbour DWS, Facility, Power Generation		2005	\$50,000	0.60		0.60		
0000336972	SWITCH TRANSFER AUTOMATIC	OPERATING	SWITCH	TRANSFER	1615-WTVH-FPG	1615, Val Harbour DWS, Facility, Power Generation		2005	\$1,000	0.6		0.6		
0000336970	SAFETY EYE WASH/SHOWER	OPERATING	SAFETY	EYE WASH/SHOWER	1615-WTVH-FSV	1615, Val Harbour DWS, Facility, Safety Equipment		2005	\$2,000	0.55		0.55		
0000343366	SAFETY SPILL KIT DRUM	OPERATING	SAFETY	SPILL KIT	1615-WTVH-FSV	1615, Val Harbour DWS, Facility, Safety Equipment		2005	\$1,000	0.4		0.4		
0000336967	PUMP DIAPHRAGM #1 PRE-CHLORINE	OPERATING	PUMP	DIAPHRAGM	1615-WTVH-PDI	1615, Val Harbour DWS, Process, Disinfection		2005	\$5,000	0.45		0.45		
0000336968	PUMP DIAPHRAGM #2 PRE-CHLORINE	OPERATING	PUMP	DIAPHRAGM	1615-WTVH-PDI	1615, Val Harbour DWS, Process, Disinfection		2005	\$5,000	0.4		0.4		
0000343372	MOTOR HIGH LIFT PUMP #1	OPERATING	MOTOR		1615-WTVH-PHL	1615, Val Harbour DWS, Process, Highlift		2005	\$10,000	0.35		0.35		
0000343370	MOTOR HIGH LIFT PUMP #2	OPERATING	MOTOR		1615-WTVH-PHL	1615, Val Harbour DWS, Process, Highlift		2005	\$10,000	0.35		0.35		
0000343374	MOTOR HIGH LIFT PUMP #3	OPERATING	MOTOR		1615-WTVH-PHL	1615, Val Harbour DWS, Process, Highlift		2005	\$10,000	0.3		0.3		
0000343371	PUMP CENT HIGH LIFT #1	OPERATING	PUMP	CENTRIFUGAL	1615-WTVH-PHL	1615, Val Harbour DWS, Process, Highlift		2005	\$100,000	-0.01	HLPs require replacement with different (vertical turbine?) pumps. 2	-0.01	HLPs require replacement in 2023 pending study	
0000343369	PUMP CENT HIGH LIFT #2	OPERATING	PUMP	CENTRIFUGAL	1615-WTVH-PHL	1615, Val Harbour DWS, Process, Highlift		2005	\$100,000	-0.01	HLPs require replacement with different (vertical turbine?) pumps. 2	-0.01	HLPs require replacement in 2023 pending study	
0000343373	PUMP CENT HIGH LIFT #3	OPERATING	PUMP	CENTRIFUGAL	1615-WTVH-PHL	1615, Val Harbour DWS, Process, Highlift		2005	\$100,000	-0.01	HLPs require replacement with different (vertical turbine?) pumps. 2	-0.01	HLPs require replacement in 2023 pending study	
0000336976	PANEL CONTROL WELL #2	OPERATING	PANEL	CONTROL	1615-WTVH-PIN	1615, Val Harbour DWS, Process, Intake		2005	\$10,000	0.45		0.45		
0000336977	PANEL CONTROL WELL PUMP #1	OPERATING	PANEL	CONTROL	1615-WTVH-PIN	1615, Val Harbour DWS, Process, Intake		2005	\$10,000	0.4		0.4		
0000336973	PANEL CONTROL WELL PUMP #3	OPERATING	PANEL	CONTROL	1615-WTVH-PIN	1615, Val Harbour DWS, Process, Intake		2005	\$10,000	0.35		0.35		
0000336970	PUMP SUBMERSIBLE WELL #1	OPERATING	PUMP	SUBMERSIBLE	1615-WTVH-PIN	1615, Val Harbour DWS, Process, Intake		2016	\$8,000	0.75	2016	0.75	2016	
0000336991	PUMP SUBMERSIBLE WELL #2	OPERATING	PUMP	SUBMERSIBLE	1615-WTVH-PIN	1615, Val Harbour DWS, Process, Intake		2005	\$5,000	0.35		0.35		
0000336993	PUMP SUBMERSIBLE WELL #3	OPERATING	PUMP	SUBMERSIBLE	1615-WTVH-PIN	1615, Val Harbour DWS, Process, Intake		2013	\$5,000	0.60		0.60		
0000336988	WELL PRODUCING #1	OPERATING	WELL	PRODUCING	1615-WTVH-PIN	1615, Val Harbour DWS, Process, Intake		1990	\$100,000	0.658		0.658		
0000336989	WELL PRODUCING #2	OPERATING	WELL	PRODUCING	1615-WTVH-PIN	1615, Val Harbour DWS, Process, Intake		1990	\$100,000	0.6		0.6		
0000336992	WELL PRODUCING #3	OPERATING	WELL	PRODUCING	1615-WTVH-PIN	1615, Val Harbour DWS, Process, Intake		2005	\$100,000	0.65		0.65		
0000343377	ANALYZER CHLORINE & PH TREATED WATER	OPERATING	ANALYZER	CHLORINE	1615-WTVH-P-PC	1615, Val Harbour DWS, Process, Process Control & Monitoring		2016	\$8,000	0.99		0.99		
0000343375	ANALYZER TURBIDITY	OPERATING	ANALYZER	TURBIDITY	1615-WTVH-P-PC	1615, Val Harbour DWS, Process, Process Control & Monitoring		2012	\$8,000	0.75		0.75		
0000336985	METER FLOW RAW TOTAL	OPERATING	METER	FLOW	1615-WTVH-P-PC	1615, Val Harbour DWS, Process, Process Control & Monitoring		2005	\$5,000	0.45		0.45		
0000336982	METER FLOW TREATED WATER	OPERATING	METER	FLOW	1615-WTVH-P-PC	1615, Val Harbour DWS, Process, Process Control & Monitoring		2005	\$5,000	0.4		0.4		
0000336983	METER FLOW WELL #1	OPERATING	METER	FLOW	1615-WTVH-P-PC	1615, Val Harbour DWS, Process, Process Control & Monitoring		2005	\$5,000	0.35		0.35		
0000336984	METER FLOW WELL #2	OPERATING	METER	FLOW	1615-WTVH-P-PC	1615, Val Harbour DWS, Process, Process Control & Monitoring		2005	\$5,000	0.3		0.3		
0000336981	METER FLOW WELL #3	OPERATING	METER	FLOW	1615-WTVH-P-PC	1615, Val Harbour DWS, Process, Process Control & Monitoring		2005	\$5,000	0.60		0.60		
0000336975	PANEL ALARM/DIALER	OPERATING	PANEL	ALARM/DIALER	1615-WTVH-P-PC	1615, Val Harbour DWS, Process, Process Control & Monitoring		2005	\$10,000	0.6		0.6		
0000343376	RECORDER DATA LOGGER ANALYZERS	OPERATING	RECORDER	DATA LOGGER	1615-WTVH-P-PC	1615, Val Harbour DWS, Process, Process Control & Monitoring		2005	\$8,000	0.55		0.55		
0000343379	VALVE FLOW CONTROL TO DISTRIBUTION	OPERATING	VALVE	FLOW CONTROL	1615-WTVH-P-PI	1615, Val Harbour DWS, Process, Process Piping & Valves		2005	\$2,000	0.4		0.4		
0000336996	VALVE FLOW CONTROL WELL #1	OPERATING	VALVE	FLOW CONTROL	1615-WTVH-P-PI	1615, Val Harbour DWS, Process, Process Piping & Valves		2005	\$2,000	0.45		0.45		
0000336997	VALVE FLOW CONTROL WELL #2	OPERATING	VALVE	FLOW CONTROL	1615-WTVH-P-PI	1615, Val Harbour DWS, Process, Process Piping & Valves		2005	\$2,000	0.4		0.4		
0000336995	VALVE FLOW CONTROL WELL #3	OPERATING	VALVE	FLOW CONTROL	1615-WTVH-P-PI	1615, Val Harbour DWS, Process, Process Piping & Valves		2005	\$2,000	0.35		0.35		
0000336994	TANK STORAGE CLEAR WELL (2 CELLS)	OPERATING	TANK	STORAGE	1615-WTVH-P-SR	1615, Val Harbour DWS, Process, Storage		2005	\$200,000	-0.01	Study required to figure out long term plan	-0.01	Study required to figure out long term plan	
1615-TB01	Building							1995	\$200,000	0.35		0.35		
1615-TB02	Roof							1995	\$50,000	0.45		0.45		
1615-TB03	Pipes							1995	\$50,000	0.35		0.35		

Bayshore WWT										\$4,295,000				
Index	Asset	Asset Description	Status	Site	Asset Class	Asset Subclass	Location	Location Description	Installation Date	Replacement Cost	2021 Performance Score	2021 Performance Score Rationale	2022 Performance Score	2022 Performance Score Rationale
1	0000343360	ENGINE PROpane GENERATOR	OPERATING	DCWASITE	ENGINE	1616-PSEA	1616, Bayshore East SPS		2015	\$50,000	0.75		0.75	
2	0000343346	GENERATOR ELECTRIC	OPERATING	DCWASITE	GENERATOR	ELECTRIC	1616-PSEA	1616, Bayshore East SPS	2015	\$50,000	0.3		0.3	
3	0000343355	METER FLOW	OPERATING	DCWASITE	METER	FLOW	1616-PSEA	1616, Bayshore East SPS	1995	\$5,000	-0.01	flow meter requires replacement	-0.01	flow meter requires replacement
4	0000343356	METER LEVEL WET WELL	OPERATING	DCWASITE	METER	LEVEL	1616-PSEA	1616, Bayshore East SPS	2005	\$5,000	0.45		0.45	
5	0000343361	PANEL BREAKER	OPERATING	DCWASITE	PANEL	BREAKER	1616-PSEA	1616, Bayshore East SPS	2005	\$10,000	0.4		0.4	
6	0000343363	PANEL BREAKER MAIN	OPERATING	DCWASITE	PANEL	BREAKER	1616-PSEA	1616, Bayshore East SPS	2005	\$10,000	0.5		0.5	
7	0000343359	PANEL CONTROL	OPERATING	DCWASITE	PANEL	CONTROL	1616-PSEA	1616, Bayshore East SPS	1995	\$10,000	0.45		0.45	
8	0000343358	PUMP SUBMERSIBLE #1	OPERATING	DCWASITE	PUMP	SUBMERSIBLE	1616-PSEA	1616, Bayshore East SPS	28/08/09	\$20,000	0.3	replaced in 2009	0.3	
9	0000343357	PUMP SUBMERSIBLE #2	OPERATING	DCWASITE	PUMP	SUBMERSIBLE	1616-PSEA	1616, Bayshore East SPS	1995	\$20,000	-0.01	on the list for 2022	-0.01	Replace in 2022 for \$20k
10	0000343349	SWITCH TRANSFER AUTOMATIC	OPERATING	DCWASITE	SWITCH	TRANSFER	1616-PSEA	1616, Bayshore East SPS	2015	\$5,000	0.8		0.8	
11	0000343354	TANK STORAGE WET WELL	OPERATING	DCWASITE	TANK	STORAGE	1616-PSEA	1616, Bayshore East SPS	1995	\$300,000	0.25		0.25	
12	0000343362	TRANSFORMER LOAD MONITOR	OPERATING	DCWASITE	TRANSFORMER	LOAD MONITOR	1616-PSEA	1616, Bayshore East SPS	1995	\$2,000	0.2		0.2	
13	0000343353	VALVE CHECK PUMP #1	OPERATING	DCWASITE	VALVE	CHECK	1616-PSEA	1616, Bayshore East SPS	2021	\$4,000	1		1	
14	0000343351	VALVE CHECK PUMP #2	OPERATING	DCWASITE	VALVE	CHECK	1616-PSEA	1616, Bayshore East SPS	2021	\$4,000	1		1	
15	0000343352	VALVE ISOLATION PUMP #1	OPERATING	DCWASITE	VALVE	ISOLATION	1616-PSEA	1616, Bayshore East SPS	1995	\$2,000	0.05		0.05	
16	0000343350	VALVE ISOLATION PUMP #2	OPERATING	DCWASITE	VALVE	ISOLATION	1616-PSEA	1616, Bayshore East SPS	1995	\$2,000	0.1		0.1	
17	0000343338	DRIVE VFD PUMP #1	OPERATING	DCWASITE	DRIVE	VFD	1616-PSWE	1616, Bayshore West SPS	1995	\$10,000	0.15		0.15	
18	0000343339	DRIVE VFD PUMP #2	OPERATING	DCWASITE	DRIVE	VFD	1616-PSWE	1616, Bayshore West SPS	1995	\$10,000	0.35		0.35	
19	0000343341	METER LEVEL WET WELL	OPERATING	DCWASITE	METER	LEVEL	1616-PSWE	1616, Bayshore West SPS	1995	\$5,000	0.2		0.2	
20	0000343337	PANEL CONTROL MAIN	OPERATING	DCWASITE	PANEL	CONTROL	1616-PSWE	1616, Bayshore West SPS	1995	\$10,000	0.4		0.4	
21	0000343751	PUMP SUBMERSIBLE #1 (SHP)	OPERATING	DCWASITE	PUMP	SUBMERSIBLE	1616-PSWE	1616, Bayshore West SPS	1995	\$50,000	0.35		0.35	
22	0000343752	PUMP SUBMERSIBLE #2 (SHP)	OPERATING	DCWASITE	PUMP	SUBMERSIBLE	1616-PSWE	1616, Bayshore West SPS	1995	\$50,000	0.25		0.25	replace one pump in 2024 for \$8k
23	0000343347	SWITCH DISCONNECT MAIN	OPERATING	DCWASITE	SWITCH	DISCONNECT	1616-PSWE	1616, Bayshore West SPS	1995	\$1,000	0.2		0.2	
24	0000343340	SWITCH TRANSFER PORTABLE GENERATOR	OPERATING	DCWASITE	SWITCH	TRANSFER	1616-PSWE	1616, Bayshore West SPS	1995	\$1,000	0.45		0.45	
25	0000343342	TANK STORAGE CLEAR WELL	OPERATING	DCWASITE	TANK	STORAGE	1616-PSWE	1616, Bayshore West SPS	1995	\$300,000	0.4		0.4	
26	0000338960	AC UNIT	OPERATING	DCWASITE	AC		1616-WWLA	1616, Bayshore Lagoons	1995	\$5,000	-0.01	needs replaced	-0.01	fit for purpose for now pending study
27	0000338949	DRIVE VFD PUMP SPRAY IRRIGATION	OPERATING	DCWASITE	DRIVE	VFD	1616-WWLA	1616, Bayshore Lagoons	1995	\$10,000	0.25		0.25	
28	0000338947	FAN COOLING IRRIGATION PUMP MOTOR	OPERATING	DCWASITE	FAN		1616-WWLA	1616, Bayshore Lagoons	1995	\$2,000	0.35		0.35	
29	0000338958	FAN EXHAUST	OPERATING	DCWASITE	FAN		1616-WWLA	1616, Bayshore Lagoons	1995	\$2,000	0.3		0.3	
30	0000338945	HEATER ELECTRIC	OPERATING	DCWASITE	HEATER	ELECTRIC	1616-WWLA	1616, Bayshore Lagoons	1995	\$2,000	0.25		0.25	
31	0000338954	LAGOON #1	OPERATING	DCWASITE	LAGOON	#1	1616-WWLA	1616, Bayshore Lagoons	1995	\$750,000	-0.01	needs new cross culvert	-0.01	Ongoing in 2022
32	0000338955	LAGOON #2	OPERATING	DCWASITE	LAGOON	#2	1616-WWLA	1616, Bayshore Lagoons	1995	\$2,000,000	0.15		-0.01	EA underway, lagoon not meeting expectations
33	0000338957	METER FLOW	OPERATING	DCWASITE	METER	FLOW	1616-WWLA	1616, Bayshore Lagoons	1995	\$5,000	0.3		0.35	
34	0000338946	MOTOR FAN COOLING IRRIGATION PUMP MOTOR	OPERATING	DCWASITE	MOTOR		1616-WWLA	1616, Bayshore Lagoons	1995	\$1,000	0.08		0.3	
35	0000338953	MOTOR PUMP CENT SPRAY IRRIGATION	OPERATING	DCWASITE	MOTOR		1616-WWLA	1616, Bayshore Lagoons	1995	\$10,000	0.45		0.45	
36	0000338956	PANEL ALARM/DIALER (LAGOON)	OPERATING	DCWASITE	PANEL	ALARM/DIALER	1616-WWLA	1616, Bayshore Lagoons	1995	\$10,000	0.4		0.4	
37	0000338944	PANEL BREAKER	OPERATING	DCWASITE	PANEL	BREAKER	1616-WWLA	1616, Bayshore Lagoons	1995	\$10,000	0.35		0.35	
38	0000338952	PUMP CENT SPRAY IRRIGATION	OPERATING	DCWASITE	PUMP	CENTRIFUGAL	1616-WWLA	1616, Bayshore Lagoons	1995	\$50,000	-0.03	pump needs new wet end	-0.01	Ongoing in 2022
39	0000338948	SAFETY EYE WASH/SHOWER	OPERATING	DCWASITE	SAFETY	EYE WASH/SHOWER	1616-WWLA	1616, Bayshore Lagoons	1995	\$2,000	0.45		0.45	
40	0000338961	SWITCH DISCONNECT	OPERATING	DCWASITE	SWITCH	DISCONNECT	1616-WWLA	1616, Bayshore Lagoons	1995	\$1,000	0.4		0.4	
41	0000338963	SWITCH DISCONNECT MAIN	OPERATING	DCWASITE	SWITCH	DISCONNECT	1616-WWLA	1616, Bayshore Lagoons	1995	\$1,000	0.35		0.35	
42	0000338962	SWITCH DISCONNECT TRANSFORMER	OPERATING	DCWASITE	SWITCH	DISCONNECT	1616-WWLA	1616, Bayshore Lagoons	1995	\$1,000	0.4		0.4	
43	0000338943	SWITCH DISCONNECT VFD SPRAY IRRIGATION PUMP	OPERATING	DCWASITE	SWITCH	DISCONNECT	1616-WWLA	1616, Bayshore Lagoons	1995	\$1,000	0.45		0.45	
44	0000338950	TRANSFORMER LOAD MONITOR BREAKER PANEL 336944	OPERATING	DCWASITE	TRANSFORMER	LOAD MONITOR	1616-WWLA	1616, Bayshore Lagoons	1995	\$10,000	0.3		0.3	
45	0000338942	UPS FLOW METER	OPERATING	DCWASITE	UPS		1616-WWLA	1616, Bayshore Lagoons	1995	\$5,000	0.45		0.45	
46	0000338959	UPS OFFICE	OPERATING	DCWASITE	UPS		1616-WWLA	1616, Bayshore Lagoons	1995	\$2,000	0.4		0.4	
47	0000338951	VALVE CHECK	OPERATING	DCWASITE	VALVE	CHECK	1616-WWLA	1616, Bayshore Lagoons	1995	\$4,000	0.35		0.35	
48	1616-TBD1	Site		Site	Architectural	1609-WTBS-P-SR	1609, Bayshore Village DWS, Process, Storage, Clearwell		1995	\$50,000	0.5		-0.01	\$30k sludge survey required in 2022
49	1616-TBD2	Building							1995	\$200,000	-0.01	Needs Replaced	0.25	fit for purpose for now pending study
50	1616-TBD3	Roof							1995	\$50,000	0.5		0.5	
51	1616-TBD4	Pipes							2020	\$175,000	0.9		0.9	new main feeder header in 2022

The image displays a large, dense table with multiple columns and rows. The table contains detailed data for water and wastewater systems. The right side of the table features a vertical color-coded bar, likely representing a performance or status metric for each row. The colors range from red (top) to green (bottom), with yellow and orange in between. The table is organized into several sections, with some rows highlighted in yellow. The data appears to be a detailed audit or assessment of various water and wastewater systems, including their components and associated costs or performance metrics.

Appendix C – Planned Program

Line #	Asset Class	Index	Asset ID	Treatment Description	Forecast Cost (\$)	Forecast Year
1	Bayshore WT	15	343293	Reconstruction	5,000.00	2022
2	Bayshore WT	16	343291	Reconstruction	5,000.00	2022
3	Bayshore WT	17	343289	Reconstruction	5,000.00	2022
4	Bayshore WT	18	343292	Reconstruction	5,000.00	2022
5	Bayshore WT	19	343290	Reconstruction	5,000.00	2022
6	Bayshore WT	20	343288	Reconstruction	5,000.00	2022
7	Bayshore WT	21	343287	Reconstruction	5,000.00	2022
8						
9						
10	Bayshore WT	75	343297	Maintenance	6,000.00	2023
11						
12						
13	Bayshore WT	22	343298	Rehabilitation	5,000.00	2024
14	Bayshore WT	23	343299	Rehabilitation	5,000.00	2024
15	Bayshore WT	24	343300	Rehabilitation	5,000.00	2024
16	Bayshore WT	25	343301	Rehabilitation	5,000.00	2024
17	Bayshore WT	26	343303	Rehabilitation	5,000.00	2024
18	Bayshore WT	27	343305	Rehabilitation	5,000.00	2024
19	Bayshore WT	29	343304	Rehabilitation	10,000.00	2024
20	Bayshore WT	30	343306	Rehabilitation	10,000.00	2024
21	Bayshore WT	75	343297	Maintenance	10,000.00	2024
22						
23						
24	Bayshore WT	10	343258	Reconstruction	50,000.00	2026
25	Bayshore WT	11	343257	Reconstruction	50,000.00	2026
26						
27						
28	Bayshore WT	6	343295	Reconstruction	1,994.46	2027
29	Bayshore WT	12	343259	Reconstruction	797.78	2027

30	Bayshore WT	13	343294	Rehabilitation	1,511.36	2027
31	Bayshore WT	28	343302	Rehabilitation	10,000.00	2027
32	Bayshore WT	37	343276	Rehabilitation	5,185.60	2027
33	Bayshore WT	39	343281	Rehabilitation	3,601.11	2027
34	Bayshore WT	40	343273	Rehabilitation	2,742.38	2027
35	Bayshore WT	41	343274	Rehabilitation	3,601.11	2027
36						
37						
38	Bayshore WT	7	343280	Rehabilitation	1,196.68	2028
39	Bayshore WT	14	343333	Reconstruction	819.94	2028
40						
41						
42	Bayshore WT	32	343264	Reconstruction	9,085.87	2029
43	Bayshore WT	55	343332	Reconstruction	1,994.46	2029
44	Bayshore WT	79	1609-TBD4	Maintenance	15,000.00	2029
45						
46						
47	Bayshore WT	8	343272	Rehabilitation	1,096.95	2030
48	Bayshore WT	9	343261	Rehabilitation	1,440.44	2030
49	Bayshore WT	73	343284	Maintenance	124.65	2030
50	Bayshore WT	78	1609-TBD3	Maintenance	12,500.00	2030
51						
52						
53	Bayshore WT	38	343278	Rehabilitation	5,983.38	2031
54	Bayshore WT	52	343327	Reconstruction	1,861.50	2031
55	Bayshore WT	53	343329	Reconstruction	1,905.82	2031
56	Bayshore WT	57	343312	Rehabilitation	1,296.40	2031
57	Bayshore WT	60	343310	Reconstruction	1,994.46	2031
58	Bayshore WT	71	343307	Maintenance	997.23	2031
59	Bayshore WT	77	1609-TBD2	Maintenance	30,000.00	2031
60						
61						

62	Bayshore WT	31	343263	Rehabilitation	7,479.22	2032
63	Bayshore WT	36	343268	Maintenance	15,000.00	2032
64	Bayshore WT	54	343331	Reconstruction	1,662.05	2032
65	Bayshore WT	58	343317	Rehabilitation	1,495.84	2032
66	Bayshore WT	62	343326	Reconstruction	1,950.14	2032
67						
68						
69	Bayshore WT	3	343308	Rehabilitation	1,511.36	2033
70	Bayshore WT	34	343266	Maintenance	25,000.00	2033
71	Bayshore WT	43	343279	Rehabilitation	3,739.61	2033
72	Bayshore WT	51	343324	Rehabilitation	2,393.35	2033
73	Bayshore WT	61	343330	Maintenance	498.61	2033
74	Bayshore WT	63	343321	Rehabilitation	1,551.25	2033
75	Bayshore WT	65	343319	Rehabilitation	797.78	2033
76	Bayshore WT	67	343309	Reconstruction	1,994.46	2033
77	Bayshore WT	68	343314	Reconstruction	1,595.57	2033
78	Bayshore WT	74	2000343283	Maintenance	124.65	2033
79						
80						
81	Bayshore WT	1	343334	Rehabilitation	1,096.95	2034
82	Bayshore WT	45	343277	Rehabilitation	1,495.84	2034
83	Bayshore WT	48		Rehabilitation	2,991.69	2034
84	Bayshore WT	59		Rehabilitation	1,296.40	2034
85	Bayshore WT	70		Rehabilitation	3,490.30	2034
86						
87						
88	Bayshore WT	4		Reconstruction	17,000.00	2035
89	Bayshore WT	5		Rehabilitation	1,495.84	2035
90	Bayshore WT	15		Reconstruction	5,000.00	2035
91	Bayshore WT	18		Reconstruction	5,000.00	2035
92	Bayshore WT	19		Reconstruction	5,000.00	2035
93	Bayshore WT	35		Maintenance	20,000.00	2035

94	Bayshore WT	44	Rehabilitation	7,246.54	2035
95	Bayshore WT	46	Rehabilitation	747.92	2035
96	Bayshore WT	47	Rehabilitation	2,592.80	2035
97	Bayshore WT	50	Rehabilitation	2,991.69	2035
98	Bayshore WT	56	Reconstruction	1,994.46	2035
99	Bayshore WT	72	Reconstruction	398.89	2035
100					
101					
102	Bayshore WT	2	Rehabilitation	1,440.44	2036
103	Bayshore WT	22	Rehabilitation	5,000.00	2036
104	Bayshore WT	33	Rehabilitation	6,481.99	2036
105					
106					
107	Bayshore WT	17	Reconstruction	5,000.00	2037
108	Bayshore WT	23	Rehabilitation	5,000.00	2037
109	Bayshore WT	26	Rehabilitation	5,000.00	2037
110	Bayshore WT	27	Rehabilitation	5,000.00	2037
111					
112					
113	Bayshore WT	6	Reconstruction	1,994.46	2039
114	Bayshore WT	12	Reconstruction	797.78	2039
115	Bayshore WT	13	Rehabilitation	1,511.36	2039
116	Bayshore WT	69	Maintenance	1,246.54	2039
117					
118					
119	Bayshore WT	7	Rehabilitation	1,196.68	2040
120	Bayshore WT	20	Reconstruction	5,000.00	2040
121	Bayshore WT	64	Rehabilitation	1,096.95	2040

Line #	Asset			Treatment	Forecast	Forecast
	Class	Index	Asset ID	Description	Cost (\$)	Year
1	Bayshore WWT	31	336954	Maintenance	30,000.00	2022
2	Bayshore WWT	38	336952	Maintenance	10,000.00	2022
3	Bayshore WWT	48	1616-TBD1	Maintenance	4,000.00	2022
4						
5						
6	Bayshore WWT	9	343357	Reconstruction	20,000.00	2023
7						
8						
9	Bayshore WWT	8	343358	Reconstruction	20,000.00	2024
10	Bayshore WWT	21	343751	Maintenance	8,000.00	2024
11						
12						
13	Bayshore WWT	32	336955	Reconstruction	3,100,000.00	2026
14						
15						
16	Bayshore WWT	3	343355	Rehabilitation	2,925.00	2027
17	Bayshore WWT	12	343362	Maintenance	450.00	2027
18	Bayshore WWT	23	343347	Rehabilitation	630.00	2027
19	Bayshore WWT	26	336960	Rehabilitation	3,150.00	2027
20	Bayshore WWT	27	336949	Rehabilitation	6,500.00	2027
21	Bayshore WWT	32	336955	Maintenance	30,000.00	2027
22	Bayshore WWT	49	1616-TBD2	Maintenance	24,000.00	2027
23						
24						
25	Bayshore WWT	16	343350	Rehabilitation	1,350.00	2031
26	Bayshore WWT	17	343338	Rehabilitation	5,850.00	2031
27	Bayshore WWT	18	343339	Rehabilitation	6,750.00	2031
28	Bayshore WWT	28	336947	Rehabilitation	1,340.00	2031
29	Bayshore WWT	29	336958	Rehabilitation	1,360.00	2031

30	Bayshore WWT	30	336945	Reconstruction	1,560.00	2031
31	Bayshore WWT	33	336957	Reconstruction	4,750.00	2031
32	Bayshore WWT	34	336946	Reconstruction	940.00	2031
33	Bayshore WWT	35	336953	Rehabilitation	5,850.00	2031
34	Bayshore WWT	37	336944	Rehabilitation	5,850.00	2031
35	Bayshore WWT	40	336961	Rehabilitation	720.00	2031
36	Bayshore WWT	41	336963	Maintenance	360.00	2031
37	Bayshore WWT	43	336943	Rehabilitation	740.00	2031
38	Bayshore WWT	44	336950	Maintenance	2,250.00	2031
39						
40						
41	Bayshore WWT	22	343752	Rehabilitation	32,500.00	2032
42	Bayshore WWT	24	343340	Rehabilitation	610.00	2032
43	Bayshore WWT	36	336956	Rehabilitation	6,750.00	2032
44						
45						
46	Bayshore WWT	15	343352	Rehabilitation	1,170.00	2033
47	Bayshore WWT	19	343341	Rehabilitation	3,400.00	2033
48	Bayshore WWT	20	343337	Rehabilitation	4,950.00	2033
49	Bayshore WWT	25	343342	Maintenance	24,000.00	2033
50	Bayshore WWT	42	336962	Maintenance	225.00	2033
51	Bayshore WWT	46	336959	Rehabilitation	1,350.00	2033
52	Bayshore WWT	47	336951	Rehabilitation	2,340.00	2033
53						
54						
55	Bayshore WWT	4		Rehabilitation	3,375.00	2034
56	Bayshore WWT	45		Rehabilitation	2,925.00	2034
57	Bayshore WWT	50		Rehabilitation	33,750.00	2034
58						
59						
60	Bayshore WWT	6		Rehabilitation	6,750.00	2035
61	Bayshore WWT	7		Rehabilitation	6,500.00	2035

62	Bayshore WWT	39	Rehabilitation	1,080.00	2035
63					
64					
65	Bayshore WWT	1	Reconstruction	47,500.00	2036
66	Bayshore WWT	5	Rehabilitation	5,850.00	2036
67					
68					
69	Bayshore WWT	32	Maintenance	80,000.00	2038
70					
71					
72	Bayshore WWT	2	Rehabilitation	33,750.00	2039
73					
74					
75	Bayshore WWT	10	Maintenance	1,125.00	2040
76	Bayshore WWT	38	Rehabilitation	33,750.00	2040
77	Bayshore WWT	48	Maintenance	5,000.00	2040

Line #	Asset Class	Index	Asset ID	Treatment Description	Forecast Cost (\$)	Forecast Year
1	Davy Dr WT	32	343530	Reconstruction	60,000.00	2022
2	Davy Dr WT	33	343529	Reconstruction	60,000.00	2022
3	Davy Dr WT	36	343551	Reconstruction	5,000.00	2022
4	Davy Dr WT	74	343478	Maintenance	10,000.00	2022
5						
6						
7	Davy Dr WT	74	343478	Maintenance	10,000.00	2023
8						
9						
10	Davy Dr WT	7	343413	Rehabilitation	650.00	2027
11	Davy Dr WT	8	343499	Rehabilitation	495.00	2027
12	Davy Dr WT	12	343500	Maintenance	5,625.00	2027
13	Davy Dr WT	13	343427	Rehabilitation	14,625.00	2027
14	Davy Dr WT	14	343537	Rehabilitation	2,362.50	2027
15	Davy Dr WT	18	343412	Rehabilitation	675.00	2027
16	Davy Dr WT	34	343540	Reconstruction	2,350.00	2027
17	Davy Dr WT	47	343557	Rehabilitation	1,462.50	2027
18	Davy Dr WT	48	343558	Maintenance	250.00	2027
19	Davy Dr WT	50	343560	Rehabilitation	3,375.00	2027
20	Davy Dr WT	59	343535	Rehabilitation	2,925.00	2027
21	Davy Dr WT	60	343534	Rehabilitation	3,375.00	2027
22	Davy Dr WT	61	343553	Rehabilitation	2,925.00	2027
23	Davy Dr WT	62	343554	Rehabilitation	3,375.00	2027
24	Davy Dr WT	63	343555	Rehabilitation	2,700.00	2027
25	Davy Dr WT	69	343533	Maintenance	450.00	2027
26	Davy Dr WT	73	343504	Reconstruction	1,680.00	2027
27	Davy Dr WT	77	1611-TBD3	Reconstruction	39,500.00	2027
28						
29						
30	Davy Dr WT	3	343414	Rehabilitation	1,170.00	2028

31	Davy Dr WT	4	343411	Rehabilitation	675.00	2028
32	Davy Dr WT	9	343539	Maintenance	3,600.00	2028
33	Davy Dr WT	10	343550	Maintenance	2,250.00	2028
34	Davy Dr WT	19	343508	Rehabilitation	6,800.00	2028
35	Davy Dr WT	49	343559	Maintenance	360.00	2028
36						
37						
38	Davy Dr WT	2	343538	Rehabilitation	1,350.00	2029
39	Davy Dr WT	11	343528	Rehabilitation	1,350.00	2029
40	Davy Dr WT	17	343505	Rehabilitation	1,170.00	2029
41	Davy Dr WT	22	343506	Rehabilitation	3,250.00	2029
42	Davy Dr WT	23	343563	Rehabilitation	3,150.00	2029
43	Davy Dr WT	35	343510	Rehabilitation	2,925.00	2029
44	Davy Dr WT	52	343572	Maintenance	20,000.00	2029
45	Davy Dr WT	64	343556	Reconstruction	3,900.00	2029
46	Davy Dr WT	72	343541	Reconstruction	4,300.00	2029
47	Davy Dr WT	75	1611-TBD1	Maintenance	30,000.00	2029
48						
49						
50	Davy Dr WT	5	343561	Rehabilitation	1,170.00	2030
51	Davy Dr WT	24	343564	Rehabilitation	305.00	2030
52	Davy Dr WT	25	343509	Maintenance	112.50	2030
53	Davy Dr WT	27	343515	Rehabilitation	4,875.00	2030
54	Davy Dr WT	31	343519	Maintenance	135.00	2030
55	Davy Dr WT	46	343544	Rehabilitation	168.75	2030
56	Davy Dr WT	53	343570	Maintenance	15,000.00	2030
57						
58						
59	Davy Dr WT	6	343503	Rehabilitation	3,375.00	2031
60	Davy Dr WT	26	343516	Rehabilitation	4,725.00	2031
61	Davy Dr WT	55	343532	Rehabilitation	5,680.00	2031
62	Davy Dr WT	57	343518	Rehabilitation	1,462.50	2031

63	Davy Dr WT	67	343517	Rehabilitation	2,025.00	2031
64	Davy Dr WT	76	1611-TBD2	Rehabilitation	11,550.00	2031
65						
66						
67	Davy Dr WT	1	343527	Reconstruction	9,500.00	2032
68	Davy Dr WT	30	343522	Reconstruction	1,170.00	2032
69	Davy Dr WT	39	343511	Rehabilitation	270.00	2032
70	Davy Dr WT	41	343543	Maintenance	3,600.00	2032
71	Davy Dr WT	58	343514	Rehabilitation	1,687.50	2032
72	Davy Dr WT	74	343478	Maintenance	22,500.00	2032
73						
74						
75	Davy Dr WT	15	343525	Rehabilitation	585.00	2033
76	Davy Dr WT	29	343520	Rehabilitation	340.00	2033
77	Davy Dr WT	54	343569	Maintenance	10,000.00	2033
78						
79						
80	Davy Dr WT	20	343562	Rehabilitation	2,475.00	2034
81	Davy Dr WT	32		Reconstruction	57,200.00	2034
82	Davy Dr WT	43		Rehabilitation	2,960.00	2034
83	Davy Dr WT	56		Rehabilitation	3,285.00	2034
84						
85						
86	Davy Dr WT	38		Rehabilitation	3,375.00	2035
87	Davy Dr WT	51		Maintenance	25,000.00	2035
88	Davy Dr WT	65		Maintenance	1,800.00	2035
89						
90						
91	Davy Dr WT	21		Rehabilitation	3,350.00	2036
92	Davy Dr WT	71		Maintenance	540.00	2036
93						
94						

95	Davy Dr WT	28	Rehabilitation	1,005.00	2038
96	Davy Dr WT	68	Rehabilitation	15,400.00	2038
97					
98					
99	Davy Dr WT	7	Rehabilitation	650.00	2039
100	Davy Dr WT	12	Maintenance	5,625.00	2039
101	Davy Dr WT	13	Rehabilitation	14,625.00	2039
102	Davy Dr WT	37	Rehabilitation	2,925.00	2039
103	Davy Dr WT	45	Rehabilitation	2,340.00	2039
104	Davy Dr WT	73	Reconstruction	1,680.00	2039
105					
106					
107	Davy Dr WT	8	Rehabilitation	495.00	2040
108	Davy Dr WT	18	Rehabilitation	675.00	2040
109	Davy Dr WT	36	Rehabilitation	1,350.00	2040
110	Davy Dr WT	44	Maintenance	900.00	2040
111	Davy Dr WT	70	Reconstruction	2,340.00	2040
112					
113					
114	Davy Dr WT	14	Rehabilitation	2,362.50	2041
115	Davy Dr WT	19	Rehabilitation	6,800.00	2041
116	Davy Dr WT	22	Rehabilitation	3,250.00	2041
117	Davy Dr WT	52	Maintenance	20,000.00	2041
118	Davy Dr WT	61	Rehabilitation	2,925.00	2041
119	Davy Dr WT	77	Reconstruction	39,500.00	2041

Line #	Asset Class	Asset ID	Facility	Treatment Description	Forecast Cost (\$)	Forecast Year
1	Sewers and FMs	319	A1	Maintenance	6,947.82	2022
2	Sewers and FMs	322	A2	Maintenance	9,670.32	2022
3	Sewers and FMs	327	A5	Maintenance	16,674.77	2022
4	Sewers and FMs	332	A6	Maintenance	1,219.68	2022
5	Sewers and FMs	369	B9	Reconstruction	231,000.00	2022
6	Sewers and FMs	415	D7	Maintenance	3,585.55	2022
7	Sewers and FMs	2381		Maintenance	373.74	2022
8						
9						
10	Sewers and FMs	376	B12	Maintenance	15,000.00	2023
11	Sewers and FMs	390	C2	Maintenance	7,666.56	2023
12	Sewers and FMs	615	E1	Maintenance	7,040.72	2023
13	Sewers and FMs	625	F1	Maintenance	6,388.80	2023
14	Sewers and FMs	638	G1	Maintenance	13,684.81	2023
15						
16						
17	Sewers and FMs	433	E1	Rehabilitation	30,000.00	2024
18	Sewers and FMs	585	A2	Maintenance	8,799.12	2024
19	Sewers and FMs	2308		Maintenance	6,516.58	2024
20	Sewers and FMs	2866	B3	Maintenance	5,127.01	2024
21						
22						
23	Sewers and FMs	623	E3	Reconstruction	50,000.00	2025
24						
25						
26	Sewers and FMs	2366		Maintenance	50,000.00	2026
27						
28						
29	Sewers and FMs	636	G1	Maintenance	10,158.19	2027
30	Sewers and FMs	644	H2	Maintenance	13,329.36	2027

31						
32						
33	Sewers and FMs	381	B12	Maintenance	10,900.89	2028
34	Sewers and FMs	600	B2	Maintenance	6,708.24	2028
35						
36						
37	Sewers and FMs	402	D2	Maintenance	7,283.23	2029
38	Sewers and FMs	429	E1	Maintenance	2,548.26	2029
39	Sewers and FMs	590	A4	Maintenance	13,282.32	2029
40	Sewers and FMs	613	E1	Maintenance	6,400.65	2029
41	Sewers and FMs	622	E3	Maintenance	8,145.72	2029
42	Sewers and FMs	631	F1	Maintenance	5,869.71	2029
43						
44						
45	Sewers and FMs	395	D1	Maintenance	2,352.24	2030
46	Sewers and FMs	406	D4	Maintenance	6,316.20	2030
47	Sewers and FMs	607	C1	Maintenance	8,912.38	2030
48	Sewers and FMs	610	D2	Maintenance	3,571.92	2030
49						
50						
51	Sewers and FMs	379	B12	Maintenance	15,855.84	2031
52	Sewers and FMs	393	D1	Maintenance	10,541.52	2031
53	Sewers and FMs	413	D6	Maintenance	9,966.53	2031
54	Sewers and FMs	578	A1	Maintenance	15,507.36	2031
55	Sewers and FMs	624	F1	Rehabilitation	58,697.10	2031
56	Sewers and FMs	629	F1	Maintenance	8,537.76	2031
57	Sewers and FMs	642	H1	Maintenance	20,508.05	2031
58						
59						
60	Sewers and FMs	411	D4	Maintenance	7,283.23	2032
61	Sewers and FMs	422	D10	Rehabilitation	41,462.01	2032
62						

63						
64	Sewers and FMs	334	A6	Maintenance	5,019.77	2033
65	Sewers and FMs	404	D3	Maintenance	435.60	2033
66	Sewers and FMs	427	E1	Rehabilitation	34,739.10	2033
67	Sewers and FMs	606	C1	Maintenance	6,969.60	2033
68	Sewers and FMs	609	D1	Maintenance	7,067.61	2033
69						
70						
71	Sewers and FMs	317	A1	Maintenance	8,015.04	2034
72	Sewers and FMs	366	B8	Maintenance	4,172.28	2034
73	Sewers and FMs	400	D2	Maintenance	10,924.85	2034
74	Sewers and FMs	435	E2	Maintenance	5,215.35	2034
75	Sewers and FMs	628	F1	Maintenance	14,087.30	2034
76	Sewers and FMs	646	H3	Maintenance	7,710.12	2034
77						
78						
79	Sewers and FMs	318	A1	Maintenance	6,516.58	2035
80	Sewers and FMs	436	E2	Maintenance	13,982.76	2035
81	Sewers and FMs	441	E2	Maintenance	14,662.30	2035
82	Sewers and FMs	620	E2	Maintenance	12,928.61	2035
83	Sewers and FMs	633	F3	Maintenance	2,012.47	2035
84						
85						
86	Sewers and FMs	359	B5	Maintenance	6,696.98	2036
87	Sewers and FMs	378	B12	Maintenance	7,230.37	2036
88	Sewers and FMs	403	D2	Maintenance	10,301.94	2036
89	Sewers and FMs	579	A1	Maintenance	5,318.68	2036
90	Sewers and FMs	587	A2	Maintenance	6,388.80	2036
91	Sewers and FMs	588	A3	Maintenance	14,662.30	2036
92						
93						
94	Sewers and FMs	368	B9	Rehabilitation	48,893.88	2037

95						
96						
97	Sewers and FMs	320	A1	Maintenance	4,312.44	2038
98	Sewers and FMs	323	A2	Rehabilitation	12,125.68	2038
99	Sewers and FMs	431	E1	Maintenance	9,801.00	2038
100	Sewers and FMs	596	B1	Maintenance	5,654.09	2038
101	Sewers and FMs	634	F4	Maintenance	5,606.17	2038
102	Sewers and FMs	640	H1	Maintenance	14,355.63	2038
103						
104						
105	Sewers and FMs	335	A6	Maintenance	1,089.00	2039
106	Sewers and FMs	377	B12	Maintenance	6,540.53	2039
107	Sewers and FMs	409	D4	Maintenance	5,140.08	2039
108	Sewers and FMs	426	E1	Maintenance	12,458.16	2039
109	Sewers and FMs	618	E2	Maintenance	10,158.19	2039
110	Sewers and FMs	637	G1	Maintenance	9,321.84	2039
111	Sewers and FMs	641	H1	Maintenance	4,660.92	2039
112						
113						
114	Sewers and FMs	358	B5	Maintenance	12,209.00	2040
115	Sewers and FMs	370	B9	Maintenance	12,937.32	2040
116	Sewers and FMs	604	B3	Maintenance	14,087.30	2040
117	Sewers and FMs	616	E1	Maintenance	9,278.28	2040
118						
119						
120	Sewers and FMs	439	E2	Maintenance	2,613.60	2041
121	Sewers and FMs	582	A1	Maintenance	10,158.19	2041
122	Sewers and FMs	586	A2	Rehabilitation	38,332.80	2041

Line #	Asset Class	Asset ID	Treatment Description	Forecast Cost (\$)	Forecast Year
1	Lagoon City WT	334169	Maintenance	10,000.00	2022
2	Lagoon City WT	334071	Rehabilitation	30,000.00	2022
3	Lagoon City WT	334090	Reconstruction	45,000.00	2022
4	Lagoon City WT	334128	Maintenance	10,000.00	2022
5	Lagoon City WT	1610-TBD3	Maintenance	20,000.00	2022
6	Lagoon City WT	1610-TBD4	Reconstruction	50,000.00	2022
7					
8					
9	Lagoon City WT	334069	Reconstruction	50,000.00	2023
10	Lagoon City WT	334090	Maintenance	10,000.00	2023
11	Lagoon City WT	334097	Reconstruction	20,000.00	2023
12	Lagoon City WT	336809	Maintenance	250,000.00	2023
13					
14					
15	Lagoon City WT	334046	Rehabilitation	35,000.00	2024
16	Lagoon City WT	336809	Maintenance	165,000.00	2024
17					
18					
19	Lagoon City WT	334073	Reconstruction	45,000.00	2025
20					
21					
22	Lagoon City WT	334165	Rehabilitation	4,725.00	2026
23	Lagoon City WT	336811	Rehabilitation	1,350.00	2026
24	Lagoon City WT	336810	Rehabilitation	1,170.00	2026
25	Lagoon City WT	334161	Rehabilitation	2,925.00	2026
26	Lagoon City WT	334168	Maintenance	12,000.00	2026
27	Lagoon City WT	334070	Rehabilitation	5,850.00	2026
28	Lagoon City WT	334056	Maintenance	3,600.00	2026
29	Lagoon City WT	334048	Reconstruction	90,000.00	2026
30	Lagoon City WT	334041	Maintenance	350.00	2026

31	Lagoon City WT	1610-TBD2	Maintenance	40,000.00	2026
32					
33					
34	Lagoon City WT	334080	Rehabilitation	6,750.00	2027
35	Lagoon City WT	334040	Rehabilitation	1,170.00	2027
36	Lagoon City WT	327413	Rehabilitation	13,500.00	2027
37	Lagoon City WT	334064	Rehabilitation	4,950.00	2027
38	Lagoon City WT	334067	Rehabilitation	6,700.00	2027
39	Lagoon City WT	334063	Rehabilitation	6,500.00	2027
40	Lagoon City WT	334078	Rehabilitation	6,300.00	2027
41	Lagoon City WT	334177	Rehabilitation	2,700.00	2027
42	Lagoon City WT	334178	Rehabilitation	3,600.00	2027
43	Lagoon City WT	334179	Maintenance	1,800.00	2027
44	Lagoon City WT	334089	Rehabilitation	6,750.00	2027
45	Lagoon City WT	334107	Rehabilitation	27,000.00	2027
46	Lagoon City WT	334061	Reconstruction	7,800.00	2027
47	Lagoon City WT	334034	Rehabilitation	36,500.00	2027
48	Lagoon City WT	334072	Rehabilitation	5,850.00	2027
49	Lagoon City WT	334055	Rehabilitation	5,850.00	2027
50	Lagoon City WT	334054	Reconstruction	7,800.00	2027
51	Lagoon City WT	334066	Maintenance	2,250.00	2027
52	Lagoon City WT	327397	Reconstruction	8,600.00	2027
53	Lagoon City WT	334035	Reconstruction	8,400.00	2027
54	Lagoon City WT	334060	Maintenance	2,250.00	2027
55	Lagoon City WT	334059	Rehabilitation	7,500.00	2027
56	Lagoon City WT	334058	Rehabilitation	7,700.00	2027
57	Lagoon City WT	334030	Rehabilitation	10,125.00	2027
58	Lagoon City WT	334036	Rehabilitation	8,775.00	2027
59	Lagoon City WT	327398	Rehabilitation	10,125.00	2027
60	Lagoon City WT	334085	Maintenance	250.00	2027
61	Lagoon City WT	334082	Maintenance	400.00	2027
62	Lagoon City WT	334032	Rehabilitation	3,800.00	2027

63	Lagoon City WT	334091	Rehabilitation	2,475.00	2027
64	Lagoon City WT	334137	Rehabilitation	1,350.00	2027
65	Lagoon City WT	334126	Rehabilitation	2,700.00	2027
66	Lagoon City WT	334115	Reconstruction	3,280.00	2027
67	Lagoon City WT	334105	Maintenance	900.00	2027
68	Lagoon City WT	334043	Rehabilitation	2,520.00	2027
69	Lagoon City WT	334117	Rehabilitation	1,350.00	2027
70	Lagoon City WT	334118	Reconstruction	1,580.00	2027
71	Lagoon City WT	327401	Rehabilitation	1,170.00	2027
72	Lagoon City WT	327410	Rehabilitation	990.00	2027
73	Lagoon City WT	334145	Rehabilitation	1,350.00	2027
74	Lagoon City WT	327408	Rehabilitation	1,080.00	2027
75	Lagoon City WT	327409	Rehabilitation	990.00	2027
76	Lagoon City WT	334146	Rehabilitation	1,260.00	2027
77	Lagoon City WT	334042	Maintenance	360.00	2027
78					
79					
80	Lagoon City WT	334057	Rehabilitation	5,850.00	2028
81	Lagoon City WT	334049	Rehabilitation	6,750.00	2028
82	Lagoon City WT	334084	Maintenance	300.00	2028
83	Lagoon City WT	334142	Rehabilitation	1,170.00	2028
84	Lagoon City WT	334133	Rehabilitation	1,080.00	2028
85	Lagoon City WT	334164	Reconstruction	3,200.00	2028
86	Lagoon City WT	334037	Reconstruction	3,520.00	2028
87	Lagoon City WT	334114	Rehabilitation	1,540.00	2028
88	Lagoon City WT	1610-TBD1	Maintenance	20,000.00	2028
89					
90					
91	Lagoon City WT	334065	Rehabilitation	5,850.00	2029
92	Lagoon City WT	334068	Rehabilitation	6,750.00	2029
93	Lagoon City WT	334158	Maintenance	1,125.00	2029
94	Lagoon City WT	334062	Rehabilitation	7,600.00	2029

95	Lagoon City WT	334033	Rehabilitation	35,500.00	2029
96	Lagoon City WT	334052	Rehabilitation	5,400.00	2029
97	Lagoon City WT	334031	Reconstruction	11,850.00	2029
98	Lagoon City WT	334044	Rehabilitation	5,400.00	2029
99	Lagoon City WT	334139	Reconstruction	1,900.00	2029
100	Lagoon City WT	334138	Reconstruction	1,920.00	2029
101	Lagoon City WT	334125	Reconstruction	3,240.00	2029
102	Lagoon City WT	334116	Rehabilitation	2,960.00	2029
103	Lagoon City WT	334101	Rehabilitation	1,350.00	2029
104	Lagoon City WT	334103	Reconstruction	1,580.00	2029
105	Lagoon City WT	334113	Maintenance	720.00	2029
106	Lagoon City WT	334124	Maintenance	450.00	2029
107	Lagoon City WT	327411	Rehabilitation	1,080.00	2029
108	Lagoon City WT	334108	Reconstruction	3,440.00	2029
109	Lagoon City WT	334087	Reconstruction	3,520.00	2029
110	Lagoon City WT	327402	Rehabilitation	2,340.00	2029
111					
112					
113	Lagoon City WT	334144	Rehabilitation	2,700.00	2030
114	Lagoon City WT	334111	Rehabilitation	2,025.00	2030
115	Lagoon City WT	334123	Rehabilitation	1,755.00	2030
116	Lagoon City WT	334112	Rehabilitation	990.00	2030
117	Lagoon City WT	334100	Reconstruction	1,640.00	2030
118	Lagoon City WT	334102	Reconstruction	1,680.00	2030
119	Lagoon City WT	334074	Reconstruction	1,800.00	2030
120					
121					
122	Lagoon City WT	334134	Rehabilitation	5,400.00	2031
123	Lagoon City WT	327405	Rehabilitation	990.00	2031
124	Lagoon City WT	334053	Rehabilitation	6,750.00	2031
125	Lagoon City WT	334122	Rehabilitation	2,025.00	2031
126	Lagoon City WT	334106	Rehabilitation	2,700.00	2031

127	Lagoon City WT	334038	Rehabilitation	1,170.00	2031
128	Lagoon City WT	327404	Rehabilitation	1,350.00	2031
129	Lagoon City WT	334092	Reconstruction	3,400.00	2031
130	Lagoon City WT	327399	Rehabilitation	2,700.00	2031
131	Lagoon City WT	1610-TBD3	Maintenance	50,000.00	2031
132					
133					
134	Lagoon City WT	334152	Reconstruction	4,750.00	2032
135	Lagoon City WT	334149	Rehabilitation	1,350.00	2032
136	Lagoon City WT	334154	Rehabilitation	5,400.00	2032
137	Lagoon City WT	334140	Maintenance	450.00	2032
138	Lagoon City WT	334119	Maintenance	540.00	2032
139	Lagoon City WT	334093	Rehabilitation	1,950.00	2032
140	Lagoon City WT	327403	Rehabilitation	1,755.00	2032
141	Lagoon City WT	327407	Maintenance	450.00	2032
142	Lagoon City WT	334096	Maintenance	100.00	2032
143					
144					
145	Lagoon City WT	327414	Rehabilitation	6,800.00	2033
146	Lagoon City WT	334051	Reconstruction	7,800.00	2033
147	Lagoon City WT	327406	Reconstruction	1,720.00	2033
148	Lagoon City WT	334086	Reconstruction	1,672.00	2033
149	Lagoon City WT	334094	Maintenance	120.00	2033
150	Lagoon City WT	334180	Rehabilitation	33,750.00	2033
151					
152					
153	Lagoon City WT	334170	Rehabilitation	1,350.00	2034
154	Lagoon City WT	334147	Rehabilitation	1,300.00	2034
155	Lagoon City WT	334155	Maintenance	450.00	2034
156	Lagoon City WT	334077	Rehabilitation	6,500.00	2034
157	Lagoon City WT	327412	Rehabilitation	6,700.00	2034
158	Lagoon City WT	334176	Rehabilitation	585.00	2034

159	Lagoon City WT	334153	Reconstruction	6,320.00	2034
160	Lagoon City WT	334143	Rehabilitation	1,170.00	2034
161	Lagoon City WT	334120	Reconstruction	2,790.00	2034
162	Lagoon City WT	334099	Reconstruction	2,400.00	2034
163	Lagoon City WT	334088	Maintenance	1,350.00	2034
164	Lagoon City WT	334174	Rehabilitation	1,170.00	2034
165					
166					
167	Lagoon City WT	334079	Rehabilitation	6,300.00	2035
168	Lagoon City WT	334141	Rehabilitation	1,400.00	2035
169	Lagoon City WT	327400	Rehabilitation	2,025.00	2035
170	Lagoon City WT	334110	Rehabilitation	3,750.00	2035
171					
172					
173	Lagoon City WT	334136	Reconstruction	1,900.00	2036
174	Lagoon City WT	334109	Maintenance	1,125.00	2036
175	Lagoon City WT	334098	Rehabilitation	3,375.00	2036
176					
177					
178	Lagoon City WT	334175	Reconstruction	1,880.00	2038
179	Lagoon City WT	334131	Maintenance	1,800.00	2038
180	Lagoon City WT	334132	Rehabilitation	5,760.00	2038
181					
182					
183	Lagoon City WT	334160	Rehabilitation	3,375.00	2039
184	Lagoon City WT	327395	Rehabilitation	3,960.00	2039
185					
186					
187	Lagoon City WT	334075	Rehabilitation	6,100.00	2040
188	Lagoon City WT	334081	Maintenance	2,700.00	2040
189	Lagoon City WT	334159	Rehabilitation	3,700.00	2040
190	Lagoon City WT	334169	Maintenance	10,000.00	2040

191	Lagoon City WT	334069	Reconstruction	39,000.00	2040
192	Lagoon City WT	334095	Reconstruction	1,620.00	2040
193	Lagoon City WT	334121	Rehabilitation	1,350.00	2040
194					
195					
196	Lagoon City WT	334162	Maintenance	720.00	2041
197	Lagoon City WT	334050	Rehabilitation	10,200.00	2041
198	Lagoon City WT	334157	Rehabilitation	2,925.00	2041
199	Lagoon City WT	334071	Maintenance	9,000.00	2041

Line #	Asset Class	Index	Asset ID	Treatment Description	Forecast Cost (\$)	Forecast Year
1	Lagoon City WWT	16	336661	Reconstruction	60,000.00	2022
2	Lagoon City WWT	17	336662	Reconstruction	55,000.00	2022
3	Lagoon City WWT	37	336644	Reconstruction	165,000.00	2022
4	Lagoon City WWT	38	336645	Reconstruction	150,000.00	2022
5	Lagoon City WWT	44	336648	Reconstruction	10,000.00	2022
6	Lagoon City WWT	45	336650	Reconstruction	10,000.00	2022
7	Lagoon City WWT	46	336652	Reconstruction	10,000.00	2022
8	Lagoon City WWT	47	336649	Reconstruction	10,000.00	2022
9	Lagoon City WWT	48	336651	Reconstruction	10,000.00	2022
10	Lagoon City WWT	49	336653	Reconstruction	10,000.00	2022
11	Lagoon City WWT	356	336515	Reconstruction	60,000.00	2022
12	Lagoon City WWT	363	336508	Reconstruction	32,000.00	2022
13	Lagoon City WWT	368	TBD5	Maintenance	90,000.00	2022
14						
15						
16	Lagoon City WWT	24	336767	Reconstruction	50,000.00	2023
17	Lagoon City WWT	257	336512	Reconstruction	10,000.00	2023
18	Lagoon City WWT	273	336617	Maintenance	135,000.00	2023
19	Lagoon City WWT	338	334230	Reconstruction	20,000.00	2023
20						
21						
22	Lagoon City WWT	57	336667	Reconstruction	55,000.00	2024
23	Lagoon City WWT	58	336668	Reconstruction	55,000.00	2024
24	Lagoon City WWT	65	336674	Reconstruction	2,500.00	2024
25	Lagoon City WWT	66	336675	Reconstruction	2,500.00	2024
26						
27						
28	Lagoon City WWT	3	336682	Reconstruction	40,000.00	2025
29	Lagoon City WWT	4	336683	Reconstruction	40,000.00	2025
30	Lagoon City WWT	5	336684	Reconstruction	40,000.00	2025

31	Lagoon City WWT	257	336512	Reconstruction	25,000.00	2025
32						
33						
34	Lagoon City WWT	25	336765	Reconstruction	60,000.00	2026
35	Lagoon City WWT	26	336766	Reconstruction	60,000.00	2026
36						
37						
38	Lagoon City WWT	63	336672	Rehabilitation	2,160.00	2027
39	Lagoon City WWT	82	336769	Rehabilitation	6,750.00	2027
40	Lagoon City WWT	103	336784	Rehabilitation	29,250.00	2027
41	Lagoon City WWT	215	336544	Rehabilitation	7,400.00	2027
42	Lagoon City WWT	220	336537	Maintenance	1,000.00	2027
43	Lagoon City WWT	237	334192	Maintenance	360.00	2027
44	Lagoon City WWT	238	334193	Maintenance	225.00	2027
45	Lagoon City WWT	288	336518	Maintenance	1,800.00	2027
46	Lagoon City WWT	292	334244	Maintenance	75,000.00	2027
47	Lagoon City WWT	295	336568	Rehabilitation	1,755.00	2027
48	Lagoon City WWT	299	336602	Rehabilitation	540.00	2027
49	Lagoon City WWT	301	334242	Maintenance	1,800.00	2027
50	Lagoon City WWT	318	336575	Reconstruction	1,700.00	2027
51	Lagoon City WWT	327	334221	Maintenance	600.00	2027
52	Lagoon City WWT	328	334182	Maintenance	500.00	2027
53	Lagoon City WWT	332	334218	Rehabilitation	3,850.00	2027
54	Lagoon City WWT	337	334229	Reconstruction	20,000.00	2027
55	Lagoon City WWT	339	336555	Reconstruction	20,000.00	2027
56	Lagoon City WWT	351	336517	Rehabilitation	5,200.00	2027
57	Lagoon City WWT	371	TBD8	Maintenance	40,000.00	2027
58						
59						
60	Lagoon City WWT	14	336692	Rehabilitation	1,350.00	2028
61	Lagoon City WWT	15	336698	Rehabilitation	5,850.00	2028
62	Lagoon City WWT	35	336630	Rehabilitation	5,850.00	2028

63	Lagoon City WWT	36	336663	Rehabilitation	6,750.00	2028
64	Lagoon City WWT	41	336631	Maintenance	1,440.00	2028
65	Lagoon City WWT	64	336673	Reconstruction	3,120.00	2028
66	Lagoon City WWT	162	336586	Rehabilitation	7,500.00	2028
67	Lagoon City WWT	165	336604	Rehabilitation	2,925.00	2028
68	Lagoon City WWT	171	336565	Rehabilitation	2,500.00	2028
69	Lagoon City WWT	173	336532	Reconstruction	1,900.00	2028
70	Lagoon City WWT	174	336540	Rehabilitation	1,350.00	2028
71	Lagoon City WWT	175	336620	Rehabilitation	1,170.00	2028
72	Lagoon City WWT	176	336577	Rehabilitation	1,350.00	2028
73	Lagoon City WWT	177	336549	Rehabilitation	1,170.00	2028
74	Lagoon City WWT	187	336570	Rehabilitation	1,170.00	2028
75	Lagoon City WWT	191	336523	Rehabilitation	1,360.00	2028
76	Lagoon City WWT	201	336551	Rehabilitation	1,360.00	2028
77	Lagoon City WWT	202	336622	Reconstruction	1,560.00	2028
78	Lagoon City WWT	203	336623	Maintenance	540.00	2028
79	Lagoon City WWT	205	336542	Reconstruction	950.00	2028
80	Lagoon City WWT	206	336545	Reconstruction	940.00	2028
81	Lagoon City WWT	213	336621	Maintenance	360.00	2028
82	Lagoon City WWT	214	336578	Maintenance	225.00	2028
83	Lagoon City WWT	232	334198	Rehabilitation	1,350.00	2028
84	Lagoon City WWT	233	336587	Rehabilitation	585.00	2028
85	Lagoon City WWT	236	334190	Reconstruction	780.00	2028
86	Lagoon City WWT	241	336529	Maintenance	2,250.00	2028
87	Lagoon City WWT	249	336598	Reconstruction	1,580.00	2028
88	Lagoon City WWT	250	336505	Rehabilitation	675.00	2028
89	Lagoon City WWT	251	334224	Rehabilitation	2,925.00	2028
90	Lagoon City WWT	252	334223	Rehabilitation	1,350.00	2028
91	Lagoon City WWT	280	334213	Reconstruction	6,400.00	2028
92	Lagoon City WWT	281	334238	Reconstruction	4,050.00	2028
93	Lagoon City WWT	282	334240	Rehabilitation	7,400.00	2028
94	Lagoon City WWT	287	334241	Reconstruction	9,300.00	2028

95	Lagoon City WWT	293	336563	Maintenance	45,000.00	2028
96	Lagoon City WWT	297	336628	Rehabilitation	29,250.00	2028
97	Lagoon City WWT	298	336576	Rehabilitation	1,350.00	2028
98	Lagoon City WWT	300	336569	Rehabilitation	2,475.00	2028
99	Lagoon City WWT	316	336593	Reconstruction	1,720.00	2028
100	Lagoon City WWT	319	336567	Reconstruction	1,760.00	2028
101	Lagoon City WWT	320	336573	Rehabilitation	1,350.00	2028
102	Lagoon City WWT	323	336601	Rehabilitation	1,080.00	2028
103	Lagoon City WWT	324	334217	Rehabilitation	24,750.00	2028
104	Lagoon City WWT	326	334222	Maintenance	2,250.00	2028
105	Lagoon City WWT	335	336521	Maintenance	2,700.00	2028
106	Lagoon City WWT	346	334232	Rehabilitation	10,125.00	2028
107	Lagoon City WWT	353	334204	Maintenance	1,800.00	2028
108	Lagoon City WWT	357	334200	Rehabilitation	2,925.00	2028
109						
110						
111	Lagoon City WWT	7	336659	Rehabilitation	650.00	2029
112	Lagoon City WWT	10	336688	Maintenance	900.00	2029
113	Lagoon City WWT	12	336690	Maintenance	450.00	2029
114	Lagoon City WWT	13	336691	Rehabilitation	1,170.00	2029
115	Lagoon City WWT	29	336779	Rehabilitation	2,720.00	2029
116	Lagoon City WWT	43	336654	Rehabilitation	7,400.00	2029
117	Lagoon City WWT	56	336677	Rehabilitation	7,300.00	2029
118	Lagoon City WWT	123	336704	Rehabilitation	2,925.00	2029
119	Lagoon City WWT	124	336712	Rehabilitation	3,375.00	2029
120	Lagoon City WWT	132	336743	Reconstruction	7,900.00	2029
121	Lagoon City WWT	134	336748	Rehabilitation	3,375.00	2029
122	Lagoon City WWT	163	334167	Maintenance	13,500.00	2029
123	Lagoon City WWT	164	336583	Rehabilitation	33,750.00	2029
124	Lagoon City WWT	184	336591	Maintenance	450.00	2029
125	Lagoon City WWT	185	334214	Rehabilitation	1,170.00	2029
126	Lagoon City WWT	200	336552	Rehabilitation	1,340.00	2029

127	Lagoon City WWT	209	336546	Rehabilitation	585.00	2029
128	Lagoon City WWT	210	336547	Rehabilitation	675.00	2029
129	Lagoon City WWT	211	336533	Rehabilitation	540.00	2029
130	Lagoon City WWT	212	336541	Rehabilitation	720.00	2029
131	Lagoon City WWT	244	334188	Reconstruction	860.00	2029
132	Lagoon City WWT	254	336550	Rehabilitation	1,350.00	2029
133	Lagoon City WWT	286	334236	Rehabilitation	6,300.00	2029
134	Lagoon City WWT	290	336520	Reconstruction	8,000.00	2029
135	Lagoon City WWT	322	336572	Rehabilitation	1,350.00	2029
136	Lagoon City WWT	325	334219	Maintenance	18,000.00	2029
137	Lagoon City WWT	333	334184	Maintenance	2,250.00	2029
138	Lagoon City WWT	336	334228	Rehabilitation	10,125.00	2029
139	Lagoon City WWT	340	336556	Maintenance	750.00	2029
140	Lagoon City WWT	344	336560	Reconstruction	13,350.00	2029
141	Lagoon City WWT	345	334231	Reconstruction	14,250.00	2029
142	Lagoon City WWT	352	334203	Rehabilitation	2,475.00	2029
143	Lagoon City WWT	367	TBD4	Rehabilitation	50,000.00	2029
144						
145						
146	Lagoon City WWT	22	336696	Rehabilitation	1,300.00	2030
147	Lagoon City WWT	30	336780	Reconstruction	1,560.00	2030
148	Lagoon City WWT	55	336671	Rehabilitation	7,100.00	2030
149	Lagoon City WWT	120	336706	Rehabilitation	1,350.00	2030
150	Lagoon City WWT	167	336553	Rehabilitation	32,500.00	2030
151	Lagoon City WWT	188	336606	Rehabilitation	1,350.00	2030
152	Lagoon City WWT	190	336522	Rehabilitation	1,350.00	2030
153	Lagoon City WWT	204	336618	Reconstruction	1,760.00	2030
154	Lagoon City WWT	208	336538	Rehabilitation	675.00	2030
155	Lagoon City WWT	219	336611	Rehabilitation	5,850.00	2030
156	Lagoon City WWT	229	334209	Rehabilitation	5,850.00	2030
157	Lagoon City WWT	240	334235	Rehabilitation	770.00	2030
158	Lagoon City WWT	245	336503	Reconstruction	1,680.00	2030

159	Lagoon City WWT	272	336616	Maintenance	75,000.00	2030
160	Lagoon City WWT	279	336600	Rehabilitation	4,320.00	2030
161	Lagoon City WWT	310	336640	Rehabilitation	2,700.00	2030
162	Lagoon City WWT	314	336594	Maintenance	450.00	2030
163	Lagoon City WWT	331	334220	Maintenance	60,000.00	2030
164	Lagoon City WWT	341	336557	Maintenance	1,500.00	2030
165	Lagoon City WWT	343	336559	Rehabilitation	7,500.00	2030
166	Lagoon City WWT	350	334202	Rehabilitation	5,400.00	2030
167						
168						
169	Lagoon City WWT	122	336740	Rehabilitation	3,375.00	2031
170	Lagoon City WWT	130	336747	Maintenance	2,250.00	2031
171	Lagoon City WWT	138	336715	Rehabilitation	33,750.00	2031
172	Lagoon City WWT	143	336701	Reconstruction	4,180.00	2031
173	Lagoon City WWT	158	336725	Rehabilitation	3,150.00	2031
174	Lagoon City WWT	172	336584	Reconstruction	4,450.00	2031
175	Lagoon City WWT	183	334210	Rehabilitation	1,350.00	2031
176	Lagoon City WWT	207	336548	Rehabilitation	585.00	2031
177	Lagoon City WWT	218	336612	Rehabilitation	6,750.00	2031
178	Lagoon City WWT	223	334227	Rehabilitation	5,400.00	2031
179	Lagoon City WWT	239	334234	Rehabilitation	675.00	2031
180	Lagoon City WWT	291	334239	Reconstruction	40,500.00	2031
181	Lagoon City WWT	296	336574	Rehabilitation	2,025.00	2031
182	Lagoon City WWT	312	336626	Rehabilitation	1,980.00	2031
183	Lagoon City WWT	342	336558	Maintenance	3,000.00	2031
184	Lagoon City WWT	348	336536	Rehabilitation	6,750.00	2031
185	Lagoon City WWT	355	336516	Rehabilitation	3,375.00	2031
186	Lagoon City WWT	362	336509	Rehabilitation	33,750.00	2031
187	Lagoon City WWT	367	TBD4	Rehabilitation	63,000.00	2031
188						
189						
190	Lagoon City WWT	67	336772	Rehabilitation	1,350.00	2032

191	Lagoon City WWT	73	336763	Reconstruction	8,400.00	2032
192	Lagoon City WWT	91	336787	Maintenance	100.00	2032
193	Lagoon City WWT	156	336720	Maintenance	100.00	2032
194	Lagoon City WWT	157	336721	Reconstruction	1,800.00	2032
195	Lagoon City WWT	189	336524	Rehabilitation	1,170.00	2032
196	Lagoon City WWT	192	336534	Rehabilitation	990.00	2032
197	Lagoon City WWT	242	336535	Reconstruction	7,800.00	2032
198	Lagoon City WWT	246	336502	Maintenance	11,250.00	2032
199	Lagoon City WWT	270	336562	Rehabilitation	36,000.00	2032
200	Lagoon City WWT	271	336615	Maintenance	30,000.00	2032
201	Lagoon City WWT	275	336581	Rehabilitation	117,000.00	2032
202	Lagoon City WWT	302	336603	Maintenance	1,125.00	2032
203	Lagoon City WWT	349	334195	Rehabilitation	2,925.00	2032
204						
205						
206	Lagoon City WWT	6	336686	Rehabilitation	675.00	2033
207	Lagoon City WWT	11	336689	Rehabilitation	2,700.00	2033
208	Lagoon City WWT	18	336660	Rehabilitation	675.00	2033
209	Lagoon City WWT	20	336694	Rehabilitation	1,980.00	2033
210	Lagoon City WWT	23	336697	Rehabilitation	1,260.00	2033
211	Lagoon City WWT	28	336781	Rehabilitation	2,680.00	2033
212	Lagoon City WWT	59	336658	Rehabilitation	585.00	2033
213	Lagoon City WWT	60	336669	Rehabilitation	675.00	2033
214	Lagoon City WWT	74	336757	Maintenance	2,250.00	2033
215	Lagoon City WWT	95	336796	Rehabilitation	7,600.00	2033
216	Lagoon City WWT	99	336800	Rehabilitation	7,000.00	2033
217	Lagoon City WWT	217	334226	Rehabilitation	29,250.00	2033
218	Lagoon City WWT	235	334194	Rehabilitation	540.00	2033
219	Lagoon City WWT	247	336501	Rehabilitation	37,500.00	2033
220	Lagoon City WWT	253	334225	Rehabilitation	1,170.00	2033
221	Lagoon City WWT	266	336625	Maintenance	800.00	2033
222	Lagoon City WWT	276	334206	Rehabilitation	6,750.00	2033

223	Lagoon City WWT	278	336554	Rehabilitation	6,750.00	2033
224	Lagoon City WWT	285	334212	Maintenance	1,125.00	2033
225	Lagoon City WWT	289	336526	Rehabilitation	6,500.00	2033
226	Lagoon City WWT	303	336643	Rehabilitation	1,350.00	2033
227	Lagoon City WWT	330	334181	Rehabilitation	31,500.00	2033
228	Lagoon City WWT	334	334185	Rehabilitation	7,500.00	2033
229	Lagoon City WWT	354	334205	Maintenance	1,125.00	2033
230	Lagoon City WWT	365	TBD2	Maintenance	60,000.00	2033
231						
232						
233	Lagoon City WWT	9	336687	Maintenance	1,440.00	2034
234	Lagoon City WWT	21	336695	Rehabilitation	2,680.00	2034
235	Lagoon City WWT	39	336664	Rehabilitation	540.00	2034
236	Lagoon City WWT	68	336773	Rehabilitation	1,540.00	2034
237	Lagoon City WWT	70	336753	Reconstruction	7,800.00	2034
238	Lagoon City WWT	80	336751	Rehabilitation	6,750.00	2034
239	Lagoon City WWT	83	336770	Rehabilitation	5,400.00	2034
240	Lagoon City WWT	86	336758	Maintenance	2,250.00	2034
241	Lagoon City WWT	87	336776	Rehabilitation	2,700.00	2034
242	Lagoon City WWT	92	336792	Maintenance	300.00	2034
243	Lagoon City WWT	98	336797	Rehabilitation	7,200.00	2034
244	Lagoon City WWT	104	336785	Rehabilitation	33,750.00	2034
245	Lagoon City WWT	121	336699	Reconstruction	1,580.00	2034
246	Lagoon City WWT	125	336724	Rehabilitation	585.00	2034
247	Lagoon City WWT	135	336749	Reconstruction	4,100.00	2034
248	Lagoon City WWT	169	336589	Maintenance	100.00	2034
249	Lagoon City WWT	182	334196	Maintenance	450.00	2034
250	Lagoon City WWT	225	334197	Rehabilitation	7,600.00	2034
251	Lagoon City WWT	228	334207	Rehabilitation	7,300.00	2034
252	Lagoon City WWT	277	336596	Rehabilitation	2,925.00	2034
253	Lagoon City WWT	305	336609	Rehabilitation	1,170.00	2034
254	Lagoon City WWT	317	336592	Reconstruction	1,760.00	2034

255	Lagoon City WWT	365	TBD2	Maintenance	120,000.00	2034
256						
257						
258	Lagoon City WWT	72	336762	Reconstruction	8,600.00	2035
259	Lagoon City WWT	159	336504	Maintenance	900.00	2035
260	Lagoon City WWT	160	336585	Rehabilitation	3,850.00	2035
261	Lagoon City WWT	161	334045	Maintenance	2,250.00	2035
262	Lagoon City WWT	180	336531	Rehabilitation	990.00	2035
263	Lagoon City WWT	248	334243	Rehabilitation	1,540.00	2035
264	Lagoon City WWT	256	336514	Rehabilitation	4,950.00	2035
265	Lagoon City WWT	304	336639	Reconstruction	1,580.00	2035
266	Lagoon City WWT	366	TBD3	Rehabilitation	130,000.00	2035
267	Lagoon City WWT	366	TBD3	Rehabilitation	65,000.00	2035
268						
269						
270	Lagoon City WWT	76	336771	Rehabilitation	7,700.00	2036
271	Lagoon City WWT	90	336808	Rehabilitation	1,350.00	2036
272	Lagoon City WWT	97	336798	Rehabilitation	7,400.00	2036
273	Lagoon City WWT	126	336739	Rehabilitation	6,750.00	2036
274	Lagoon City WWT	139	336702	Rehabilitation	1,080.00	2036
275	Lagoon City WWT	141	336710	Maintenance	20,000.00	2036
276	Lagoon City WWT	142	336700	Maintenance	1,125.00	2036
277	Lagoon City WWT	166	334199	Rehabilitation	33,750.00	2036
278	Lagoon City WWT	181	334250	Maintenance	720.00	2036
279	Lagoon City WWT	193	336539	Rehabilitation	1,340.00	2036
280	Lagoon City WWT	198	334215	Rehabilitation	3,150.00	2036
281	Lagoon City WWT	226	336530	Reconstruction	7,800.00	2036
282	Lagoon City WWT	255	334208	Rehabilitation	5,400.00	2036
283	Lagoon City WWT	260	336641	Maintenance	11,250.00	2036
284	Lagoon City WWT	269	336561	Rehabilitation	37,000.00	2036
285	Lagoon City WWT	364	TBD1	Rehabilitation	49,500.00	2036
286	Lagoon City WWT	364	TBD1	Rehabilitation	24,750.00	2036

287						
288						
289	Lagoon City WWT	2	336685	Rehabilitation	6,750.00	2037
290	Lagoon City WWT	8	336680	Maintenance	25,000.00	2037
291	Lagoon City WWT	19	336693	Maintenance	45,000.00	2037
292	Lagoon City WWT	27	336782	Maintenance	20,000.00	2037
293	Lagoon City WWT	71	336754	Maintenance	1,800.00	2037
294	Lagoon City WWT	88	336775	Maintenance	900.00	2037
295	Lagoon City WWT	89	336774	Reconstruction	1,580.00	2037
296	Lagoon City WWT	96	336786	Rehabilitation	4,950.00	2037
297	Lagoon City WWT	101	336807	Reconstruction	9,500.00	2037
298	Lagoon City WWT	116	336707	Maintenance	540.00	2037
299	Lagoon City WWT	119	336705	Reconstruction	1,620.00	2037
300	Lagoon City WWT	129	336744	Maintenance	3,600.00	2037
301	Lagoon City WWT	216	336543	Maintenance	2,250.00	2037
302	Lagoon City WWT	227	336528	Rehabilitation	7,100.00	2037
303	Lagoon City WWT	258	336513	Maintenance	11,250.00	2037
304	Lagoon City WWT	263	336635	Maintenance	500.00	2037
305	Lagoon City WWT	268	336608	Rehabilitation	24,750.00	2037
306	Lagoon City WWT	313	336571	Reconstruction	1,720.00	2037
307	Lagoon City WWT	329	334183	Reconstruction	9,000.00	2037
308	Lagoon City WWT	347	334233	Rehabilitation	8,775.00	2037
309	Lagoon City WWT	360	336506	Rehabilitation	33,750.00	2037
310						
311						
312	Lagoon City WWT	42	336665	Maintenance	40,000.00	2038
313	Lagoon City WWT	61	336676	Rehabilitation	2,047.50	2038
314	Lagoon City WWT	75	336756	Rehabilitation	7,500.00	2038
315	Lagoon City WWT	78	336760	Rehabilitation	6,750.00	2038
316	Lagoon City WWT	110	336794	Rehabilitation	2,960.00	2038
317	Lagoon City WWT	112	336790	Reconstruction	1,640.00	2038
318	Lagoon City WWT	118	336737	Reconstruction	6,400.00	2038

319	Lagoon City WWT	127	336741	Rehabilitation	5,400.00	2038
320	Lagoon City WWT	128	336738	Rehabilitation	4,950.00	2038
321	Lagoon City WWT	131	336742	Rehabilitation	6,750.00	2038
322	Lagoon City WWT	137	336714	Rehabilitation	29,250.00	2038
323	Lagoon City WWT	140	336746	Rehabilitation	495.00	2038
324	Lagoon City WWT	145	336745	Reconstruction	1,760.00	2038
325	Lagoon City WWT	146	336750	Reconstruction	1,700.00	2038
326	Lagoon City WWT	150	336718	Rehabilitation	2,700.00	2038
327	Lagoon City WWT	199	336579	Rehabilitation	1,300.00	2038
328	Lagoon City WWT	220	336537	Maintenance	1,000.00	2038
329	Lagoon City WWT	222	334237	Rehabilitation	6,750.00	2038
330	Lagoon City WWT	230	336511	Rehabilitation	6,750.00	2038
331	Lagoon City WWT	234	334189	Rehabilitation	675.00	2038
332	Lagoon City WWT	257	336512	Maintenance	3,600.00	2038
333	Lagoon City WWT	264	336642	Maintenance	600.00	2038
334	Lagoon City WWT	265	336632	Maintenance	700.00	2038
335	Lagoon City WWT	283	336527	Rehabilitation	6,750.00	2038
336	Lagoon City WWT	295	336568	Rehabilitation	1,755.00	2038
337	Lagoon City WWT	306	336610	Rehabilitation	1,350.00	2038
338	Lagoon City WWT	308	336638	Reconstruction	1,680.00	2038
339	Lagoon City WWT	309	336637	Rehabilitation	2,340.00	2038
340	Lagoon City WWT	315	336595	Reconstruction	1,672.00	2038
341	Lagoon City WWT	321	336566	Rehabilitation	1,170.00	2038
342	Lagoon City WWT	332	334218	Rehabilitation	3,850.00	2038
343	Lagoon City WWT	351	336517	Rehabilitation	5,200.00	2038
344	Lagoon City WWT	361	336507	Rehabilitation	29,250.00	2038
345						
346						
347	Lagoon City WWT	34	336646	Reconstruction	4,700.00	2039
348	Lagoon City WWT	50	336678	Rehabilitation	6,750.00	2039
349	Lagoon City WWT	106	336783	Rehabilitation	675.00	2039
350	Lagoon City WWT	111	336795	Rehabilitation	2,700.00	2039

351	Lagoon City WWT	152	336726	Rehabilitation	990.00	2039
352	Lagoon City WWT	186	336582	Rehabilitation	1,350.00	2039
353	Lagoon City WWT	259	336634	Rehabilitation	33,750.00	2039
354	Lagoon City WWT	274	336580	Reconstruction	192,000.00	2039
355						
356						
357	Lagoon City WWT	31	336778	Maintenance	540.00	2040
358	Lagoon City WWT	40	336655	Rehabilitation	7,200.00	2040
359	Lagoon City WWT	54	336670	Reconstruction	3,900.00	2040
360	Lagoon City WWT	62	336666	Maintenance	35,000.00	2040
361	Lagoon City WWT	77	336759	Reconstruction	7,900.00	2040
362	Lagoon City WWT	81	336764	Rehabilitation	5,850.00	2040
363	Lagoon City WWT	105	336802	Rehabilitation	5,850.00	2040
364	Lagoon City WWT	108	336799	Reconstruction	1,600.00	2040
365	Lagoon City WWT	109	336805	Reconstruction	1,620.00	2040
366	Lagoon City WWT	117	336703	Rehabilitation	5,200.00	2040
367	Lagoon City WWT	133	336711	Rehabilitation	5,850.00	2040
368	Lagoon City WWT	144	336709	Reconstruction	860.00	2040
369	Lagoon City WWT	155	336719	Maintenance	120.00	2040
370	Lagoon City WWT	178	336619	Rehabilitation	1,350.00	2040
371	Lagoon City WWT	179	336614	Rehabilitation	1,300.00	2040
372	Lagoon City WWT	221	336525	Maintenance	1,200.00	2040
373	Lagoon City WWT	231	336510	Rehabilitation	5,850.00	2040
374	Lagoon City WWT	243	334187	Maintenance	1,800.00	2040
375	Lagoon City WWT	292	334244	Maintenance	75,000.00	2040
376	Lagoon City WWT	301	334242	Maintenance	1,800.00	2040
377	Lagoon City WWT	307	336636	Reconstruction	1,640.00	2040
378	Lagoon City WWT	338	334230	Rehabilitation	13,500.00	2040
379						
380						
381	Lagoon City WWT	15		Rehabilitation	5,850.00	2041
382	Lagoon City WWT	57		Rehabilitation	29,250.00	2041

383	Lagoon City WWT	84		Rehabilitation	495.00	2041
384	Lagoon City WWT	114		Rehabilitation	1,260.00	2041
385	Lagoon City WWT	136		Reconstruction	42,000.00	2041
386	Lagoon City WWT	147		Reconstruction	4,400.00	2041
387	Lagoon City WWT	170		Maintenance	200.00	2041
388	Lagoon City WWT	261		Reconstruction	39,500.00	2041
389	Lagoon City WWT	267		Rehabilitation	38,000.00	2041
390	Lagoon City WWT	288		Maintenance	1,800.00	2041
391	Lagoon City WWT	293		Maintenance	45,000.00	2041
392	Lagoon City WWT	339		Reconstruction	20,000.00	2041
	Asset			Treatment	Forecast	Forecast
Line #	Class	Asset ID	Facility	Description	Cost (\$)	Year
1	Park Lane WT	66	343450	Maintenance	10,000.00	2023
2						
3						
4	Park Lane WT	66	343450	Maintenance	10,000.00	2024
5						
6						
7	Park Lane WT	16	343453	Rehabilitation	16,875.00	2027
8	Park Lane WT	17	343447	Rehabilitation	1,755.00	2027
9	Park Lane WT	57	343449	Rehabilitation	1,170.00	2027
10						
11						
12	Park Lane WT	15	343454	Maintenance	5,000.00	2028
13	Park Lane WT	58	343425	Rehabilitation	1,350.00	2028
14						
15						
16	Park Lane WT	27	343488	Rehabilitation	325.00	2029
17	Park Lane WT	33	343484	Reconstruction	4,750.00	2029
18	Park Lane WT	34	343483	Reconstruction	4,700.00	2029
19	Park Lane WT	50	343495	Rehabilitation	5,400.00	2029
20	Park Lane WT	55	343481	Rehabilitation	3,550.00	2029

21						
22						
23	Park Lane WT	1	343421	Reconstruction	1,900.00	2030
24	Park Lane WT	6	343426	Rehabilitation	1,350.00	2030
25	Park Lane WT	19	343446	Rehabilitation	1,360.00	2030
26	Park Lane WT	20	343451	Rehabilitation	495.00	2030
27	Park Lane WT	21	343487	Rehabilitation	2,345.00	2030
28	Park Lane WT	65	343464	Maintenance	180.00	2030
29						
30						
31	Park Lane WT	18	343477	Rehabilitation	6,750.00	2031
32	Park Lane WT	35	343469	Rehabilitation	2,340.00	2031
33	Park Lane WT	36	343494	Rehabilitation	6,750.00	2031
34						
35						
36	Park Lane WT	13	343424	Rehabilitation	5,850.00	2032
37	Park Lane WT	54	343480	Maintenance	500.00	2032
38						
39						
40	Park Lane WT	4	343476	Rehabilitation	1,350.00	2033
41	Park Lane WT	56	343493	Rehabilitation	3,650.00	2033
42	Park Lane WT	61	343471	Rehabilitation	2,340.00	2033
43	Park Lane WT	68	1613 TBD2	Maintenance	2,250.00	2033
44	Park Lane WT	69	1614 TBD3	Maintenance	10,000.00	2033
45						
46						
47	Park Lane WT	9	343475	Maintenance	360.00	2034
48	Park Lane WT	12	343452	Maintenance	2,250.00	2034
49	Park Lane WT	45	343479	Rehabilitation	1,170.00	2034
50	Park Lane WT	67	1612 TBD1	Maintenance	30,000.00	2034
51						
52						

53	Park Lane WT	7	343434	Rehabilitation	1,300.00	2035
54	Park Lane WT	11	343448	Rehabilitation	6,750.00	2035
55	Park Lane WT	32	343486	Reconstruction	3,520.00	2035
56	Park Lane WT	44	343465	Maintenance	450.00	2035
57	Park Lane WT	49	343423	Maintenance	7,500.00	2035
58						
59						
60	Park Lane WT	5	343455	Rehabilitation	585.00	2036
61	Park Lane WT	22	343489	Rehabilitation	3,250.00	2036
62	Park Lane WT	23	343462	Rehabilitation	3,150.00	2036
63	Park Lane WT	24	343490	Rehabilitation	3,050.00	2036
64	Park Lane WT	25	343463	Maintenance	1,125.00	2036
65	Park Lane WT	47	343460	Rehabilitation	1,755.00	2036
66	Park Lane WT	48	343461	Maintenance	300.00	2036
67						
68						
69	Park Lane WT	10	343456	Maintenance	225.00	2037
70	Park Lane WT	29	343466	Rehabilitation	340.00	2037
71	Park Lane WT	38	343442	Rehabilitation	5,062.50	2037
72	Park Lane WT	43	343437	Rehabilitation	2,960.00	2037
73	Park Lane WT	53	343497	Maintenance	750.00	2037
74						
75						
76	Park Lane WT	2		Rehabilitation	1,350.00	2038
77	Park Lane WT	40		Rehabilitation	2,880.00	2038
78	Park Lane WT	41		Maintenance	1,440.00	2038
79	Park Lane WT	51		Maintenance	2,000.00	2038
80						
81						
82	Park Lane WT	26		Rehabilitation	3,150.00	2039
83	Park Lane WT	28		Rehabilitation	335.00	2039
84	Park Lane WT	60		Rehabilitation	2,025.00	2039

85	Park Lane WT	64	Reconstruction	780.00	2039
86	Park Lane WT	70	Maintenance	12,500.00	2039
87					
88					
89	Park Lane WT	37	Rehabilitation	2,340.00	2040
90	Park Lane WT	46	Rehabilitation	6,750.00	2040
91					
92					
93	Park Lane WT	3	Rehabilitation	292.50	2041
94	Park Lane WT	52	Maintenance	1,000.00	2041
95	Park Lane WT	59	Rehabilitation	1,170.00	2041
96	Park Lane WT	63	Rehabilitation	2,700.00	2041

Line #	Asset Class	Asset ID	Facility	Treatment Description	Forecast Cost (\$)	Forecast Year
1	Ramara Hall WT	27	343390	Rehabilitation	2,275.00	2027
2						
3						
4	Ramara Hall WT	26	343406	Rehabilitation	6,300.00	2028
5						
6						
7	Ramara Hall WT	29	337000	Rehabilitation	5,440.00	2029
8						
9						
10	Ramara Hall WT	1	343381	Reconstruction	1,900.00	2030
11	Ramara Hall WT	25	343405	Maintenance	2,250.00	2030
12	Ramara Hall WT	28	343389	Maintenance	7,500.00	2030
13						
14						
15	Ramara Hall WT	24	343388	Rehabilitation	1,525.00	2033
16						
17						
18	Ramara Hall WT	13	343400	Rehabilitation	585.00	2034
19	Ramara Hall WT	16	343398	Rehabilitation	1,012.50	2034
20	Ramara Hall WT	19	343384	Rehabilitation	680.00	2034
21						
22						
23	Ramara Hall WT	17	343403	Rehabilitation	204.75	2035
24	Ramara Hall WT	18	336999	Rehabilitation	675.00	2035
25	Ramara Hall WT	23	343387	Rehabilitation	1,575.00	2035
26						
27						
28	Ramara Hall WT	4	343396	Rehabilitation	6,750.00	2036
29	Ramara Hall WT	8	336998	Rehabilitation	495.00	2036
30	Ramara Hall WT	12	343401	Maintenance	450.00	2036

31	Ramara Hall WT	15	343397	Rehabilitation	877.50	2036
32	Ramara Hall WT	22	343404	Rehabilitation	3,250.00	2036
33	Ramara Hall WT	30	343380	Reconstruction	6,240.00	2036
34						
35						
36	Ramara Hall WT	6		Rehabilitation	2,362.50	2037
37	Ramara Hall WT	11		Rehabilitation	1,350.00	2037
38	Ramara Hall WT	20		Rehabilitation	990.00	2037
39						
40						
41	Ramara Hall WT	2		Rehabilitation	1,350.00	2038
42	Ramara Hall WT	14		Maintenance	230.00	2038
43						
44						
45	Ramara Hall WT	7		Rehabilitation	390.00	2039
46	Ramara Hall WT	21		Rehabilitation	1,340.00	2039
47						
48						
49	Ramara Hall WT	3		Rehabilitation	29,250.00	2041

Line #	Asset Class	Asset ID	Facility	Treatment Description	Forecast Cost (\$)	Forecast Year
1	South Ramara WT	33	336833	Rehabilitation	62,500.00	2023
2	South Ramara WT	35	336857	Maintenance	120.00	2023
3	South Ramara WT	36	336879	Maintenance	140.00	2023
4	South Ramara WT	37	336861	Maintenance	240.00	2023
5	South Ramara WT	41	336868	Rehabilitation	7,000.00	2023
6	South Ramara WT	44	336862	Rehabilitation	6,000.00	2023
7	South Ramara WT	125	1614-TBD1	Reconstruction	8,000.00	2023
8						
9						
10	South Ramara WT	125	1614-TBD1	Reconstruction	8,000.00	2024
11	South Ramara WT	126	1614-TBD2	Maintenance	10,000.00	2024
12						
13						
14	South Ramara WT	32	336850	Reconstruction	49,500.00	2026
15	South Ramara WT	38	336872	Maintenance	100.00	2026
16	South Ramara WT	39	336860	Reconstruction	19,800.00	2026
17	South Ramara WT	40	336870	Maintenance	200.00	2026
18	South Ramara WT	43	336863	Maintenance	200.00	2026
19	South Ramara WT	45	336873	Maintenance	100.00	2026
20	South Ramara WT	46	336871	Maintenance	100.00	2026
21						
22						
23	South Ramara WT	11	336814	Rehabilitation	7,700.00	2027
24	South Ramara WT	12	336869	Maintenance	2,250.00	2027
25	South Ramara WT	14	336914	Maintenance	5,400.00	2027
26	South Ramara WT	23	336892	Rehabilitation	1,012.50	2027
27	South Ramara WT	31	336853	Maintenance	112.50	2027
28	South Ramara WT	34	336834	Maintenance	5,000.00	2027
29	South Ramara WT	39	336860	Rehabilitation	1,485.00	2027
30	South Ramara WT	49	336890	Rehabilitation	5,400.00	2027

31	South Ramara WT	50	336819	Rehabilitation	5,400.00	2027
32	South Ramara WT	51	336900	Reconstruction	8,000.00	2027
33	South Ramara WT	52	336901	Reconstruction	8,100.00	2027
34	South Ramara WT	53	336902	Rehabilitation	7,400.00	2027
35	South Ramara WT	58	336825	Reconstruction	7,440.00	2027
36	South Ramara WT	67	336897	Maintenance	600.00	2027
37	South Ramara WT	68	336812	Rehabilitation	5,850.00	2027
38	South Ramara WT	69	336831	Maintenance	1,280.00	2027
39	South Ramara WT	70	336835	Maintenance	2,560.00	2027
40	South Ramara WT	88	336855	Maintenance	450.00	2027
41	South Ramara WT	89	336889	Reconstruction	1,580.00	2027
42	South Ramara WT	90	336883	Rehabilitation	1,350.00	2027
43	South Ramara WT	91	336918	Maintenance	100.00	2027
44	South Ramara WT	96	336922	Rehabilitation	990.00	2027
45	South Ramara WT	97	336919	Rehabilitation	1,480.00	2027
46	South Ramara WT	98	336920	Rehabilitation	1,440.00	2027
47	South Ramara WT	99	336921	Rehabilitation	1,400.00	2027
48	South Ramara WT	100	336917	Maintenance	450.00	2027
49	South Ramara WT	106	343253	Rehabilitation	1,350.00	2027
50	South Ramara WT	107	343251	Rehabilitation	1,080.00	2027
51	South Ramara WT	108	336876	Reconstruction	1,600.00	2027
52	South Ramara WT	109	336938	Reconstruction	1,620.00	2027
53	South Ramara WT	110	336936	Rehabilitation	1,480.00	2027
54	South Ramara WT	115	343254	Reconstruction	1,860.00	2027
55	South Ramara WT	116	343255	Maintenance	360.00	2027
56	South Ramara WT	117	336932	Rehabilitation	1,300.00	2027
57	South Ramara WT	118	336931	Reconstruction	1,600.00	2027
58	South Ramara WT	119	336937	Reconstruction	1,620.00	2027
59	South Ramara WT	124	336878	Maintenance	40,000.00	2027
60						
61						
62	South Ramara WT	66	336841	Maintenance	450.00	2028

63	South Ramara WT	123	336877	Maintenance	50,000.00	2028
64						
65						
66	South Ramara WT	4	336844	Rehabilitation	1,170.00	2029
67	South Ramara WT	8	336867	Maintenance	3,600.00	2029
68	South Ramara WT	10	336815	Rehabilitation	6,750.00	2029
69	South Ramara WT	48	336858	Rehabilitation	4,680.00	2029
70	South Ramara WT	87	336893	Rehabilitation	1,350.00	2029
71	South Ramara WT	95	336940	Rehabilitation	1,520.00	2029
72	South Ramara WT	102	336915	Reconstruction	1,920.00	2029
73	South Ramara WT	105	336930	Rehabilitation	1,170.00	2029
74						
75						
76	South Ramara WT	17	336842	Maintenance	450.00	2030
77	South Ramara WT	20	336843	Reconstruction	1,580.00	2030
78	South Ramara WT	74	336839	Maintenance	450.00	2030
79	South Ramara WT	93	336935	Maintenance	140.00	2030
80	South Ramara WT	94	336941	Maintenance	320.00	2030
81	South Ramara WT	101	336916	Reconstruction	1,900.00	2030
82						
83						
84	South Ramara WT	3	336891	Rehabilitation	1,350.00	2031
85	South Ramara WT	18	336904	Rehabilitation	7,500.00	2031
86	South Ramara WT	19	336905	Rehabilitation	7,700.00	2031
87	South Ramara WT	47	336856	Rehabilitation	5,400.00	2031
88	South Ramara WT	59	336832	Maintenance	1,440.00	2031
89	South Ramara WT	60	336836	Rehabilitation	5,200.00	2031
90	South Ramara WT	65	336906	Rehabilitation	3,375.00	2031
91	South Ramara WT	104	343252	Rehabilitation	1,350.00	2031
92	South Ramara WT	122	336828	Rehabilitation	675.00	2031
93	South Ramara WT	128	1614-TBD4	Rehabilitation	24,750.00	2031
94						

95						
96	South Ramara WT	1	336821	Rehabilitation	1,350.00	2032
97	South Ramara WT	15	336913	Reconstruction	2,580.00	2032
98	South Ramara WT	61	336838	Reconstruction	6,400.00	2032
99	South Ramara WT	85	336864	Maintenance	1,440.00	2032
100	South Ramara WT	92	336827	Maintenance	120.00	2032
101						
102						
103	South Ramara WT	2	336923	Rehabilitation	1,170.00	2033
104	South Ramara WT	21	336896	Rehabilitation	168.75	2033
105	South Ramara WT	55	336903	Reconstruction	8,200.00	2033
106	South Ramara WT	57	336840	Rehabilitation	5,040.00	2033
107	South Ramara WT	63	336826	Rehabilitation	5,400.00	2033
108	South Ramara WT	86	336929	Maintenance	900.00	2033
109	South Ramara WT	112	336939	Reconstruction	1,640.00	2033
110	South Ramara WT	114	336875	Rehabilitation	1,260.00	2033
111	South Ramara WT	120	336926	Rehabilitation	1,350.00	2033
112						
113						
114	South Ramara WT	9	336817	Maintenance	2,250.00	2034
115	South Ramara WT	27	336848	Rehabilitation	495.00	2034
116	South Ramara WT	54	336898	Rehabilitation	6,750.00	2034
117	South Ramara WT	56	336899	Maintenance	2,250.00	2034
118	South Ramara WT	64	336823	Reconstruction	3,950.00	2034
119	South Ramara WT	84	336908	Rehabilitation	2,475.00	2034
120	South Ramara WT	111	336927	Rehabilitation	1,350.00	2034
121	South Ramara WT	113	336933	Maintenance	450.00	2034
122	South Ramara WT	121	336925	Reconstruction	1,580.00	2034
123						
124						
125	South Ramara WT	127	1614-TBD3	Rehabilitation	27,000.00	2035
126						

127						
128	South Ramara WT	6	336924	Rehabilitation	1,080.00	2036
129	South Ramara WT	16	336816	Reconstruction	2,940.00	2036
130	South Ramara WT	24	336847	Rehabilitation	877.50	2036
131	South Ramara WT	72	336837	Reconstruction	6,880.00	2036
132	South Ramara WT	73		Reconstruction	8,400.00	2036
133	South Ramara WT	103		Rehabilitation	1,170.00	2036
134						
135						
136	South Ramara WT	7		Reconstruction	780.00	2037
137	South Ramara WT	30		Rehabilitation	3,375.00	2037
138	South Ramara WT	83		Rehabilitation	2,700.00	2037
139						
140						
141	South Ramara WT	13		Reconstruction	11,700.00	2038
142						
143						
144	South Ramara WT	33		Rehabilitation	67,500.00	2039
145	South Ramara WT	44		Reconstruction	9,500.00	2039
146	South Ramara WT	75		Rehabilitation	1,500.00	2039
147						
148						
149	South Ramara WT	25		Rehabilitation	3,375.00	2040

Line #	Asset Class	Asset ID	Facility	Treatment Description	Forecast Cost (\$)	Forecast Year
1	Val Harbour WT	48	336994	Maintenance	20,000.00	2022
2						
3						
4	Val Harbour WT	23	343371	Reconstruction	100,000.00	2023
5	Val Harbour WT	24	343369	Reconstruction	100,000.00	2023
6	Val Harbour WT	25	343373	Rehabilitation	75,000.00	2023
7	Val Harbour WT	48	336994	Maintenance	6,000.00	2023
8						
9						
10	Val Harbour WT	13	343364	Rehabilitation	29,250.00	2028
11	Val Harbour WT	30	336991	Reconstruction	3,900.00	2028
12	Val Harbour WT	40	336984	Rehabilitation	3,600.00	2028
13	Val Harbour WT	49	1615-TBD1	Maintenance	24,000.00	2028
14						
15						
16	Val Harbour WT	1	336969	Maintenance	300.00	2029
17	Val Harbour WT	4	343367	Rehabilitation	1,350.00	2029
18	Val Harbour WT	22	343374	Rehabilitation	6,500.00	2029
19	Val Harbour WT	38	336982	Rehabilitation	3,375.00	2029
20						
21						
22	Val Harbour WT	12	336978	Maintenance	2,250.00	2030
23	Val Harbour WT	17	343366	Rehabilitation	585.00	2030
24	Val Harbour WT	19	336968	Rehabilitation	3,400.00	2030
25	Val Harbour WT	20	343372	Rehabilitation	4,950.00	2030
26	Val Harbour WT	27	336977	Rehabilitation	6,500.00	2030
27	Val Harbour WT	28	336973	Rehabilitation	6,700.00	2030
28	Val Harbour WT	37	336985	Rehabilitation	2,925.00	2030
29	Val Harbour WT	44	343379	Maintenance	450.00	2030
30	Val Harbour WT	47	336995	Rehabilitation	1,170.00	2030

31	Val Harbour WT	51	1615-TBD3	Rehabilitation	27,000.00	2030
32						
33						
34	Val Harbour WT	5	336964	Rehabilitation	1,170.00	2031
35	Val Harbour WT	11	336979	Rehabilitation	6,750.00	2031
36	Val Harbour WT	18	336967	Rehabilitation	3,375.00	2031
37	Val Harbour WT	21	343370	Rehabilitation	6,700.00	2031
38	Val Harbour WT	26	336976	Rehabilitation	6,300.00	2031
39						
40						
41	Val Harbour WT	39	336983	Rehabilitation	2,700.00	2032
42	Val Harbour WT	43	343376	Rehabilitation	5,920.00	2032
43	Val Harbour WT	46	336997	Rehabilitation	1,350.00	2032
44	Val Harbour WT	50	1615-TBD2	Rehabilitation	33,750.00	2032
45						
46						
47	Val Harbour WT	10	336980	Maintenance	2,250.00	2033
48	Val Harbour WT	16	336970	Rehabilitation	1,350.00	2033
49	Val Harbour WT	33	336989	Rehabilitation	65,000.00	2033
50						
51						
52	Val Harbour WT	34	336992	Rehabilitation	75,000.00	2034
53	Val Harbour WT	41	336981	Maintenance	1,800.00	2034
54	Val Harbour WT	45	336996	Rehabilitation	1,170.00	2034
55						
56						
57	Val Harbour WT	15		Rehabilitation	585.00	2035
58						
59						
60	Val Harbour WT	2		Maintenance	200.00	2036
61						
62						

63	Val Harbour WT	6	Rehabilitation	1,350.00	2037
64	Val Harbour WT	9	Maintenance	3,600.00	2037
65	Val Harbour WT	14	Maintenance	11,500.00	2037
66	Val Harbour WT	36	Rehabilitation	5,400.00	2037
67					
68					
69	Val Harbour WT	3	Rehabilitation	1,170.00	2038
70	Val Harbour WT	29	Rehabilitation	5,440.00	2038
71	Val Harbour WT	35	Rehabilitation	4,680.00	2038
72	Val Harbour WT	42	Maintenance	2,250.00	2038
73					
74					
75	Val Harbour WT	7	Rehabilitation	650.00	2039
76					
77					
78	Val Harbour WT	48	Maintenance	20,000.00	2040
79					
80					
81	Val Harbour WT	1	Maintenance	300.00	2041
82	Val Harbour WT	8	Rehabilitation	4,950.00	2041
83	Val Harbour WT	32	Reconstruction	88,000.00	2041

Line #	Asset Class	Asset ID	Facility	Treatment Description	Forecast Cost (\$)	Forecast Year
1	Watermains	658	Bayshore Dr (North Leg) To Southview Dr.	Maintenance	12,000.00	2022
2	Watermains	761	Easement (to Old Indian Trail) To Paradise Blvd	Maintenance	50,000.00	2022
3						
4						
5	Watermains	759	Poplar Cres. To 100 m north of Poplar Cres.	Rehabilitation	50,000.00	2023
6	Watermains	764	Paradise Blvd To Lake Ave.	Maintenance	50,000.00	2023
7	Watermains	959	Meadowcrest Lane (68&69) To Meadowlark Court Limit of Cul-de-sac	Maintenance	40,000.00	2023
8	Watermains	2856	Water main across Harbour Canal	Rehabilitation	40,000.00	2023
9						
10						
11	Watermains	756	85m South of Beaver Trail To "Y" in Road.	Rehabilitation	100,000.00	2024
12						
13						
14	Watermains	775	Poplar Cres. To Pinetree Ct.	Maintenance	100,000.00	2025
15						
16						
17	Watermains	773	WV# 26 To WV#29 & 2 small courts (unnamed)	Maintenance	100,000.00	2026
18						
19						
20	Watermains	750	Across South end of Laguna Parkway (Feeds South Island Trail)	Maintenance	26,669.39	2027
21	Watermains	752	Ridge Ave To Simcoe Rd	Maintenance	18,048.98	2027
22	Watermains	754	Poplar Cres To Beaver Trail	Reconstruction	808.16	2027
23	Watermains	771	Poplar Cres at East entrance To Turtle P.	Maintenance	14,850.00	2027
24	Watermains	776	East of Pinetree Ct.	Maintenance	66,726.00	2027
25						
26						
27	Watermains	767	Turtle Path To Pinetree Ct	Maintenance	41,827.50	2028
28	Watermains	770	South of Poplar Cres.	Maintenance	90,450.00	2028
29	Watermains	778	East of Lake Ave.	Maintenance	33,428.57	2028

30						
31						
32	Watermains	769	Turtle (East Side) To Laguna Parkway	Maintenance	100,000.00	2029
33	Watermains	778	East of Lake Ave.	Maintenance	33,428.57	2029
34						
35						
36	Watermains	741	water tower to Perry Avenue	Reconstruction	140,000.00	2030
37	Watermains	753	From "Y", East Leg To Ridge Avenue	Rehabilitation	70,884.00	2030
38	Watermains	768	Pinetree court To Turtle Path (East Side)	Maintenance	44,820.00	2030
39	Watermains	783	WTP To Poplar Cres.	Maintenance	10,989.00	2030
40						
41						
42	Watermains	657	Bayshore Dr. (North Leg) To Bayshore Dr. (South Leg)	Maintenance	35,910.00	2031
43	Watermains	751	From "Y", West Leg To Ridge Avenue	Maintenance	27,810.00	2031
44	Watermains	760	100 m N of Poplar Cres. To Easement (to Old Indian Trail)	Maintenance	55,440.00	2031
45						
46						
47	Watermains	762	East of Racquet Court	Maintenance	63,504.00	2032
48	Watermains	765	Lake Ave To Willow Cres	Maintenance	65,880.00	2032
49						
50						
51	Watermains	784	Intake	Maintenance	48,015.00	2033
52						
53						
54	Watermains	749	Lake Avenue To The Steps	Reconstruction	211,000.00	2034
55	Watermains	755	Beaver Trail To 85m South of Beaver Trail	Maintenance	15,300.00	2034
56						
57						
58	Watermains	758	South Island Tr. To Poplar Cres.	Maintenance	210,276.00	2035
59						
60						
61	Watermains	763	West of Racquet Court	Maintenance	31,927.50	2036

62	Watermains	782	Maple Trail and Lone Birch Trail	Maintenance	42,480.00	2036
63	Watermains	941	Green River to 7743 Knob Hill	Maintenance	45,045.00	2036
64						
65						
66	Watermains	724	Lot 15 To end of East Cul-de-sac	Maintenance	43,371.43	2037
67						
68						
69	Watermains	669	Easement to Fernwood To South Limit of Cul-de-Sac	Maintenance	11,314.29	2038
70	Watermains	943	Green River service to Somerset Drive and Knob Hill	Maintenance	36,729.00	2038
71			Mains			
72						
73	Watermains	659	Bayshore Dr. (East Leg) To Southview Dr. (Including Easement)	Maintenance	28,413.00	2039
74	Watermains	665	Bayshore Dr. (West Leg) To Cul-de-sac	Maintenance	19,845.00	2039
75	Watermains	757	Simcoe Rd To South Island Tr.	Maintenance	46,530.61	2039
76	Watermains	772	Poplar Cres at West entrance To Turtle P.	Maintenance	95,580.00	2039
77	Watermains	780	North of Simcoe Rd.	Maintenance	103,752.00	2039
78						
79						
80	Watermains	654	Connection To Water Works	Maintenance	13,860.00	2040
81	Watermains	779	West of Lake Ave. + The Steps	Reconstruction	210,122.45	2040
82						
83						
84	Watermains	655	Bayshore Dr. (West Leg) To Sandlewood	Maintenance	28,854.00	2041
85	Watermains	740	North of Water Tower	Maintenance	82,782.00	2041
86	Watermains	942	Green River To 7757 Somerset Drive	Maintenance	34,650.00	2041
87	Watermains	964	Sideroad 15 To Connection on Stephen Drive	Maintenance	31,114.29	2041