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Reserve Studies for Community Associations

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Update "No Site-Visit" Reserve Study



HMC Management Lakebay, WA

Report #: 24901-2

For Period Beginning: October 1, 2015

Expires: September 30, 2016

Date Prepared: March 13, 2015



Hello, and welcome to your Reserve Study!

- W e don't want you to be surprised. This Report is designed to help you anticipate, and prepare for, the major common area expenses your association will face. Inside you will find:
- 1) The Reserve Component List (the "Scope and Schedule" of your Reserve projects) telling you what your association is Reserving for, what condition they are in now, and what they'll cost to replace.
- 2) An Evaluation of your current Reserve Fund
 Size and Strength (Percent Funded). This tells
 you your financial starting point, revealing your
 risk of deferred maintenance and special
 assessments.
- 3) A Recommended Multi-Year Reserve Funding Plan, answering the question... "What do we do now?"

More Questions?

Visit our website at www.ReserveStudy.com or call us at:

253/661-5437

Relax, it's from



Reserve Studies for Community Associations

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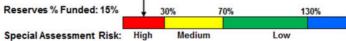
3- Minute Executive Summary

Association: HMC Management #: 24901-2 Location: Lakebay, WA # of Units: 388

Report Period: October 1, 2015 through September 30, 2016

Findings/Recommendations as-of 10/1/2015:

Projected Starting Reserve Balance:	\$546,244
Current Fully Funded Reserve Balance:	\$3,692,235
Average Reserve Deficit (Surplus) Per Unit:	\$8,108
100% 2015/2016 Annual "Full Funding" Contributions:	\$331,352
70% 2015/2016 Annual "Threshold Funding" Contributions:	\$262,500
Baseline contribution (min to keep Reserves above \$0):	\$106,880
Recommended 2015/2016 Special Assessment for Reserves:	\$465,600
Most Recent Budgeted Reserve Contribution Rate:	\$118,250
Porcorus % Fundad: 15% 20% 70% 420%	



Economic Assumptions:

- This is an "Update No-Site-Visit" Reserve Study, based on our most recent NSV Report prepared for your 2014/2015 Fiscal Year. Refer to photo pages of the 2013/2014 Full report for additional component information. No site inspection was performed as part of this Reserve Study, which was prepared by, or under the supervision of a credentialed Reserve Specialist (RS 153).
- Your Reserve Fund is currently 15% Funded. This means the association's special assessment & deferred maintenance risk is currently low. The objective of your multi-year Funding Plan is to fund your Reserves to a level where you will enjoy a low risk of such Reserve cash flow problems.
- Based on this starting point and your anticipated future expenses, we are forced to recommend levy of Four-Year Special Assessment of \$465,000 in each year FY 2015/2016 through and including FY 2018/2019. Additionally, our recommendation is to substantially increase your Reserve contributions to within the 70% to 100% level as noted above. 100% "Full" and 70% contribution rates are designed to achieve these funding objectives by the end of our 30-year report scope. No assets appropriate for Reserve designation were knowingly excluded. See appendix for component details; the basis of our assumptions.

Table 1	: Executive Summary			24901-2
			_	
		Useful	Rem.	Current
#	Component	Life (yrs)	Useful Life (yrs)	Cost Estimate
#	Site/Grounds/Recreation	(915)	Life (yrs)	Latimate
	Site/Grounds/Recreation			
200	Asphalt Roads - Repair/Resurface	30	10	\$24,500
204	Gravel Roads/Lots - Maintain/Repair	5	4	\$28,000
280	Play Equipment - Replace	20	2	\$40,000
282	Basketball Court - Repair/Replace	25	23	\$18,000
290	Pavilion - Replace Roof	25	13	\$7,400
	Small Boat Marina			
302	Small Boat Docks/Floats-Replace	30	16	\$120,000
306	Small Boat Dock Pilings - Replace	50	46	\$200,000
320	Small Boat Trestle/Ramp - Replace	30	16	\$82,000
336	Small Boat Gangway - Replace	30	16	\$7,250
	Community Building			
410	Community Building Siding-Replace	50	39	\$21,500
430	Community Building Roof - Replace	40	27	\$17,000
460	Community Blding Septic - Replace	50	16	\$8,200
	Equipment			
540	Dust/Water Truck - Replace	12	1	\$15,000
	Ferry System			
700	Ferry Terminals - Inspect/Repair	2	2	\$18,000
702	Ferry Terminals - Paint	12	12	\$240,000
704	Ferry Terminal Cables - Replace	6	5	\$27,500
707	Ferry Terminal Structures - Replace	60	38	\$2,250,000
708 712	Ferry Ramp Dolphins - Replace Ferry Ramp Generators - Replace	50 20	3 11	\$2,000,000 \$36,500
740	Ferry Vessel - Shipyard	20	1	\$92,500
744	Ferry Vessel - Overhaul Engines	5	3	\$36,500
746	Ferry Vessel - Replace Engines	50	48	\$157,500
755	Ferry Vessel-Overhaul Transmissions	5	3	\$13,500
757	Ferry Vessel-Replace Transmissions	25	23	\$31,500
760	Ferry Vessel - Replace	60	34	\$1,500,000
	Professional/Special Projects			
6.10		2162		ACT 05
940	Legal Contingency Fund Total Funded Components	N/A	0	\$35,000
26	Total Funded Components			

Note:

A Useful Life of "N/A" means a one-time expense, not expected to repeat.

Yellow highlighted line items are expected to require attention in the initial year.

Green highlighted items are expected to occur within the first five years.

Cross reference component numbers with inventory appendix.

A reserve-funding threshold of \$6,000 is recommended for your association (expenses below this level expected to be factored within operating budget).

Introduction



A Reserve Study is the art and science of anticipating, and preparing for, an association's major common area repair and replacement expenses. Partially art, because in this field we are making projections about the future. Partially science, because our work is a combination of research and well-defined computations, following consistent National Reserve Study Standard principles.

The foundation of this and every Reserve Study is your Reserve Component List (what you are reserving for). This is because the Reserve Component List defines the scope and schedule of all your anticipated upcoming Reserve projects. Based on that List and your starting balance, we calculate the association's Reserve Fund Strength (reported in terms of "Percent Funded"). Then we compute a Reserve Funding Plan to provide for the Reserve needs of the association. These form the three results of your Reserve Study.



RESERVE STUDY RESULTS

Reserve contributions are not "for the future". Reserve contributions are designed to offset the ongoing, daily deterioration of your Reserve assets. Done well, a <u>stable</u>, <u>budgeted</u> Reserve Funding Plan will collect sufficient funds from the owners who enjoyed the use of those assets, so the association is financially prepared for the irregular expenditures scattered through future years when those projects eventually require replacement.

Methodology



For this <u>Update No-Site-Visit</u> Reserve Study, we started with a review of your prior Reserve Study, then looked into recent Reserve expenditures, evaluated how expenditures are handled (ongoing maintenance vs Reserves), and

researched any well-established association precedents. We *updated and adjusted* your Reserve Component List on the basis of time elapsed since the last Reserve Study and interviews with association representatives.

Which Physical Assets are Funded by Reserves?

There is a national-standard four-part test to determine which expenses should appear in your Reserve Component List. First, it must be a common area maintenance responsibility. Second, the component must have a limited life. Third, the remaining life must be predictable (or it by definition is a *surprise* which cannot be accurately anticipated). Fourth, the component must be above a minimum threshold cost (often between .5% and 1% of an association's total budget). This limits Reserve



RESERVE COMPONENT "FOUR-PART TEST"

Components to major, predictable expenses. Within this framework, it is inappropriate to include *lifetime* components, unpredictable expenses (such as damage due to fire, flood, or earthquake), and expenses more appropriately handled from the Operational Budget or as an insured loss.

How do we establish Useful Life and Remaining Useful Life estimates?

- 1) Visual Inspection (observed wear and age)
- 2) Association Reserves database of experience
- 3) Client History (install dates & previous life cycle information)
- 4) Vendor Evaluation and Recommendation

How do we establish Current Repair/Replacement Cost Estimates? In this order...

- 1) Actual client cost history, or current proposals
- Comparison to Association Reserves database of work done at similar associations
- 3) Vendor Recommendations
- 4) Reliable National Industry cost estimating guidebooks

How much Reserves are enough?

Reserve adequacy is not measured in cash terms. Reserve adequacy is found when the *amount* of current Reserve cash is compared to Reserve component deterioration (the *needs of the association*). Having *enough* means the association can execute its projects in a timely manner with existing Reserve funds. Not having *enough* typically creates deferred maintenance or special assessments.

Adequacy is measured in a two-step process:

- 1) Calculate the *value of deterioration* at the association (called Fully Funded Balance, or FFB).
- 2) Compare that to the Reserve Fund Balance, and express as a percentage.



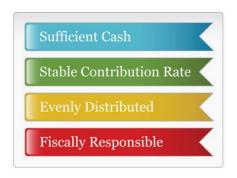
SPECIAL ASSESSMENT RISK

Each year, the *value of deterioration* at the association changes. When there is more deterioration (as components approach the time they need to be replaced), there should be more cash to offset that deterioration and prepare for the expenditure. Conversely, the *value of deterioration* shrinks after projects are accomplished. The *value of deterioration* (the FFB) changes each year, and is a moving but predictable target.

There is high risk of special assessments and deferred maintenance when the Percent Funded is *weak*, below 30%. Approximately 30% of all associations are in this high risk range. While the 100% point is Ideal (indicating Reserve cash is equal to the *value of deterioration*), a Reserve Fund in the 70% -130% range is considered strong (low risk of special assessment).

Measuring your Reserves by Percent Funded tells how well prepared your association is for upcoming Reserve expenses. New buyers should be very aware of this important disclosure!

How much should we contribute?



According to National Reserve Study
Standards, there are four Funding Principles to
balance in developing your Reserve Funding
Plan. Our first objective is to design a plan
that provides you with <u>sufficient cash</u> to
perform your Reserve projects on time.
Second, a <u>stable contribution</u> is desirable
because it keeps these naturally irregular
expenses from unsettling the budget.

RESERVE FUNDING PRINCIPLES

Reserve contributions that are <u>evenly distributed</u> over current and future owners enable each owner to pay their fair share of the association's Reserve expenses over the years. And finally, we develop a plan that is <u>fiscally responsible</u> and safe for Board members to recommend to their association. Remember, it is the Board's <u>job</u> to provide for the ongoing care of the common areas. Board members invite liability exposure when Reserve contributions are inadequate to offset ongoing common area deterioration.

What is our Recommended Funding Goal?

Maintaining the Reserve Fund at a level equal to the *value* of deterioration is called "Full Funding" (100% Funded). As each asset ages and becomes "used up", the Reserve Fund grows proportionally. **This is simple, responsible, and our recommendation.** Evidence shows that associations in the 70-130% range *enjoy a low risk of special assessments or deferred maintenance.*



FUNDING OBJECTIVES

Allowing the Reserves to fall close to zero, but not below zero, is called <u>Baseline Funding</u>. Doing so allows the Reserve Fund to drop into the 0-30% range, where there is a high risk of special assessments & deferred maintenance. Since Baseline Funding still provides for the timely execution of all Reserve projects, and only the "margin of safety" is different, Baseline Funding contributions average only 10% - 15% less than Full Funding contributions. <u>Threshold Funding</u> is the title of all other Cash or Percent Funded objectives *between* Baseline Funding and Full Funding.

Projected Expenses

While this Reserve Study looks forward 30 years, we have no expectation that all these expenses will all take place as anticipated. This Reserve Study needs to be updated annually because we expect the timing of these expenses to shift and the size of these expenses to change. We do feel more certain of the timing and cost of near-term expenses than expenses many years away. Your *first five years* of projected Reserve expenses total \$2,600,198. Adding the next five years, your *first ten years* of projected Reserve expenses are \$3,117,933. Please be aware of your near-term expenses, which we are able to project more accurately than the more distant projections.

The figure below summarizes the projected future expenses at your association as defined by your Reserve Component List. A summary of these expenses are shown in Table 5, while details of the projects that make up these expenses are shown in Table 6.

Annual Reserve Expenses

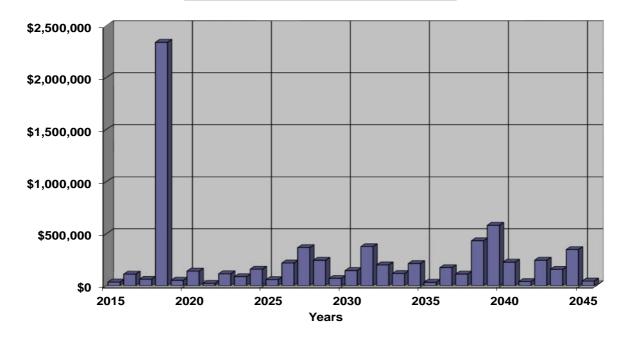


Figure 1

Reserve Fund Status

The starting point for our financial analysis is your Reserve Fund balance, projected to be \$546,244 as-of the start of your Fiscal Year on October 1, 2015. As of October 1, 2015, your Fully Funded Balance is computed to be \$3,692,235 (see Table 3). This figure represents the deteriorated value of your common area components. Comparing your Reserve Balance to your Fully Funded Balance indicates your Reserves are 15% Funded. Across the country, approx 48% of associations in this range experience special assessments or deferred maintenance.

Recommended Funding Plan

Based on your current Percent Funded and your near-term and long-term Reserve needs, we are recommending budgeted contributions of \$331,352 this Fiscal Year along with a special assessment of \$465,600. The overall 30-yr plan, in perspective, is shown below. This same information is shown numerically in both Table 5 and Table 6.

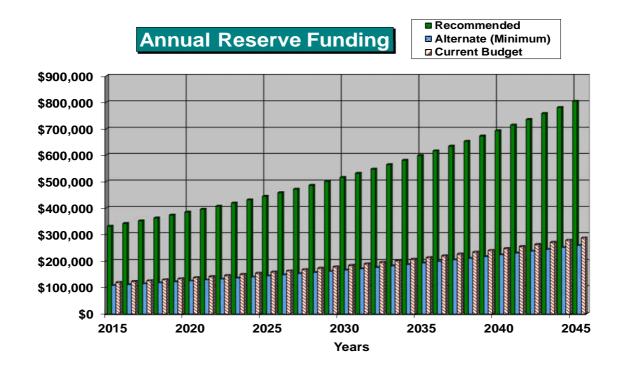


Figure 2

The following chart shows your Reserve balance under our recommended Full Funding Plan, an alternate Baseline Funding Plan, and at your current budgeted contribution rate, compared to your always-changing Fully Funded Balance target.

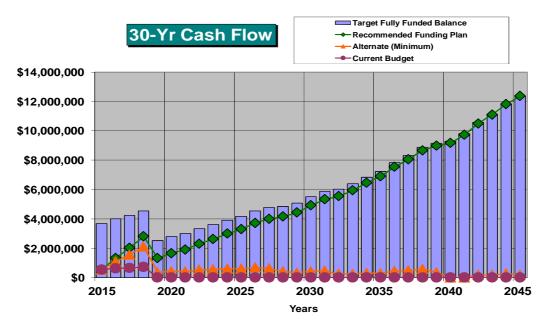


Figure 3

This figure shows this same information, plotted on a <u>Percent Funded</u> scale.

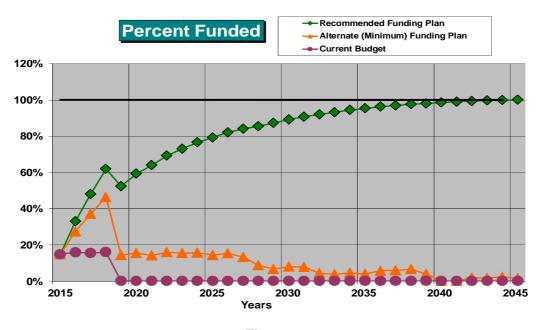


Figure 4

Table Descriptions

The tabular information in this Report is broken down into six tables.

<u>Table 1</u> is a summary of your Reserve Components (your Reserve Component List), the information found in Table 2.

<u>Table 2</u> is your Reserve Component List, which forms the foundation of this Reserve Study. This table represents the information from which all other tables are derived.

<u>Table 3</u> shows the calculation of your Fully Funded Balance, the measure of your current Reserve component deterioration. For each component, the Fully Funded Balance is the fraction of life used up multiplied by its estimated Current Replacement Cost.

<u>Table 4</u> shows the significance of each component to Reserve needs of the association, helping you see which components have more (or less) influence than others on your total Reserve contribution rate. The deterioration cost/year of each component is calculated by dividing the estimated Current Replacement Cost by Useful Life, then that component's percentage of the total is displayed.

<u>Table 5</u>: This table provides a one-page 30-year summary of the cash flowing into and out of the Reserve Fund, with a display of the Fully Funded Balance, Percent Funded, and special assessment risk for each year.

<u>Table 6</u>: This table shows the cash flow detail for the next 30 years. This table makes it possible to see which components are projected to require repair or replacement each year, and the size of those individual expenses.

				Rem.		
			Useful	Useful	[Current Co	st Estimate -
#	Component	Quantity	Life	Life	Best Case	Worst Ca
	Site/Grounds/Recreation					
200	Asphalt Roads - Repair/Resurface	Approx 10,500 square feet	30	10	\$22,000	\$27,0
204	Gravel Roads/Lots - Maintain/Repair	Approx 500,000 surface SF	5	4	\$24,000	\$32,0
280	Play Equipment - Replace	(5) assorted	20	2	\$35,000	\$32,0 \$45,0
282	Basketball Court - Repair/Replace	Approx 1,100 SF, total	25	23	\$17,000	\$49,0 \$19,0
202 290	Pavilion - Replace Roof	Approx 2,200 SF	25 25	13	\$6,800	\$8,0
290	Favillott - Replace Root	Applox 2,200 3F	25	13	φ0,000	φο,ι
	Small Boat Marina					
302	Small Boat Docks/Floats-Replace	Approx 2,600 square feet	30	16	\$110,000	\$130,0
306	Small Boat Dock Pilings - Replace	(15) steel	50	46	\$190,000	\$210,0
320	Small Boat Trestle/Ramp - Replace	Approx 630 square feet	30	16	\$66,000	\$98,0
336	Small Boat Gangway - Replace	(1) aluminum, ~4'x20'	30	16	\$6,200	\$8,
	Community Building					
410	Community Building Siding-Replace	Approx 1,400 GSF	50	39	\$17,000	\$26,0
430	Community Building Roof - Replace	Approx 2,700 GSF	40	27	\$14,000	\$20,0
460	Community Blding Septic - Replace	(1) system	50	16	\$6,400	\$10,0
	Equipment					
540	Dust/Water Truck - Replace	(1) 1991 Chevy Kodiak	12	1	\$12,000	\$18,0
	Ferry System					
700	Ferry Terminals - Inspect/Repair	Approx 6,100 square feet	2	2	\$16,000	\$20,0
702	Ferry Terminals - Paint	Approx 6,100 square feet	12	12	\$230,000	\$250,0
704	Ferry Terminal Cables - Replace	Extensive linear feet	6	5	\$25,000	\$30,0
707	Ferry Terminal Structures - Replace	Approx 6,100 square feet	60	38	\$2,000,000	\$2,500,0
708	Ferry Ramp Dolphins - Replace	(8) assemblies	50	3	\$1,500,000	\$2,500,0
712	Ferry Ramp Generators - Replace	(2) Generac 35kw	20	11	\$33,000	\$40,0
740	Ferry Vessel - Shipyard	65' LOA	2	1	\$85,000	\$100,0
744	Ferry Vessel - Overhaul Engines	(2) GM 300 HP, diesel	5	3	\$31,000	\$42,0
746	Ferry Vessel - Replace Engines	(2) GM 300 HP, diesel	50	48	\$150,000	\$165,0
755	Ferry Vessel-Overhaul Transmissions	(2) Twin Disc MG 5091 SC	5	3	\$12,000	\$15,0
757	Ferry Vessel-Replace Transmissions	(2) Twin Disc MG 5091 SC	25	23	\$29,500	\$33,
760	Ferry Vessel - Replace	65' LOA	60	34	\$1,300,000	\$1,700,
	Professional/Special Projects					
940	Legal Contingency Fund	\$35,000	N/A	0	\$34,000	\$36,

Table 2: Reserve Component List Detail

Quantity

24901-2

Rem.

Useful Useful Life Life

[--- Current Cost Estimate ---]
Best Case Worst Case

26 Total Funded Components

Component

# Component Site/Grounds/Recreation 200 Asphalt Roads - Repair/Resurface 204 Gravel Roads/Lots - Maintain/Repair 280 Play Equipment - Replace 282 Basketball Court - Repair/Replace 290 Pavilion - Replace Roof Small Boat Marina 302 Small Boat Docks/Floats-Replace 306 Small Boat Dock Pilings - Replace 320 Small Boat Trestle/Ramp - Replace 336 Small Boat Gangway - Replace 336 Small Boat Gangway - Replace 410 Community Building 410 Community Building Siding-Replace 430 Community Building Roof - Replace 460 Community Blding Septic - Replace 460 Community Blding Septic - Replace	\$24,500 \$28,000 \$40,000 \$18,000 \$7,400 \$120,000 \$200,000 \$82,000 \$7,250 \$21,500 \$17,000 \$8,200	x	20 1 18 2 12 14 4 14 14 11 13 34	/ / / / / / / / / / / / / / / / / / /	30 5 20 25 25 25 30 30 30 30 50 40 50		\$16,333 \$5,600 \$36,000 \$1,440 \$3,552 \$56,000 \$16,000 \$38,267 \$3,383 \$4,730 \$5,525 \$5,576
Site/Grounds/Recreation 200 Asphalt Roads - Repair/Resurface 204 Gravel Roads/Lots - Maintain/Repair 280 Play Equipment - Replace 282 Basketball Court - Repair/Replace 290 Pavilion - Replace Roof Small Boat Marina 302 Small Boat Docks/Floats-Replace 306 Small Boat Dock Pilings - Replace 320 Small Boat Trestle/Ramp - Replace 336 Small Boat Gangway - Replace Community Building 410 Community Building Siding-Replace 430 Community Building Roof - Replace 440 Community Blding Septic - Replace 460 Community Blding Septic - Replace	\$24,500 \$28,000 \$40,000 \$18,000 \$7,400 \$120,000 \$200,000 \$82,000 \$7,250	x x x x x x x x x x x x x x x x x x x	Age 20 1 18 2 12 14 4 14 14 14 11 13	/ / / / / / / / / /	30 5 20 25 25 25 30 30 30 30 40	= = = = = = = = = = = = = = = = = = = =	\$16,333 \$5,600 \$36,000 \$1,440 \$3,552 \$56,000 \$16,000 \$38,267 \$3,383
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Small Boat Marina 302 Small Boat Docks/Floats-Replace 306 Small Boat Dock Pilings - Replace 320 Small Boat Trestle/Ramp - Replace 336 Small Boat Gangway - Replace Community Building 410 Community Building Siding-Replace 430 Community Building Roof - Replace 460 Community Blding Septic - Replace Equipment	\$120,000 \$200,000 \$82,000 \$7,250 \$21,500 \$17,000	X X X X X	14 4 14 14 11 11		30 50 30 30 30 40	= = = = = = = = = = = = = = = = = = = =	\$3,552 \$56,000 \$16,000 \$38,267 \$3,383 \$4,730 \$5,525
302 Small Boat Docks/Floats-Replace 306 Small Boat Dock Pilings - Replace 320 Small Boat Trestle/Ramp - Replace 336 Small Boat Gangway - Replace Community Building 410 Community Building Siding-Replace 430 Community Building Roof - Replace 460 Community Blding Septic - Replace Equipment	\$200,000 \$82,000 \$7,250 \$21,500 \$17,000	X X X	11 13	/ / /	50 30 30 50 40	= = = =	\$16,000 \$38,267 \$3,383 \$4,730 \$5,525
302 Small Boat Docks/Floats-Replace 306 Small Boat Dock Pilings - Replace 320 Small Boat Trestle/Ramp - Replace 336 Small Boat Gangway - Replace Community Building 410 Community Building Siding-Replace 430 Community Building Roof - Replace 460 Community Blding Septic - Replace Equipment	\$200,000 \$82,000 \$7,250 \$21,500 \$17,000	X X X	11 13	/ / /	50 30 30 50 40	= = = =	\$16,000 \$38,267 \$3,383 \$4,730 \$5,525
306 Small Boat Dock Pilings - Replace 320 Small Boat Trestle/Ramp - Replace 336 Small Boat Gangway - Replace Community Building 410 Community Building Siding-Replace 430 Community Building Roof - Replace 460 Community Blding Septic - Replace Equipment	\$200,000 \$82,000 \$7,250 \$21,500 \$17,000	X X X	11 13	/ / /	50 30 30 50 40	= = = =	\$16,000 \$38,267 \$3,383 \$4,730 \$5,525
320 Small Boat Trestle/Ramp - Replace 336 Small Boat Gangway - Replace Community Building 410 Community Building Siding-Replace 430 Community Building Roof - Replace 460 Community Blding Septic - Replace Equipment	\$82,000 \$7,250 \$21,500 \$17,000	X X X	14 14 11 13	/	30 30 50 40	= = = =	\$38,267 \$3,383 \$4,730 \$5,525
Community Building Community Building Siding-Replace Community Building Roof - Replace Community Building Septic - Replace Equipment	\$7,250 \$21,500 \$17,000	X X X	14 11 13	/	50 40	= = = =	\$3,383 \$4,730 \$5,525
Community Building 410 Community Building Siding-Replace 430 Community Building Roof - Replace 460 Community Blding Septic - Replace Equipment	\$21,500 \$17,000	X	11 13	/	50 40	= =	\$4,730 \$5,525
410 Community Building Siding-Replace 430 Community Building Roof - Replace 460 Community Blding Septic - Replace Equipment	\$17,000	Χ	13	/	40	=	\$5,525
430 Community Building Roof - Replace 460 Community Blding Septic - Replace Equipment	\$17,000	Χ	13	/	40	=	\$5,525
430 Community Building Roof - Replace 460 Community Blding Septic - Replace Equipment	\$17,000	Χ	13	/	40	=	\$5,525
460 Community Blding Septic - Replace Equipment							
Equipment	\$8,200	Х	34	/	50	=	\$5,576
540 Dust/Water Truck - Replace							
	\$15,000	X	11	/	12	=	\$13,750
Ferry System							
700 Ferry Terminals - Inspect/Repair	\$18,000	Х	0	/	2	_	\$0
702 Ferry Terminals - Paint	\$240,000	Х	0	,	12	=	\$0
704 Ferry Terminal Cables - Replace	\$27,500	Х	1	,	6	=	\$4,583
707 Ferry Terminal Structures - Replace	\$2,250,000	Х	22	/	60	=	\$825,000
708 Ferry Ramp Dolphins - Replace	\$2,000,000	Х	47	/	50	=	\$1,880,000
712 Ferry Ramp Generators - Replace	\$36,500	Х	9	/	20	=	\$16,425
740 Ferry Vessel - Shipyard	\$92,500	Χ	1	/	2	=	\$46,250
744 Ferry Vessel - Overhaul Engines	\$36,500	Χ	2	/	5	=	\$14,600
746 Ferry Vessel - Replace Engines	\$157,500	Χ	2	/	50	=	\$6,300
755 Ferry Vessel-Overhaul Transmissions	\$13,500	Χ	2	/	5	=	\$5,400
757 Ferry Vessel-Replace Transmissions	\$31,500	Х	2	/	25	=	\$2,520
760 Ferry Vessel - Replace	\$1,500,000	Χ	26	/	60	=	\$650,000
Professional/Special Projects							
940 Legal Contingency Fund							

Table	e 3: Fully Funded Balance							24901-2
		Current						Fully
		Cost		Effective		Useful		Funded
#	Component	Estimate	Χ	Age	/	Life	=	Balance
								\$3,692,235

「abl	e 4: Component Significance	е			24901-
			Current		
		Useful	Cost	Deterioration	Deterioratio
#	Component	Life	Estimate	Cost/yr	Significand
	Site/Grounds/Recreation				
200	Apphalt Boods - Bonsir/Bosurface	30	\$24 F00	\$817	0.4
200	Asphalt Roads - Repair/Resurface	30	\$24,500		2.5
204	Gravel Roads/Lots - Maintain/Repair	5	\$28,000	\$5,600	
280	Play Equipment - Replace	20	\$40,000	\$2,000	0.9
282 290	Basketball Court - Repair/Replace Pavilion - Replace Roof	25 25	\$18,000 \$7,400	\$720 \$296	0.3 0.1
290	ravilloti - Replace Rooi	23	φ <i>1</i> ,400	\$290	0.1
	Small Boat Marina				
302	Small Boat Docks/Floats-Replace	30	\$120,000	\$4,000	1.8
306	Small Boat Dock Pilings - Replace	50	\$200,000	\$4,000	1.8
320	Small Boat Trestle/Ramp - Replace	30	\$82,000	\$2,733	1.2
336	Small Boat Gangway - Replace	30	\$7,250	\$242	0.1
	Community Building				
410	Community Building Siding-Replace	50	\$21,500	\$430	0.2
430	Community Building Roof - Replace	40	\$17,000	\$425	0.2
460	Community Blding Septic - Replace	50	\$8,200	\$164	0.1
	Equipment				
540	Dust/Water Truck - Replace	12	\$15,000	\$1,250	0.6
	Ferry System				
700	Form Terminals Inspect/Penair	2	\$18,000	000	4.1
700	Ferry Terminals - Inspect/Repair Ferry Terminals - Paint	12	\$240,000	\$9,000 \$20,000	9.0
704	Ferry Terminal Cables - Replace	6	\$27,500	\$4,583	2.1
707	Ferry Terminal Structures - Replace	60	\$2,250,000	\$37,500	16.9
708	Ferry Ramp Dolphins - Replace	50	\$2,000,000	\$40,000	18.1
712	Ferry Ramp Generators - Replace	20	\$36,500	\$1,825	0.8
740	Ferry Vessel - Shipyard	2	\$92,500	\$46,250	20.9
744	Ferry Vessel - Overhaul Engines	5	\$36,500	\$7,300	3.3
746	Ferry Vessel - Replace Engines	50	\$157,500	\$7,300 \$3,150	1.4
755	Ferry Vessel-Overhaul Transmissions	5	\$137,500	\$2,700	1.4
757	Ferry Vessel-Replace Transmissions	25	\$13,500	\$2,700 \$1,260	0.6
760	Ferry Vessel - Replace	60	\$1,500,000	\$25,000	11.3
	Professional/Special Projects			<u>-</u>	
	. 10.0001011411 Openial 1 Tojenia				
940	Legal Contingency Fund	N/A	\$35,000	\$0	0.0

Tabl	e 4: Component Significance				24901-2
			Current		
		Useful	Cost	Deterioration	Deterioration
#	Component	Life	Estimate	Cost/yr	Significance
26	Total Funded Components			\$221,245	100.0%

Fiscal Year Start: 10/01/15 Interest: 1.0% Inflation: 3.0%

Reserve Fund Strength Calculations

(All values as of Fiscal Year Start Date)

Projected Reserve Balance Changes

	Starting	Fully		Special		Loans or		
	Reserve	Funded	Percent	Assmt	Reserve	Special	Interest	Reserve
Year	Balance	Balance	Funded	Risk	 Contribs.	Assmts	Income	Expenses
2015	\$546,244	\$3,692,235	14.8%	High	\$331,352	\$465,600	\$9,315	\$35,000
2016	\$1,317,511	\$3,994,834	33.0%	Med	\$341,293	\$465,600	\$16,732	\$110,725
2017	\$2,030,411	\$4,235,351	47.9%	Med	\$351,531	\$465,600	\$24,193	\$61,532
2018	\$2,810,203	\$4,540,794	61.9%	Med	\$362,077	\$465,600	\$20,629	\$2,341,168
2019	\$1,317,341	\$2,514,628	52.4%	Med	\$372,940	\$0	\$14,847	\$51,773
2020	\$1,653,355	\$2,793,224	59.2%	Med	\$384,128	\$0	\$17,840	\$139,113
2021	\$1,916,210	\$2,997,913	63.9%	Med	\$395,652	\$0	\$21,130	\$21,493
2022	\$2,311,498	\$3,337,816	69.3%	Med	\$407,521	\$0	\$24,697	\$113,763
2023	\$2,629,953	\$3,601,041	73.0%	Low	\$419,747	\$0	\$28,096	\$86,140
2024	\$2,991,655	\$3,909,022	76.5%	Low	\$432,339	\$0	\$31,436	\$157,225
2025	\$3,298,205	\$4,161,685	79.3%	Low	 \$445,309	\$0	\$35,084	\$57,116
2026	\$3,721,482	\$4,533,961	82.1%	Low	\$458,669	\$0	\$38,602	\$216,633
2027	\$4,002,119	\$4,762,290	84.0%	Low	\$472,429	\$0	\$40,730	\$367,846
2028	\$4,147,432	\$4,851,183	85.5%	Low	\$486,602	\$0	\$42,893	\$242,161
2029	\$4,434,765	\$5,081,946	87.3%	Low	\$501,200	\$0	\$46,720	\$69,579
2030	\$4,913,105	\$5,507,430	89.2%	Low	 \$516,236	\$0	\$51,226	\$144,112
2031	\$5,336,455	\$5,879,251	90.8%	Low	\$531,723	\$0	\$54,383	\$377,828
2032	\$5,544,732	\$6,032,150	91.9%	Low	\$547,674	\$0	\$57,457	\$198,342
2033	\$5,951,522	\$6,385,477	93.2%	Low	\$564,105	\$0	\$62,041	\$115,765
2034	\$6,461,902	\$6,845,757	94.4%	Low	\$581,028	\$0	\$66,773	\$211,297
2035	\$6,898,405	\$7,233,087	95.4%	Low	 \$598,459	\$0	\$72,144	\$32,510
2036	\$7,536,498	\$7,828,175	96.3%	Low	\$616,412	\$0	\$77,943	\$172,077
2037	\$8,058,776	\$8,309,709	97.0%	Low	\$634,905	\$0	\$83,589	\$111,134
2038	\$8,666,136	\$8,881,178	97.6%	Low	\$653,952	\$0	\$88,168	\$433,202
2039	\$8,975,054	\$9,151,161	98.1%	Low	\$673,570	\$0	\$90,626	\$581,379
2040	\$9,157,871	\$9,290,113	98.6%	Low	 \$693,778	\$0	\$94,354	\$225,081
2041	\$9,720,922	\$9,814,118	99.1%	Low	\$714,591	\$0	\$101,050	\$38,819
2042	\$10,497,74	\$10,560,00	99.4%	Low	\$736,029	\$0	\$107,935	\$243,231
	4	7						
2043	\$11,098,47	\$11,132,47	99.7%	Low	\$758,109	\$0	\$114,521	\$155,579
	7	2			^-	.		** ***
2044	\$11,815,52	\$11,827,57	99.9%	Low	\$780,853	\$0	\$120,869	\$348,772
	8	8						

Tabl	e 6: 30-Year Income/Expense D	Detail (yrs 0	through 4)		24901-2
	Fiscal Year	2015	2016	2017	2018	2019
-	Starting Reserve Balance	\$546,244	\$1,317,511	\$2,030,411	\$2,810,203	\$1,317,341
	Annual Reserve Contribution	\$331,352	\$341,293	\$351,531	\$362,077	\$372,940
	Recommended Special Assessments	\$465,600	\$465,600	\$465,600	\$465,600	\$0
	Interest Earnings	\$9,315	\$16,732	\$24,193	\$20,629	\$14,847
	Total Income	\$1,352,511	\$2,141,136	\$2,871,735	\$3,658,509	\$1,705,128
#	Component					
	Site/Grounds/Recreation					
200	Asphalt Roads - Repair/Resurface	\$0	\$0	\$0	\$0	\$0
200	Gravel Roads/Lots - Maintain/Repair	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$31,514
280	Play Equipment - Replace	\$0 \$0	\$0 \$0	\$42,436	\$0 \$0	\$31,314
282	Basketball Court - Repair/Replace	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0
290	Pavilion - Replace Roof	\$0	\$0	\$0	\$0 \$0	\$0
I 						
	Small Boat Marina					
302	Small Boat Docks/Floats-Replace	\$0	\$0	\$0	\$0	\$0
306	Small Boat Dock Pilings - Replace	\$0	\$0	\$0	\$0	\$0
320	Small Boat Trestle/Ramp - Replace	\$0	\$0	\$0	\$0	\$0
336	Small Boat Gangway - Replace	\$0	\$0	\$0	\$0	\$0
	Community Building					- 1
	Community Bunding					
410	Community Building Siding-Replace	\$0	\$0	\$0	\$0	\$0
430	Community Building Roof - Replace	\$0	\$0	\$0	\$0	\$0
460	Community Blding Septic - Replace	\$0	\$0	\$0	\$0	\$0
	Equipment					<u> </u>
	Ечиртен					
540	Dust/Water Truck - Replace	\$0	\$15,450	\$0	\$0	\$0
l -						
	Ferry System					
700	Ferry Terminals - Inspect/Repair	\$0	\$0	\$19,096	\$0	\$20,259
702	Ferry Terminals - Paint	\$0	\$0	\$0	\$0	\$0
704	Ferry Terminal Cables - Replace	\$0	\$0	\$0	\$0	\$0
707	Ferry Terminal Structures - Replace	\$0	\$0	\$0	\$0	\$0
708	Ferry Ramp Dolphins - Replace	\$0	\$0	\$0	\$2,185,454	\$0
712	Ferry Ramp Generators - Replace	\$0	\$0	\$0	\$0	\$0
740	Ferry Vessel - Shipyard	\$0	\$95,275	\$0	\$101,077	\$0
744	Ferry Vessel - Overhaul Engines	\$0	\$0	\$0	\$39,885	\$0
746	Ferry Vessel - Replace Engines	\$0	\$0	\$0	\$0	\$0
755	Ferry Vessel-Overhaul Transmissions	\$0	\$0	\$0	\$14,752	\$0
757	Ferry Vessel-Replace Transmissions	\$0	\$0	\$0	\$0	\$0

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Tabl	e 6: 30-Year Income/Expense D	etail (yrs 0	through 4)		24901-2
	Fiscal Year	2015	2016	2017	2018	2019
760	Ferry Vessel - Replace	\$0	\$0	\$0	\$0	\$0
	Professional/Special Projects					
940	Legal Contingency Fund	\$35,000	\$0	\$0	\$0	\$0
	Total Expenses	\$35,000	\$110,725	\$61,532	\$2,341,168	\$51,773
	Ending Reserve Balance:	\$1,317,511	\$2,030,411	\$2,810,203	\$1,317,341	\$1,653,355

Tabl	e 6: 30-Year Income/Expens	e Detail (yrs 5	through 9)		24901-2
	Fiscal Year	2020	2021	2022	2023	2024
	Starting Reserve Balance	\$1,653,355	\$1,916,210	\$2,311,498	\$2,629,953	\$2,991,655
	Annual Reserve Contribution	\$384,128	\$395,652	\$407,521	\$419,747	\$432,339
	Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
	Interest Earnings	\$17,840	\$21,130	\$24,697	\$28,096	\$31,436
	Total Income	\$2,055,323	\$2,332,991	\$2,743,716	\$3,077,796	\$3,455,430
#	Component					
	Site/Grounds/Recreation	-	_			
200	Appliet Boods - Bonoir/Boourfood	90	0.0	0.9	0.0	\$0
200	Asphalt Roads - Repair/Resurface	\$0	\$0	\$0	\$0 \$0	\$0
204	Gravel Roads/Lots - Maintain/Repair	\$0	\$0	\$0 \$0	\$0 \$0	\$36,534
280 282	Play Equipment - Replace	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
290	Basketball Court - Repair/Replace Pavilion - Replace Roof	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
290	Favillott - Replace Root	φυ	φυ	φυ	φυ	φυ
	Small Boat Marina	-				
302	Small Boat Docks/Floats-Replace	\$0	\$0	\$0	\$0	\$0
306	Small Boat Dock Pilings - Replace	\$0	\$0	\$0	\$0	\$0
320	Small Boat Trestle/Ramp - Replace	\$0	\$0	\$0 \$0	\$0	\$0
336	Small Boat Gangway - Replace	\$0	\$0	\$0	\$0	\$0
000	Cinal Boat Gallgway Tropiade	Ψ	ΨΟ	ΨΟ	ΨΟ	ΨΟ
	Community Building	-				
410	Community Building Siding-Replace	\$0	\$0	\$0	\$0	\$0
430	Community Building Roof - Replace	\$0	\$0	\$0	\$0	\$0
460	Community Blding Septic - Replace	\$0	\$0	\$0	\$0	\$0
	Equipment					
540	Dust/Water Truck - Replace	\$0	\$0	\$0	\$0	\$0
	Ferry System	-	_	-		
	i erry dysterii					
700	Ferry Terminals - Inspect/Repair	\$0	\$21,493	\$0	\$22,802	\$0
702	Ferry Terminals - Paint	\$0	\$0	\$0	\$0	\$0
704	Ferry Terminal Cables - Replace	\$31,880	\$0	\$0	\$0	\$0
707	Ferry Terminal Structures - Replace	\$0	\$0	\$0	\$0	\$0
708	Ferry Ramp Dolphins - Replace	\$0	\$0	\$0	\$0	\$0
712	Ferry Ramp Generators - Replace	\$0	\$0	\$0	\$0	\$0
740	Ferry Vessel - Shipyard	\$107,233	\$0	\$113,763	\$0	\$120,692
744	Ferry Vessel - Overhaul Engines	\$0	\$0	\$0	\$46,237	\$0
746	Ferry Vessel - Replace Engines	\$0	\$0	\$0	\$0	\$0
755 757	Ferry Vessel-Overhaul Transmissions	\$0	\$0	\$0 \$0	\$17,101	\$0
757	Ferry Vessel-Replace Transmissions	\$0	\$0	\$0	\$0	\$0

Tabl	Table 6: 30-Year Income/Expense Detail (yrs 5 through 9)						
	Fiscal Year	2020	2021	2022	2023	2024	
760	Ferry Vessel - Replace	\$0	\$0	\$0	\$0	\$0	
	Professional/Special Projects						
940	Legal Contingency Fund	\$0	\$0	\$0	\$0	\$0	
	Total Expenses	\$139,113	\$21,493	\$113,763	\$86,140	\$157,225	
	Ending Reserve Balance:	\$1,916,210	\$2,311,498	\$2,629,953	\$2,991,655	\$3,298,205	

Tabl	e 6: 30-Year Income/Expense [Detail (yrs 1	0 through	14)		24901-2
	Fiscal Year	2025	2026	2027	2028	2029
-	Starting Reserve Balance	\$3,298,205	\$3,721,482	\$4,002,119	\$4,147,432	\$4,434,765
	Annual Reserve Contribution	\$445,309	\$458,669	\$472,429	\$486,602	\$501,200
	Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
	Interest Earnings	\$35,084	\$38,602	\$40,730	\$42,893	\$46,720
	Total Income	\$3,778,598	\$4,218,752	\$4,515,279	\$4,676,927	\$4,982,685
#	Component					
	Site/Grounds/Recreation					
200	Applied Boods - Bonsir/Bosurfoss	¢22.026	\$0	\$0	0.2	90
200	Asphalt Roads - Repair/Resurface Gravel Roads/Lots - Maintain/Repair	\$32,926			\$0 \$0	\$0 \$42,353
	·	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
280 282	Play Equipment - Replace	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
290	Basketball Court - Repair/Replace Pavilion - Replace Roof	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$10.867	\$0 \$0
250	1 aviilon - Replace Rooi	ΨΟ	ΨΟ	ΨΟ	ψ10,007	ΨΟ
	Small Boat Marina					_
302	Small Boat Docks/Floats-Replace	\$0	\$0	\$0	\$0	\$0
306	Small Boat Dock Pilings - Replace	\$0	\$0	\$0	\$0	\$0
320	Small Boat Trestle/Ramp - Replace	\$0	\$0	\$0	\$0	\$0
336	Small Boat Gangway - Replace	\$0	\$0	\$0	\$0	\$0
		•	**	**	**	**
	Community Building			-		
410	Community Building Siding-Replace	\$0	\$0	\$0	\$0	\$0
430	Community Building Roof - Replace	\$0	\$0	\$0	\$0	\$0
460	Community Blding Septic - Replace	\$0	\$0	\$0	\$0	\$0
	- Familian and					
	Equipment					
540	Dust/Water Truck - Replace	\$0	\$0	\$0	\$22,028	\$0
	Ferry System					
					•	
700	Ferry Terminals - Inspect/Repair	\$24,190	\$0	\$25,664	\$0	\$27,227
702	Ferry Terminals - Paint	\$0	\$0	\$342,183	\$0	\$0
704	Ferry Terminal Cables - Replace	\$0	\$38,066	\$0 \$0	\$0 \$0	\$0
707	Ferry Terminal Structures - Replace	\$0	\$0	\$0 \$0	\$0 \$0	\$0
708	Ferry Ramp Dolphins - Replace	\$0 \$0	\$0 \$50,535	\$0 \$0	\$0 \$0	\$0
712	Ferry Ramp Generators - Replace	\$0 \$0	\$50,525	\$0 \$0	\$0 \$435.830	\$0
740	Ferry Vessel - Shipyard	\$0 \$0	\$128,042	\$0 \$0	\$135,839	\$0
744	Ferry Vessel - Overhaul Engines	\$0 \$0	\$0 \$0	\$0 \$0	\$53,601	\$0
746	Ferry Vessel Overhaul Transmissions	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$10.935	\$0 \$0
755 757	Ferry Vessel-Overhaul Transmissions Ferry Vessel-Replace Transmissions	\$0 \$0	\$0 \$0	\$0 \$0	\$19,825 \$0	\$0 \$0
131	i only vesser-treplace Hallshillssions	φU	ΦΟ	ΦU	φU	ΦU

Table 6: 30-Year Income/Expense Detail (yrs 10 through 14)							
	Fiscal Year	2025	2026	2027	2028	2029	
760	Ferry Vessel - Replace	\$0	\$0	\$0	\$0	\$0	
	Professional/Special Projects						
940	Legal Contingency Fund	\$0	\$0	\$0	\$0	\$0	
	Total Expenses	\$57,116	\$216,633	\$367,846	\$242,161	\$69,579	
	Ending Reserve Balance:	\$3,721,482	\$4,002,119	\$4,147,432	\$4,434,765	\$4,913,105	

Tabl	e 6: 30-Year Income/Expense	e Detail (yrs 1	5 through	19)		24901-2
	Fiscal Year	2030	2031	2032	2033	2034
	Starting Reserve Balance	\$4,913,105	\$5,336,455	\$5,544,732	\$5,951,522	\$6,461,902
	Annual Reserve Contribution	\$516,236	\$531,723	\$547,674	\$564,105	\$581,028
	Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
	Interest Earnings	\$51,226	\$54,383	\$57,457	\$62,041	\$66,773
	Total Income	\$5,480,567	\$5,922,561	\$6,149,864	\$6,577,667	\$7,109,703
#	Component					
	Site/Grounds/Recreation	_				
200	Asphalt Roads - Repair/Resurface	\$0	\$0	\$0	\$0	\$0
204	Gravel Roads/Lots - Maintain/Repair	\$0 \$0	\$0	\$0 \$0	\$0	\$49,098
280	Play Equipment - Replace	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$49,098 \$0
282	Basketball Court - Repair/Replace	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
290	Pavilion - Replace Roof	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
			**	*-		
	Small Boat Marina	<u>-</u>	-			
302	Small Boat Docks/Floats-Replace	\$0	\$192,565	\$0	\$0	\$0
306	Small Boat Dock Pilings - Replace	\$0	\$0	\$0	\$0	\$0
320	Small Boat Trestle/Ramp - Replace	\$0	\$131,586	\$0	\$0	\$0
336	Small Boat Gangway - Replace	\$0	\$11,634	\$0	\$0	\$0
	Community Building					
410	Community Building Siding-Replace	\$0	\$0	\$0	\$0	\$0
430	Community Building Roof - Replace	\$0	\$0	\$0	\$0	\$0
460	Community Blding Septic - Replace	\$0	\$13,159	\$0	\$0	\$0
	Equipment					
540	Dust/Water Truck - Replace	\$0	\$0	\$0	\$0	\$0
	Ferry System					
700	Ferry Terminals - Inspect/Repair	\$0	\$28,885	\$0	\$30,644	\$0
702	Ferry Terminals - Paint	\$0	\$0	\$0	\$0	\$0
704	Ferry Terminal Cables - Replace	\$0	\$0	\$45,453	\$0	\$0
707	Ferry Terminal Structures - Replace	\$0	\$0	\$0	\$0	\$0
708	Ferry Ramp Dolphins - Replace	\$0	\$0	\$0	\$0	\$0
712	Ferry Ramp Generators - Replace	\$0	\$0	\$0	\$0	\$0
740	Ferry Vessel - Shipyard	\$144,112	\$0	\$152,888	\$0	\$162,199
744	Ferry Vessel - Overhaul Engines	\$0	\$0	\$0	\$62,139	\$0
746	Ferry Vessel - Replace Engines	\$0	\$0	\$0	\$0	\$0
755	Ferry Vessel-Overhaul Transmissions	\$0	\$0	\$0	\$22,983	\$0
757	Ferry Vessel-Replace Transmissions	\$0	\$0	\$0	\$0	\$0

Tabl	Table 6: 30-Year Income/Expense Detail (yrs 15 through 19)						
	Fiscal Year	2030	2031	2032	2033	2034	
760	Ferry Vessel - Replace	\$0	\$0	\$0	\$0	\$0	
	Professional/Special Projects						
940	Legal Contingency Fund	\$0	\$0	\$0	\$0	\$0	
	Total Expenses	\$144,112	\$377,828	\$198,342	\$115,765	\$211,297	
	Ending Reserve Balance:	\$5,336,455	\$5,544,732	\$5,951,522	\$6,461,902	\$6,898,405	

Tabl	e 6: 30-Year Income/Expense	Detail (yrs 2	0 through	24)		24901-2
	Fiscal Year	2035	2036	2037	2038	2039
	Starting Reserve Balance	\$6,898,405	\$7,536,498	\$8,058,776	\$8,666,136	\$8,975,054
	Annual Reserve Contribution	\$598,459	\$616,412	\$634,905	\$653,952	\$673,570
	Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
	Interest Earnings	\$72,144	\$77,943	\$83,589	\$88,168	\$90,626
	Total Income	\$7,569,008	\$8,230,853	\$8,777,270	\$9,408,256	\$9,739,250
#	Component					
	Site/Grounds/Recreation					
200	Asphalt Roads - Repair/Resurface	\$0	\$0	\$0	\$0	\$0
204	Gravel Roads/Lots - Maintain/Repair	\$0	\$0	\$0	\$0 \$0	\$56,918
280	Play Equipment - Replace	\$0	\$0	\$76,644	\$0 \$0	\$0
282	Basketball Court - Repair/Replace	\$0	\$0	\$0	\$35,525	\$0
290	Pavilion - Replace Roof	\$0	\$0	\$0	\$0	\$0
-						
	Small Boat Marina	_				
302	Small Boat Docks/Floats-Replace	\$0	\$0	\$0	\$0	\$0
306	Small Boat Dock Pilings - Replace	\$0	\$0	\$0	\$0	\$0
320	Small Boat Trestle/Ramp - Replace	\$0	\$0	\$0	\$0	\$0
336	Small Boat Gangway - Replace	\$0	\$0	\$0	\$0	\$0
	Community Building					
	- Community Lunarity					
410	Community Building Siding-Replace	\$0	\$0	\$0	\$0	\$0
430	Community Building Roof - Replace	\$0	\$0	\$0	\$0	\$0
460	Community Blding Septic - Replace	\$0	\$0	\$0	\$0	\$0
	Equipment					
540	Dust/Water Truck - Replace	\$0	\$0	\$0	\$0	\$0
						_
	Ferry System					
700	Ferry Terminals - Inspect/Repair	\$32,510	\$0	\$34,490	\$0	\$36,590
702	Ferry Terminals - Paint	\$0	\$0	\$0	\$0	\$487,871
704	Ferry Terminal Cables - Replace	\$0	\$0	\$0	\$54,274	\$0
707	Ferry Terminal Structures - Replace	\$0	\$0	\$0	\$0	\$0
708	Ferry Ramp Dolphins - Replace	\$0	\$0	\$0	\$0	\$0
712	Ferry Ramp Generators - Replace	\$0	\$0	\$0	\$0	\$0
740	Ferry Vessel - Shipyard	\$0	\$172,077	\$0	\$182,557	\$0
744	Ferry Vessel - Overhaul Engines	\$0	\$0	\$0	\$72,036	\$0
746	Ferry Vessel - Replace Engines	\$0	\$0	\$0	\$0	\$0
755	Ferry Vessel-Overhaul Transmissions	\$0	\$0	\$0	\$26,643	\$0
757	Ferry Vessel-Replace Transmissions	\$0	\$0	\$0	\$62,168	\$0

Table 6: 30-Year Income/Expense Detail (yrs 20 through 24)							
	Fiscal Year	2035	2036	2037	2038	2039	
760	Ferry Vessel - Replace	\$0	\$0	\$0	\$0	\$0	
	Professional/Special Projects						
940	Legal Contingency Fund	\$0	\$0	\$0	\$0	\$0	
	Total Expenses	\$32,510	\$172,077	\$111,134	\$433,202	\$581,379	
	Ending Reserve Balance:	\$7,536,498	\$8,058,776	\$8,666,136	\$8,975,054	\$9,157,871	

rabi	e 6: 30-Year Income/Expense	e Detail (yrs 2	5 through	29)		24901-2
	Fiscal Year	2040	2041	2042	2043	2044
	Starting Reserve Balance	\$9,157,871	\$9,720,922	\$10,497,744	\$11,098,477	\$11,815,528
	Annual Reserve Contribution	\$693,778	\$714,591	\$736,029	\$758,109	\$780,853
	Recommended Special Assessments	\$0	\$0	\$0	\$0	\$0
	Interest Earnings	\$94,354	\$101,050	\$107,935	\$114,521	\$120,869
	Total Income	\$9,946,003	\$10,536,563	\$11,341,708	\$11,971,107	\$12,717,250
#	Component					
	Site/Grounds/Recreation	_				
200	Asphalt Roads - Repair/Resurface	\$0	\$0	\$0	\$0	\$0
204	Gravel Roads/Lots - Maintain/Repair	\$0 \$0	\$0	\$0	\$0	\$65,984
280	Play Equipment - Replace	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$05,984
282	Basketball Court - Repair/Replace	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0
290	Pavilion - Replace Roof	\$0	\$0	\$0 \$0	\$0	\$0 \$0
	Small Boat Marina					
302	Small Boat Docks/Floats-Replace	\$0	\$0	\$0	\$0	\$0
306	Small Boat Dock Pilings - Replace	\$0	\$0	\$0	\$0	\$0
320	Small Boat Trestle/Ramp - Replace	\$0	\$0	\$0	\$0	\$0
336	Small Boat Gangway - Replace	\$0	\$0	\$0	\$0	\$0
-	Community Building					
	Community Building					
410	Community Building Siding-Replace	\$0	\$0	\$0	\$0	\$0
430	Community Building Roof - Replace	\$0	\$0	\$37,762	\$0	\$0
	, ,			Ψ01,102		ΨU
460	Community Blding Septic - Replace	\$0	\$0	\$0	\$0	\$0 \$0
460		\$0	·			•
460	Community Blding Septic - Replace Equipment	\$0	·			•
540		\$31,407	·			•
	Equipment Dust/Water Truck - Replace		\$0	\$0	\$0	\$0
	Equipment		\$0	\$0	\$0	\$0
	Equipment Dust/Water Truck - Replace		\$0	\$0	\$0	\$0
540	Equipment Dust/Water Truck - Replace Ferry System	\$31,407	\$0	\$0	\$0	\$0
540	Equipment Dust/Water Truck - Replace Ferry System Ferry Terminals - Inspect/Repair	\$31,407 \$0	\$0 \$0 \$38,819	\$0 \$0 \$0	\$0 \$0 \$41,183	\$0 \$0
540 700 702	Equipment Dust/Water Truck - Replace Ferry System Ferry Terminals - Inspect/Repair Ferry Terminals - Paint	\$31,407 \$0 \$0	\$0 \$0 \$38,819 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$41,183 \$0	\$0 \$0 \$0 \$0 \$0
540 700 702 704	Equipment Dust/Water Truck - Replace Ferry System Ferry Terminals - Inspect/Repair Ferry Terminals - Paint Ferry Terminal Cables - Replace	\$31,407 \$0 \$0 \$0 \$0	\$0 \$0 \$38,819 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$41,183 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$64,806
700 702 704 707	Equipment Dust/Water Truck - Replace Ferry System Ferry Terminals - Inspect/Repair Ferry Terminals - Paint Ferry Terminal Cables - Replace Ferry Terminal Structures - Replace	\$31,407 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$38,819 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$41,183 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$64,806 \$0
700 702 704 707 708	Equipment Dust/Water Truck - Replace Ferry System Ferry Terminals - Inspect/Repair Ferry Terminals - Paint Ferry Terminal Cables - Replace Ferry Terminal Structures - Replace Ferry Ramp Dolphins - Replace	\$31,407 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$38,819 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$41,183 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$64,806 \$0 \$0
700 702 704 707 708 712	Equipment Dust/Water Truck - Replace Ferry System Ferry Terminals - Inspect/Repair Ferry Terminals - Paint Ferry Terminal Cables - Replace Ferry Terminal Structures - Replace Ferry Ramp Dolphins - Replace Ferry Ramp Generators - Replace	\$31,407 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$38,819 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$41,183 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$64,806 \$0 \$0 \$0
700 702 704 707 708 712 740	Equipment Dust/Water Truck - Replace Ferry System Ferry Terminals - Inspect/Repair Ferry Terminals - Paint Ferry Terminal Cables - Replace Ferry Terminal Structures - Replace Ferry Ramp Dolphins - Replace Ferry Ramp Generators - Replace Ferry Vessel - Shipyard	\$31,407 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$38,819 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$41,183 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$64,806 \$0 \$0 \$0 \$217,982
700 702 704 707 708 712 740 744	Equipment Dust/Water Truck - Replace Ferry System Ferry Terminals - Inspect/Repair Ferry Terminals - Paint Ferry Terminal Cables - Replace Ferry Terminal Structures - Replace Ferry Ramp Dolphins - Replace Ferry Ramp Generators - Replace Ferry Vessel - Shipyard Ferry Vessel - Overhaul Engines	\$31,407 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$193,674 \$0	\$0 \$0 \$38,819 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$41,183 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$64,806 \$0 \$0 \$0 \$217,982 \$0

Tabl	Table 6: 30-Year Income/Expense Detail (yrs 25 through 29)						
	Fiscal Year	2040	2041	2042	2043	2044	
760	Ferry Vessel - Replace	\$0	\$0	\$0	\$0	\$0	
	Professional/Special Projects						
940	Legal Contingency Fund	\$0	\$0	\$0	\$0	\$0	
	Total Expenses	\$225,081	\$38,819	\$243,231	\$155,579	\$348,772	
	Ending Reserve Balance:	\$9,720,922	\$10,497,744	\$11,098,477	\$11,815,528	\$12,368,478	

Accuracy, Limitations, and Disclosures

Washington disclosure, per RCW:

This reserve study should be reviewed carefully. It may not include all common and limited common element components that will require major maintenance, repair or replacement in future years, and may not include regular contributions to a reserve account for the cost of such maintenance, repair, or replacement. The failure to include a component in a reserve study, or to provide contributions to a reserve account for a component, may, under some circumstance, require you to pay on demand as a special assessment your share of common expenses for the cost of major maintenance, repair or replacement of a reserve component.

Because we have no control over future events, we do not expect that all the events we anticipate will occur as planned. We expect that inflationary trends will continue, and we expect Reserve funds to continue to earn interest, so we believe that reasonable estimates for these figures are much more accurate than ignoring these economic realities. We can control measurements, which we attempt to establish within 5% accuracy through a combination of on-site measurements, drawings, and satellite imagery. The starting Reserve Balance and interest rate earned on deposited Reserve funds that you provided to us were considered reliable and were not confirmed independently. We have considered the association's representation of current and historical Reserve projects reliable, and we have considered the representations made by its vendors and suppliers to also be accurate and reliable. Component Useful Life, Remaining Useful Life, and Current Cost estimates assume a stable economic environment and lack of natural disasters.

Because the physical condition of your components, the association's Reserve balance, the economic environment, and legislative environment change each year, this Reserve Study is by nature a "one-year" document. Because a long-term perspective improves the accuracy of near-term planning, this Report projects expenses for the next 30 years. It is our recommendation and that of the Financial Accounting Standards Board (FASB) that your Reserve Study be updated each year as part of the annual budget process.

Association Reserves and its employees have no ownership, management, or other business relationships with the client other than this Reserve Study engagement. James D. Talaga R.S., company president, is a credentialed Reserve Specialist (#66). All work done by Association Reserves WA, LLC is performed under his Responsible Charge. There are no material issues to our knowledge that have not been disclosed to the client that would cause a distortion of the association's situation.

Component quantities indicated in this Report were found in prior Reserve Studies unless otherwise noted. No destructive or intrusive testing was performed. This Report and this site inspection were accomplished <u>only</u> for Reserve budget purposes (to help identify and address the normal deterioration of properly built and installed components with predictable life expectancies). The Funding Plan in this Report was developed using the cash-flow methodology to achieve the specified Funding Objective.

Association Reserves' liability in any matter involving this Reserve Study is limited to our Fee for services rendered.

Terms and Definitions

BTU British Thermal Unit (a standard unit of energy)

DIA Diameter

GSF Gross Square Feet (area). Equivalent to Square Feet
GSY Gross Square Yards (area). Equivalent to Square Yards

HP Horsepower

LF Linear Feet (length)

Effective Age: The difference between Useful Life and Remaining Useful Life. Note

that this is not necessarily equivalent to the chronological age of the

component.

Fully Funded Balance (FFB): The value of the deterioration of the Reserve

Components. This is the fraction of life "used up" of each component multiplied by its estimated Current Replacement. While calculated for each component, it is summed together for an association total.

FFB = (Current Cost X Effective Age) / Useful Life

Inflation: Cost factors are adjusted for inflation at the rate defined in the

Executive Summary and compounded annually. These increasing costs can be seen as you follow the recurring cycles of a component on

Table 6.

Interest: Interest earnings on Reserve Funds are calculated using the average

balance for the year (taking into account income and expenses through

the year) and compounded Annual using the rate defined in the

Executive Summary. Annual interest earning assumption appears in the

Executive Summary.

Percent Funded: The ratio, at a particular point in time (the first day of the Fiscal Year),

of the actual (or projected) Reserve Balance to the Fully Funded

Balance, expressed as a percentage.

Remaining Useful Life (RUL): The estimated time, in years, that a common area

component can be expected to continue to serve its intended function.

Useful Life (UL): The estimated time, in years, that a common area component can

be expected to serve its intended function.

Component Details

The primary purpose of the appendix Is to provide the reader with the basis of our funding assumptions resulting from our physical analysis and subsequent research. The appendix herein represent a wide range of elements that were observed and measured against National Reserve Study Standards to determine if they meet the criteria for reserve funding.

- 1) Common area maintenance, repair & replacement responsibility
- 2) Components must have a limited life
- 3) Life limit must be predictable
- 4) Above a minimum threshold cost (board's discretion typically ½ to 1% of annual operating expenses).

Some components are recommended for reserve funding, while others are not. The components that meet these criteria in our judgment are shown with corresponding maintenance, repair or replacement cycles (UL = Useful Life or how often the project is expected to occur, RUL = Remaining Useful Life or how many hears from our reporting period) and a representative market cost ranged termed "Best Cost" and "Worst Cost". There are many factors that can result in a wide variety of potential costs, we are attempting to represent a market average for budget purposes. Where there is no UL, the component is expected to be a one-time expense. Where no pricing, the component deemed inappropriate for Reserve Funding.

Component Summary

Client: 24901A HMC Management

Comp #: 100 Water System - Maintain/Repair

Quantity: Extensive systems Location: Throughout community

Funded? : Yes History : Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 200 Asphalt Roads - Repair/Resurface

Quantity: Approx 10,500 square feet

Location: Partial East Herron Boulevard and Ferry Street

Funded? : Yes
History :

Comments :

Useful Life: 30 years Remaining Life: 12 years
Best Case: \$21,000 Worst Case: \$26,250

Comp #: 204 Gravel Roads/Lots - Maintain/Repair

Quantity: Approx 500,000 surface SF

Location: Common areas, Island and Mainland

Funded? : Yes
History :
Comments :

Useful Life: 5 years

Remaining Life: 4 years

Best Case: \$20,000

Worst Case: \$26,000

Comp #: 210 Site Lighting - Replace

Quantity: Small quantity

Location: North Beach, Mainland Terminal, etc...

Funded? : Yes
History :
Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 212 Small Structures - Maintain/Replace

Quantity: (5) assorted

Location: Community Building, North Beach and Ferry Terminals

Funded? : Yes
History :

Comments:

Useful Life : Remaining Life : Best Case : Worst Case :

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Comp #: 214 Community Signage - Replace

Quantity: Extensive quantity

Location: Common areas, Island and Mainland

Funded? : Yes
History :
Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 216 Community Kiosks/Readers - Replace

Quantity: (2) wood

Location: Common areas, Island and Mainland

Funded? : Yes History :

Comments:

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 217 Chain Link Fence - Replace

Quantity: Approx 100 linear feet

Location: Mainland Generator, Goodpastor Park Backstop

Funded? : Yes
History :
Comments :

Useful Life: Remaining Life:

Best Case: Worst Case:

Comp #: 220 Wood Fence - Replace

Quantity: Moderate linear feet Location: Mainland Parking Lot

Funded? : Yes History : Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 226 Landscape - Maintain/Refurbish

Quantity: Extensive square feet Location: Common areas

Funded? : Yes
History :
Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

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Component Summary

Client: 24901A HMC Management

Comp #: 230 Site Electrical - Repair/Replace

Quantity: Extensive systems

Location: North Beach, Ferry Terminals, etc...

Funded?: Yes History: Comments:

Useful Life: Remaining Life: Best Case: Worst Case:

Comp #: 250 Mailboxes - Replace

Quantity: (4) clusters, assorted Location: Mainland Parking Lot

Funded?: Yes History: Comments:

Useful Life: Remaining Life: Best Case: Worst Case:

Comp #: 302 Small Boat Docks/Floats-Replace

Quantity: Approx 2,600 square feet

Location: North Beach

Funded?: Yes History: Comments:

Useful Life: 30 years

Remaining Life: 18 years Best Case: \$104,000 Worst Case: \$130,000

Comp #: 306 Small Boat Dock Pilings - Replace

Quantity: (15) steel Location: North Beach

Funded?: Yes History: Comments:

Useful Life: 50 years Remaining Life: 48 years Best Case: \$180,000 Worst Case: \$210,000

Comp #: 320 Small Boat Trestle/Ramp - Replace

Quantity: Approx 630 square feet

Location: North Beach

Funded?: Yes History:

Comments:

Remaining Life: 18 years Useful Life: 30 years Worst Case: \$94,500 Best Case: \$63,000

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Component Summary

Client: 24901A HMC Management

Comp #: 336 Small Boat Gangway - Replace

Quantity: (1) aluminum, ~4'x20'

Location: North Beach

Funded?: Yes History: Comments:

Useful Life: 30 years Remaining Life: 18 years Best Case: \$6,000 Worst Case: \$8,000

Comp #: 340 Small Boat Launch - Repair/Replace

Quantity: Approx 1,400 square feet

Location: North Beach

Funded?: Yes History:

Comments:

Useful Life: Remaining Life: Best Case: Worst Case:

Comp #: 350 Play Equipment - Replace

Quantity: (6) assorted Location: Goodpastor Park

Funded?: Yes History: Comments:

Useful Life: 20 years Remaining Life: 4 years Best Case: \$40,000

Worst Case: \$60,000

Comp #: 356 Basketball Court - Repair/Replace

Quantity: Approx 1,100 SF, total Location: Goodpastor Park

Funded?: Yes History: Comments:

Useful Life: 25 years Remaining Life: 24 years Best Case: \$18,000 Worst Case: \$22,000

Comp #: 360 Picnic Assets - Replace

Quantity: (31) assorted

Location: Community Building, Goodpastor Park, North Beach

Funded?: Yes History:

Comments:

Useful Life: Remaining Life: Best Case: Worst Case:

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Comp #: 370 Pavilion - Replace Roof

Quantity: Approx 2,200 SF Location: North Beach

Funded? : Yes History : Comments :

Useful Life: 25 years Remaining Life: 15 years

Best Case: \$6,600 Worst Case: \$7,700

Comp #: 410 Community Building Siding-Replace

Quantity: Approx 1,400 GSF Location: 901 West Yew Blvd KPN

Funded? : Yes
History :
Comments :

Useful Life: 50 years Remaining Life: 41 years
Best Case: \$16,800 Worst Case: \$25,200

Comp #: 420 Community Building Exterior-Paint

Quantity: Approx 1,400 GSF Location: 901 West Yew Blvd KPN

Funded? : Yes History : Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 430 Community Building Roof - Replace

Quantity: Approx 2,700 GSF Location: 901 West Yew Blvd KPN

Funded? : Yes
History :
Comments :

Useful Life: 40 years Remaining Life: 29 years

Best Case: \$13,500 Worst Case: \$18,900

Comp #: 450 Community Blding Interior-Refinish

Quantity: Moderate GSF

Location: 901 West Yew Blvd KPN

Funded? : Yes
History :
Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

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Comp #: 454 Community Blding Kitchen-Refurbish

Quantity: Moderate square feet Location: 901 West Yew Blvd KPN

Funded? : Yes History : Comments :

Useful Life: Remaining Life:

Best Case: Worst Case:

Comp #: 456 Community Blding Bathrooms-Maintain

Quantity: (2) small, two-piece Location: 901 West Yew Blvd KPN

Funded? : Yes
History :
Comments :

Useful Life: Remaining Life:

Best Case: Worst Case:

Comp #: 460 Community Blding Septic - Replace

Quantity: (1) system

Location: 901 West Yew Blvd KPN

Funded? : Yes
History :
Comments :

Useful Life: 50 years Remaining Life: 18 years

Best Case: \$6,000 Worst Case: \$10,000

Comp #: 464 CB Windows/Doors-Replace

Quantity: Moderate quantity

Location: 901 West Yew Blvd KPN

Funded? : Yes History : Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 466 CB Electrical/Plumbing-Replace

Quantity: Extensive systems Location: 901 West Yew Blvd KPN

Funded? : Yes
History :
Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

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Comp #: 510 Office Equipment/Furniture-Replace

Quantity: Minor equipment Location: Community Building

Funded? : Yes History : Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 520 Small Equipment/Tools - Replace

Quantity: Minor equipment

Location: Community and Pavilion Buildings

Funded? : Yes
History :
Comments :

Useful Life: Remaining Life:

Best Case: Worst Case:

Comp #: 530 Utility Tractor/Mower - Replace

Quantity: (1) John Deere L130 Location: Community Building Shed

Funded? : Yes
History :
Comments :

Useful Life: 10 years Remaining Life: 3 years

Best Case: \$12,000 Worst Case: \$15,000

Comp #: 540 Dust/Water Truck - Replace

Quantity: (1) 1991 Chevy Kodiak Location: Community Building

Funded? : Yes
History :
Comments :

Useful Life: 12 years Remaining Life: 1 years

Best Case: \$12,000 Worst Case: \$18,000

Comp #: 700 Ferry Terminals - Inspect/Repair

Quantity: Approx 6,100 square feet Location: Island and Mainland Terminals

Funded? : Yes
History :
Comments :

Useful Life: 2 years Remaining Life: 0 years
Best Case: \$18,000 Worst Case: \$26,000

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Comp #: 702 Ferry Terminals - Paint

Quantity: Approx 6,100 square feet Location: Island and Mainland Terminals

Funded? : Yes History : Comments :

Useful Life: 12 years Remaining Life: 3 years

Best Case: \$223,200 Worst Case: \$243,200

Comp #: 704 Ferry Terminal Cables - Replace

Quantity: Extensive linear feet

Location: Island and Mainland Terminals

Funded? : Yes
History :
Comments :

Useful Life: 6 years Remaining Life: 1 years

Best Case: \$32,000 Worst Case: \$37,000

Comp #: 706 Ferry Terminal Wood Decks - Replace

Quantity: Approx 2,940 square feet Location: Island and Mainland Terminals

Funded? : Yes History : Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 707 Ferry Terminal Structures - Replace

Quantity: Approx 6,100 square feet Location: Island and Mainland Terminals

Funded? : Yes
History :
Comments :

Useful Life: 60 years

Remaining Life: 39 years

Best Case: \$2,000,000

Worst Case: \$2,500,000

Comp #: 708 Ferry Ramp Dolphins - Replace

Quantity: (8) assemblies

Location: Island and Mainland Terminals

Funded? : Yes
History :
Comments :

Useful Life: 50 years Remaining Life: 7 years
Best Case: \$740,000 Worst Case: \$950,000

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Comp #: 710 Ferry Ramp Bulkhead - Repair

Quantity: Moderate square feet Location: Island Terminal

Funded? : Yes History : Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 712 Ferry Ramp Generators - Replace

Quantity: (2) Generac 35kw

Location: Island and Mainland Terminals

Funded? : Yes
History :
Comments :

Useful Life: 20 years Remaining Life: 13 years
Best Case: \$32,000 Worst Case: \$38,000

Comp #: 718 Ferry Ramp Surveillance - Replace

Quantity: (2) camera, DVR Location: Select common areas

Funded? : Yes History : Comments :

Useful Life : Remaining Life : Best Case : Worst Case :

Comp #: 740 Ferry Vessel - Shipyard

Quantity: 65' LOA

Location: M/V Charlie Wells

Funded? : Yes History : Comments :

Useful Life: 2 years Remaining Life: 1 years

Best Case: \$85,000 Worst Case: \$100,000

Comp #: 744 Ferry Vessel - Overhaul Engines

Quantity: (2) GM 300 HP, diesel Location: M/V Charlie Wells

Funded? : Yes
History :
Comments :

Useful Life: 5 years

Best Case: \$30,000

Remaining Life: 5 years

Worst Case: \$40,000

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Component Summary

Client: 24901A HMC Management

Comp #: 746 Ferry Vessel - Replace Engines

Quantity: (2) GM 300 HP, diesel Location: M/V Charlie Wells

Funded? : Yes History : Comments :

Useful Life: 50 years

Remaining Life: 0 years

Best Case: \$160,000

Worst Case: \$170,000

Comp #: 755 Ferry Vessel-Overhaul Transmissions

Quantity: (2) Twin Disc MG 5091 SC

Location: M/V Charlie Wells

Funded? : Yes
History :
Comments :

Useful Life: 5 years

Best Case: \$12,000

Remaining Life: 5 years

Worst Case: \$14,000

Comp #: 757 Ferry Vessel-Replace Transmissions

Quantity: (2) Twin Disc MG 5091 SC

Location: M/V Charlie Wells

Funded? : Yes
History :
Comments :

Useful Life: 25 years Remaining Life: 0 years

Best Case: \$30,000 Worst Case: \$40,000

Comp #: 760 Ferry Vessel - Replace

Quantity: 65' LOA

Location: M/V Charlie Wells

Funded? : Yes History : Comments :

Useful Life: 60 years Remaining Life: 36 years

Best Case: \$1,300,000 Worst Case: \$1,700,000

Comp #: 940 Legal Contingency Fund

Quantity: \$35,000 Location: Reserve funds

Funded? : Yes
History :
Comments :

Useful Life: Remaining Life: 0 years
Best Case: \$34,000 Worst Case: \$36,000

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Association Reserves Washington, LLC

Component Summary

Client: 24901A HMC Management

Comp #: 999 Reserve Study Update

Quantity: Annual Update Location: Common areas

Funded? : Yes History : Comments :

Useful Life: Remaining Life:

Best Case: Worst Case:

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