LONGHILL STATION

WILLIAMSBURG, VIRGINIA

INTERACTIVE RESERVE ANALYSIS



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DMA does not support the validity of this report until a <u>Working Session</u> has been conducted with the Board of Directors and the final report issued.



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This is a printout of a dynamic reserve analysis that will change over time. The analysis is made up of information sheets and spreadsheets, whose contents may change each time the analysis is updated. If comparing this report to other copies, verify the latest issue date on the front cover. Summary descriptions of the spreadsheets are provided below. Some spreadsheets, which are continuous in Excel, are divided up into several pages in this report for legibility.

STANDARDS, LIMITATIONS AND LEGAL INFORMATION Contains Community Associations Institute (CAI) National Standards, limitations and legal restrictions on the use of information in this document and legal disclosures.	3
EXECUTIVE SUMMARY Contains information on DMA personnel responsible for this analysis, community information and a summary of current financial information and funding plan information as of this issue date.	5
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STANDARDS, LIMITATIONS AND CONDITIONS DISCLOSURE AND LEGAL RESTRICTIONS

STUDY STANDARDS

This study was conducted in accordance with the Community Associations Institute National Reserve Study Standards. A summary of the standards is contained in our information article entitled "National Standards" which is included in the Appendix.

The data and analysis information that forms a part of this report was formatted in Microsoft Excel but contains proprietary programming and program coding that is not available for distribution to outside parties. Copies of the data and analysis information have been made available in Adobe's Portable Document Format and included as part of this report. Limited program versions can also be provided, upon request, in Excel format for easier viewing and navigating through the data.

STUDY LIMITATIONS AND CONDITIONS

1. No destructive testing, lab analysis or other investigative methods were used to determine the condition of the components. Due to these limitations, as set forth in the reserve study guidelines that we subscribe to, the limited visual observations that were made are not sufficient to be considered a qualified architectural or engineering assessment of the state or condition of the components.

2. All common areas on the property were observed unless access was limited or not made available to us at the time of the inspection. The observations and opinions expressed herein with regard to the useful life of the components are based on our general professional knowledge of construction and our knowledge of the typical replacement experience of many communities and other entities with the same component types.

3. The inventory included taking field measurements, measurements from aerial and satellite imagery, digitized measurement over photo imagery and takeoffs and measurements from design and as-built drawings as there were deemed to be reliable. In the case of a Level II Update the quantities provided by the Client from previous studies was utilized when it was deemed to be reliable and accurate. In the case of a Level III Update all inventory data from previous studies provided by the Client was deemed accurate and reliable.

4. Our projections of remaining useful life are not architectural or engineering recommendations for executing specific projects. As the end of the remaining useful life approaches, as set forth in this study, the association should seek professional architectural, engineering, contractor, service providers or qualified product manufacturer or supplier assistance, as appropriate, and as to the need for and the scheduling of each specific replacement project. Particularly those of any significant magnitude.

5. An asset can be made up of several components that need to be maintained, repaired and replaced. Other elements of the asset may be considered permanent with respect to the asset. The schedule of components provided herein, is based upon information received from the client regarding the common elements and/or assets that the client is responsible for. It is the client's responsibility to verify that the schedule of components is complete.

6. Financial information including the present fund balance, interest from funds on deposit, and recent capital expenditures, were provided by the Association and are deemed reliable and complete by Design/Management Associates, Inc.

7. Information provided by the Association about prior reserve replacement projects is considered to be reliable and complete. No inspection by Design/Management Associates, Inc. should be interpreted as a project audit or quality inspection.

8. Industry Life Expectancy is based on printed product literature, product or material warranties, industry standards literature, and on the opinions of manufacturers, installers, or maintenance contractors based on their experience with these products and materials.

9. Unit prices are based on published unit price standards such as R. S. Means "Residential Cost Data", Facilities Maintenance and Repair Cost Data, and "Facilities Construction Cost Data", latest editions, and on pricing obtained from contractors, installers, or manufacturers. All prices are given in present dollars unless noted otherwise. Prices listed are not guaranteed as exact quotes for work included.

10. This analysis incorporates assumptions about the future rate of inflation, and the future interest income on your account deposits. If significant changes occur in either of these rates, this calculation should be re-run with current information.

11. The results of this analysis are predicated on your contributing the recommended amount in each previous year and on expenses occurring generally as predicted. The Reserve Study should be updated at least every 3 to 5 years, which may depend on statutory requirements, to correct for normal variations. However if significant changes occur in your present funding or in major expenses, in a shorter period of time, the account should be re-run.

12. DMA's Capital Replacement Reserve Studies are designed to be used as planning tools. They are a reflection of information provided by the Association and our analytical inputs, and are assembled for the Association's use. This reserve study should not be used for the purpose of performing an audit, quality/forensic analysis, or for background checks of historical records.

DISCLOSURE

DMA does not have any financial interest in this community, its management company or any vendor mentioned or used in this study beyond this work. This study represents all facts know to DMA at the time of it's preparation that if purposefully omitted would cause a distortion of the Association's situation regarding it's capital reserve plan.

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EXECUTIVE SUMMARY

LONGHILL STATION

RESERVE SPECIALIST AND STAFF RESPONSIBLE FOR THIS ANALYSIS

This study was prepared under the direct supervision of:

Roy Kalista, a Reserve Specialist certified by the Community Association Institute. Mr. Kalista holds a BA degree in Architecture and a Masters degree in Architecture.

The field survey, inventory, and condition assessment was conducted by:

Roy Kalista, a Reserve Specialist certified by the Community Association Institute. Mr. Kalista holds a BA degree in Architecture and a Masters degree in Architecture.

The cost estimating data was prepared by:

Tim R. Gebott, who has over 40 years construction contract estimating and programming experience. Mr. Gebott holds a BS degree in Civil Engineering.

COMMUNITY INFORMATION	LONGHILL STATION

Study Level: Level II Association Name: Longhill Station 3900 Longhill Station Road, Williamsburg, VA Community Location / Address: Community Size (Number of Units): 181 Single Family Unit Type(s): Berkley Realty Property Management Management: Represented by: Diane Clarcq, CMCA, AMS, PCAM 757-229-6810 xt 209 dclarcq@berkeley-realty.com Telephone and E-mail: Year(s) constructed: 1997 N/A Year converted: Entrance Sign, Entrance Wall, Entrance Fencing, Irrigiation, Ponds, Path, Parking Lot, Pool, Clubhouse, Scope of Reserves: Restrooms, Fencing

FINANCIAL SUMMARY

Current Reserve Account Balance Information:				
Average annual income rate on reserve deposit accounts:	0.10%			
Balance on account:	<u>\$95,684</u>	as of	6-31-18	
Less contributions already made this year:	<u>\$39,345</u>			
Plus expenditures already made and/or scheduled:	<u>\$7,877</u>			
Money held in investment accounts:	\$0			
Total balance:	\$64,216	as of	1/1/2018	
Reserve Account Contribution in Study Year:				
Current budgeted contribution for study year:	\$39,345	for	2018	
Recommended contribution for study year from Reserve Funding Navigator worksheet:	\$39,345			
Remaining contribution to be made for study year:	\$0			

INTERACTIVE ANALYSIS - WORKING DRAFT

This document is a draft print-out of the spreadsheet analysis for your community's capital reserve account. It illustrates your current fund balance, current funding level, investment income and projected annual expenditures - all in current dollars. The next step in the completion of this analysis is a **working session** conducted with representatives of the community. The working session will review all input information and assumptions made in the analysis. We will then look together at alternate funding plans, from which the community can select a model to become the recommended working in the report. For the session to be most successful, participants should include management, association board members and/or budget committee members. The working session can be conducted online via an internet link or in person. A complete explanation of the working session is available in our information article entitled "DMA's Working Session" included in the Appendix. Upon completion of the interactive working session(s) the primary results of the analysis will be shown below.

CASH FLOW FUNDING MODEL (current as of the latest date on the cover of this report):

Projected Inflation and Escalation Rates (from Reserve Funding Navigator):		
The projected inflation rate used in this printout is:	2.49%	
The projected annual contribution escalation rate in this printout is:	0.00%	
Reserve Funding Projections for next Four Years (from Reserve Funding Navigator):	Amount	Year
	\$39,800.00	2019
	\$39,800.00	2020
	\$39,800.00	2021
	\$39,800.00	2022

COMMENTS:

Based on the financial information provided by the community, the association would be able to maintain a fully funded Reserve Account Balance for the full 30 year study period by continuing the 2019 budgeted contribution throughout the study period. As future projects are completed and actual costs gathered, DMA can be called upon at our hourly rate to make financial updates to the existing study until a Full Reserve Study Update is required.



	BASIC COMPONENT INF	COMPONENT INFORMATION				SITE VISIT INFORMATION					
LINE NUMBER	COMPONENT NAME	LOCATION	FIELD MEASURED QUANTITY OR COUNT	UNITS	% QUANTITY TO BE REPLACED EACH OCCURRENCE	ED COMMENTS AND DESCRIPTION OF SPECIAL CONDITIONS					
1.00	ROADS, FLATWORK, & DRAINAGE										
1.01	Asphalt overlay	Access Drive	210	SY	100%		1997				
1.02	Asphalt overlay	Parking Lot	692	SY	100%		1997				
1.03	Asphalt street milling	Parking Lot	692	SY	100%	The parking lot to the pool is in overall fair condition and we have extended the useful life for milling	1997				
1.04	Asphalt sealcoating	Parking Lot	692	SY	100%	and overlay. In Service Dates for sealcoating should be verified. We have included a repair	2012				
1.05	Lot striping	Parking Lot	15	SPACE	100%	allowance for the drainage easements but costs and repair intervals should be adjusted to reflect	2012				
1.06	Asphalt patching allowance	Parking Lot	692	SY	5%	the experiences of the community. Sidewalks and Curb & Gutter should be repaired or sections	1997				
1.07	Concrete curb and gutter	Parking Lot	560	LF	5%	replaced as needed.	1997				
1.08	Concrete sidewalk	Parking Lot	500	SF	5%		1997				
1.09	Storm pipe & inlet repair allowance	Drainage Easements	2000	LF	5%		2017				
2.00	EXTERIOR LIGHTING										
2.01	Entrance light fixture	Entrance Feature	1	EA	100%		1997				
2.02	Lighting controller and timer	Entrance Feature	1	EA	100%	Exterior light fixtures are assumed in working order. Lights were not on at the time of the site visit.	1997				
2.03	Floodlight, wall mount	Pool House	4	EA	100%	In Service Dates should be verified.	1997				
2.04	Exterior recessed light	Pool House	5	EA	100%		1997				
3.00	SIGNAGE										
3.01	Street name signs	All Areas	45	EA	0%		2016				
3.02	Traffic control signs	All Areas	11	EA	0%		2016				
3.03	Decorative sign post	All Areas	12	EA	100%		2016				
3.04	Community sign	All Areas	9	EA	100%		2003				
3.05	Sign post, short	Community Signage	9	EA	100%	Signage is in overall fair condition. The entrance brick and fencing needs regularl cleaning to	1997				
3.06	Marquee sign billboard	Pool House	1	EA	100%	prevent staining and algae or moss growth which can cause premature failure of the mortar joi					
3.07	Brick tuck-pointing	Entrance Feature	280	SF	5%						
3.08	Brick cleaning - light soil	Entrance Feature	280	SF	100%						
3.09	Brick replacement - small areas	Entrance Feature	280	SF	5%	-					
3.10	Replace Granite carvings	Entrance Feature	6	CF	100%		1997 1997				
4.00	FENCING	Lindrico i cadro	Ű	01	10070		1007				
4.01	Metal picket fence	Swimming Pool	352	LF	100%		2018				
4.02	Metal picket gate	Swimming Pool	1	EA	100%	Fencing conditions vary. The perimeter fencing is being replaced in sections and percentages and	2018				
4.02	Vinyl fence, picket	Entrance Feature	205	LF	100%	intervals should be adjusted. The fencing at the pool is currently set to be replaced with chain link.	1997				
4.04	Wood fence, stockade	Perimeter	1976	LF	10%	If the community intends to replace this with a different material, we can make adjustments to the	2014				
4.05	Wood fence, two rail cedar	BMP's	32	LF	0%	study to calculate accordingly. The two rail fence at one of the BMP's	1997				
5.00	LANDSCAPING & IRRIGATION		52		078		1337				
5.00	Irrigation controller	Entrance Feature	1	EA	100%		1997				
5.02	Backflow preventer	Entrance Feature	1	EA	100%	Assumed in working condition. Irrigation system was not on at the time of the site visit.	1997				
6.00	POND # 1: BY COMMUNITY POOL	Entrance Feature		EA	100%		1997				
		Desid # As Des Operations its Desid	_	1.0	000/		0045				
6.01	Dam inspection and repair	Pond # 1: By Community Pool	1	LS	20%	4	2015				
6.02	Dredging	Pond # 1: By Community Pool	250	CY	33%	4	2016				
6.03	Stabilize dredging spoils	Pond # 1: By Community Pool	250	CY	33%	Pond conditions vary. Inspection intervals should be verified. There were several areas where	2016				
6.04	Haul off dredging spoils	Pond # 1: By Community Pool	250	CY	33%	small trees and other woody growth had been cut. Slopes should be maintained with grasses to	2016				
6.05	Outfall riser	Pond # 1: By Community Pool	1	EA	100%	prevent soil erosion. We recommend community's have bathymetric studies performed to better determine the amount of silt build-up over time which will help calculate more accurately when ponds	2014				
6.06	Outflow tee	Pond # 1: By Community Pool	1	EA	100%	will need to be dredged and how much material will need to be removed.	2014 2014				
6.07	Trash rack	Pond # 1: By Community Pool	1	EA	100%	will need to be dredged and how much material will need to be removed.					
6.08	Outfall piping	Pond # 1: By Community Pool	60	LF	10%		1997				

	BASIC COMPONENT INF	ORMATION				SITE VISIT INFORMATION	AGE
LINE NUMBER	COMPONENT NAME	LOCATION	FIELD MEASURED QUANTITY OR COUNT	UNITS	% QUANTITY TO BE REPLACED EACH OCCURRENCE	COMMENTS AND DESCRIPTION OF SPECIAL CONDITIONS	LAST IN- SERVICE DATE
6.09	Inlet discharge piping	Pond # 1: By Community Pool	180	LF	10%		1997
7.00	POND # 2: ALLEGHENY ROAD						
7.01	Dam inspection and repair	Pond # 2: Allegheny Rd.	1	LS	20%		2015
7.02	Dredging	Pond # 2: Allegheny Rd.	370	CY	33%		2016
7.03	Stabilize dredging spoils	Pond # 2: Allegheny Rd.	370	CY	33%		2016
7.04	Haul off dredging spoils	Pond # 2: Allegheny Rd.	370	CY	33%		2016
7.05	Rip-Rap	Pond # 2: Allegheny Rd.	54	SY	20%	Pond conditions vary. Inspection intervals should be verified. There were several areas where	1997
7.06	Outfall riser	Pond # 2: Allegheny Rd.	1	EA	100%	small trees and other woody growth had been cut. Slopes should be maintained with grasses to prevent soil erosion. We recommend community's have bathymetric studies performed to better	1997
7.07	Outflow tee	Pond # 2: Allegheny Rd.	1	EA	100%	determine the amount of silt build-up over time which will help calculate more accurately when ponds	1997
7.08	Trash rack	Pond # 2: Allegheny Rd.	1	EA	100%	will need to be dredged and how much material will need to be removed.	1997
7.09	Outfall piping	Pond # 2: Allegheny Rd.	80	LF	10%		1997
7.10	Inlet discharge piping	Pond # 2: Allegheny Rd.	150	LF	10%		1997
7.11	Fountain	Pond # 2: Allegheny Rd.	1	EA	100%		2017
7.12	Electrical service for fountain	Pond # 2: Allegheny Rd.	1	EA	100%		2017
8.00	POND # 3: ALLEGHENY CUL-DE-SAC						
8.01	Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	1	LS	20%		2015
8.02	Dredging	Pond # 3: Allegheny Cul-De-Sac	270	CY	33%		1997
8.03	Stabilize dredging spoils	Pond # 3: Allegheny Cul-De-Sac	270	CY	33%		1997
8.04	Haul off dredging spoils	Pond # 3: Allegheny Cul-De-Sac	270	CY	33%	Pond conditions vary. Inspection intervals should be verified. There were several areas where	1997
8.05	Rip-Rap	Pond # 3: Allegheny Cul-De-Sac	25	SY	20%	small trees and other woody growth had been cut. Slopes should be maintained with grasses to	1997
8.06	Outfall riser	Pond # 3: Allegheny Cul-De-Sac	1	EA	100%	prevent soil erosion. We recommend community's have bathymetric studies performed to better determine the amount of silt build-up over time which will help calculate more accurately when ponds	1997
8.07	Outflow tee	Pond # 3: Allegheny Cul-De-Sac	1	EA	100%	will need to be dredged and how much material will need to be removed.	1997
8.08	Trash rack	Pond # 3: Allegheny Cul-De-Sac	1	EA	100%		1997
8.09	Outfall piping	Pond # 3: Allegheny Cul-De-Sac	65	LF	10%		1997
8.10	Inlet discharge piping	Pond # 3: Allegheny Cul-De-Sac	200	LF	10%		1997
9.00	POND # 4: RED WING COURT						
9.01	Dam inspection and repair	Pond # 4: Red Wing Ct.	1	LS	20%		2015
9.02	Dredging	Pond # 4: Red Wing Ct.	300	CY	33%		1997
9.03	Stabilize dredging spoils	Pond # 4: Red Wing Ct.	300	CY	33%	1	1997
9.04	Haul off dredging spoils	Pond # 4: Red Wing Ct.	300	CY	33%	Pond conditions vary. Inspection intervals should be verified. There were several areas where	1997
9.05	Rip-Rap	Pond # 4: Red Wing Ct.	31	SY	20%	small trees and other woody growth had been cut. Slopes should be maintained with grasses to	1997
9.06	Outfall riser	Pond # 4: Red Wing Ct.	1	EA	100%	prevent soil erosion. We recommend community's have bathymetric studies performed to better determine the amount of silt build-up over time which will help calculate more accurately when ponds	1997
9.07	Outflow tee	Pond # 4: Red Wing Ct.	1	EA	100%	will need to be dredged and how much material will need to be removed.	1997
9.08	Trash rack	Pond # 4: Red Wing Ct.	1	EA	100%		1997
9.09	Outfall piping	Pond # 4: Red Wing Ct.	34	LF	10%	1	1997
9.10	Inlet discharge piping	Pond # 4: Red Wing Ct.	270	LF	10%	1	1997

	BASIC COMPONENT INF	ORMATION	SITE VISIT INFORMATION				
LINE NUMBER	COMPONENT NAME	LOCATION	FIELD MEASURED QUANTITY OR COUNT	UNITS	% QUANTITY TO BE REPLACED EACH OCCURRENCE	COMMENTS AND DESCRIPTION OF SPECIAL CONDITIONS	LAST IN- SERVICE DATE
10.00	POND # 5: BLUE RIDGE & ALLEGHENY						
10.01	Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	1	LS	20%		2015
10.02	Dredging	Pond # 5: Blue Ridge & Allegheny	150	CY	33%		1997
10.03	Stabilize dredging spoils	Pond # 5: Blue Ridge & Allegheny	150	CY	33%		1997
10.04	Haul off dredging spoils	Pond # 5: Blue Ridge & Allegheny	150	CY	33%	Pond conditions vary. Inspection intervals should be verified. There were several areas where	1997
10.05	Outfall riser	Pond # 5: Blue Ridge & Allegheny	1	EA	100%	small trees and other woody growth had been cut. Slopes should be maintained with grasses to	2013
10.06	Outflow tee	Pond # 5: Blue Ridge & Allegheny	1	EA	100%	prevent soil erosion. We recommend community's have bathymetric studies performed to better	2013
10.07	Trash rack	Pond # 5: Blue Ridge & Allegheny	1	EA	100%	determine the amount of silt build-up over time which will help calculate more accurately when ponds	s 2013
10.08	Outfall piping	Pond # 5: Blue Ridge & Allegheny	120	LF	10%	will need to be dredged and how much material will need to be removed.	2013
10.09	Inlet discharge piping	Pond # 5: Blue Ridge & Allegheny	80	LF	10%		1997
10.10	Fountain	Pond # 5: Blue Ridge & Allegheny	1	EA	100%		2018
10.11	Electrical service for fountain	Pond # 5: Blue Ridge & Allegheny	1	EA	100%		1997
11.00	SWIMMING POOLS						
11.01	Replace pool structure	Wading Pool	154	SSF	20%		1999
11.02	Resurface pool	Wading Pool	228	SF	100%		2016
11.03	Replace skim line tile	Wading Pool	52	LF	100%		2017
11.04	Replace precast pool coping	Wading Pool	52	LF	100%		1999
11.05	Re caulk pool joints	Wading Pool	52	LF	100%		2018
11.06	Pool covers	Wading Pool	190	SF	100%		2015
11.07	Pool equipment, sand filter	Wading Pool	1	EA	100%		2000
11.08	Pool equipment, 1 hp pump	Wading Pool	1	EA	100%		2012
11.09	Replace pool structure	Main Pool	2400	SSF	20%		1999
11.10	Resurface pool	Main Pool	3374	SF	100%		2016
11.11	Replace skim line tile	Main Pool	594	LF	100%		2017
11.12	Replace precast pool coping	Main Pool	230	LF	100%		1999
11.13	Re caulk pool joints	Main Pool	230	LF	100%		2018
11.14	Pool covers	Main Pool	2740	SF	100%	The swimming pools were still closed at the time of the site visit. All in service dates should be	2015
11.15	Pool equipment, sand filter	Main Pool	3	EA	100%	verified and any work done to the pools and pool equipment should be included in the study to better	r 2000
11.16	Pool equipment, 3 hp pump	Main Pool	1	EA	100%	calculate future work. It is assumed that the leak discovered in the wading pool at the time of the	2017
11.17	Ladders & rails	Main Pool	3	EA	100%	previous study has been fixed. The soil erosion near the wading pool appears to have been repaired. We recommend regularly clearing pool deck joints of weeds to prevent damage to the sub	2000
11.18	Stair railing	Main Pool	1	EA	100%	structure of the system. Cracks should also be filled or sections of the concrete replaced as needed	
11.19	Pool lights, underwater	Main Pool	6	EA	100%	to protect the pool structures. Pool furniture was still stored in the restrooms at the time of the site	1999
11.20	Safety equipment allowance	Swimming Pools	2554	SSF	100%	visit and are assumed in working condition. Replacement intervals and percentages can be	2012
11.21	Replace skimmer drains & strainers	Swimming Pools	9	EA	100%	adjusted to reflect the actual experiences of the community.	2018
11.22	Replace pool patios	Swimming Pools	5512	SF	5%		2016
11.23	Pool equipment, filter system	Swimming Pools	1	LS	100%		2018
11.24	Replace piping and valves	Swimming Pools	700	LF	20%		2018
11.25	Pool equipment, chlorination system	Swimming Pools	1	LS	100%		2017



	BASIC COMPONENT INF	ORMATION	SITE VISIT INFORMATION				
LINE NUMBER	COMPONENT NAME	LOCATION	FIELD MEASURED QUANTITY OR COUNT	UNITS	% QUANTITY TO BE REPLACED EACH OCCURRENCE	COMMENTS AND DESCRIPTION OF SPECIAL CONDITIONS	LAST IN- SERVICE DATE
11.26	Guard chair	Swimming Pools	1	EA	100%		2000
11.27	Umbrellas	Swimming Pools	8	EA	100%		2018
11.28	Umbrella stand	Swimming Pools	11	EA	100%		2000
11.29	Tables	Swimming Pools	7	EA	100%		2018
11.30	Side tables	Swimming Pools	4	EA	100%		2008
11.31	Chairs	Swimming Pools	27	EA	100%		2008
11.32	Lounge chairs	Swimming Pools	25	EA	100%		2015
11.33	Picnic tables	Swimming Pools	2	EA	100%		2003
11.34	Gas Grills, stainless	Swimming Pools	1	EA	100%		1999
12.00	POOL HOUSE EXTERIOR						
12.01	Shingled roof, full-dimensional asphalt	Pool House	12	SQ	100%		2016
12.02	Vinyl siding	Pool House	1092	SF	100%	The roof of the pool house was replaced in 2016. We recommend having all exterior doors replaced	1999
12.03	Soffit	Pool House	152	SF	100%	as there was evidence of failure at the frames, thresholds, and the doors themselves. There is	1999
12.04	Fascia	Pool House	152	LF	100%	some cracking and chipping of the vinyl siding. We have shortened the Estimated Useful Life for	1999
12.05	Doors, metal	Pool House	4	EA	100%	this component based on actual evidence that contradicts the original industry standard life which was used in the past. Water fountains are assumed in working order.	1999
12.06	Doors, solid dutch	Pool House	1	EA	100%	was used in the past. Water fountains are assumed in working order.	1999
12.07	Water fountain	Pool House	2	EA	100%		2004
13.00	POOL HOUSE INTERIOR						
13.01	Doors, wood louvered, interior	Pool House	2	EA	100%		2000
13.02	Fluorescent light fixture	Pool House	6	EA	100%		2000
13.03	Folding chair	Pool House	2	EA	0%		2000
13.04	Toilet partitions	Pool House	3	EA	100%		2000
13.05	ADA grab bars	Pool House	2	EA	100%		2000
13.06	Mirror	Pool House	2	EA	100%		2000
13.07	Toilet tissue dispenser	Pool House	3	EA	100%		2000
13.08	Paper towel dispenser	Pool House	2	EA	100%	Viewing the interior finishes and fixtures was difficult at the time of the site visit as these areas are	2000
13.09	Wiring riser system, repair allowance	Pool House	890	GSF	5%	the storage location for the pool furnishings. There were no noticed signs of damage or failure and all components are assumed in good functioning order. We would recommend having all	2000
13.10	Electrical service panel	Pool House	1	EA	100%	components of the pool and pool house inspected every fall at the close of the pool and again when	2000
13.11	Plumbing infrastructure repair allowance	Pool House	890	GSF	5%	it reopens for the season. This will prevent potential closure of the pool during the season for large	2000
13.12	Water heater, residential, electric	Pool House	1	EA	0%	repairs or replacements.	2000
13.13	Floor-mounted toilet, tank type	Pool House	3	EA	100%		2011
13.14	Urinal, wall hung	Pool House	1	EA	100%		2000
13.15	Lavatories	Pool House	2	EA	100%		2000
13.16	Mop sink	Pool House	1	EA	100%		2000
13.17	Replace lavatory fixtures	Pool House	3	EA	100%		2000
13.18	Replace shower fixtures	Pool House	2	EA	100%		2000
13.19	Ventilation fan	Pool House	1	EA	100%		2012

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	BASIC COMPONENT INF	ORMATION		LIFE C			REPLACEMENT COST					
	BASIC COMPONENT IN	ORMATION					LOCATION CCI	85.8	BASE CCI		87.3	
LINE NUMBER	COMPONENT NAME	LOCATION	CURRENT ESTIMATED USEFUL LIFE (EUL)	REPLACEMENT INTERVAL AFTER FIRST REPLACEMENT	REMAINING USEFUL LIFE OR YEARS PAST DUE	NEXT REPLACEMENT YEAR	% OF TOTAL QUANTITY TO BE REPLACED	UNITS	QUANTITY OR COUNT	UNIT COST	REPLACEMENT COST, PER OCCURRENCE	
1.00	ROADS, FLATWORK, & DRAINAGE											
1.01	Asphalt overlay	Access Drive	30	25	9	2027	100%	SY	210	\$11.44	\$2,402.40	
1.02	Asphalt overlay	Parking Lot	30	25	9	2027	100%	SY	692	\$11.44	\$7,916.48	
1.03	Asphalt street milling	Parking Lot	30	25	9	2027	100%	SY	692	\$4.39	\$3,037.88	
1.04	Asphalt sealcoating	Parking Lot	7	5	1	2019	100%	SY	692	\$0.95	\$657.40	
1.05	Lot striping	Parking Lot	7	5	1	2019	100%	SPACE	15	\$24.42	\$366.30	
1.06	Asphalt patching allowance	Parking Lot	27	5	6	2024	5%	SY	692	\$90.13	\$3,118.50	
1.07	Concrete curb and gutter	Parking Lot	30	5	9	2027	5%	LF	560	\$67.58	\$1,892.24	
1.08	Concrete sidewalk	Parking Lot	25	5	4	2022	5%	SF	500	\$8.59	\$214.75	
1.09	Storm pipe & inlet repair allowance	Drainage Easements	5	5	4	2022	100%	LS	1	\$22,139.35	\$22,139.35	
2.00	EXTERIOR LIGHTING											
2.01	Entrance light fixture	Entrance Feature	25	15	4	2022	100%	EA	1	\$95.43	\$95.43	
2.02	Lighting controller and timer	Entrance Feature	30	30	9	2027	100%	EA	1	\$1,320.81	\$1,320.81	
2.03	Floodlight, wall mount	Pool House	25	25	4	2022	100%	EA	4	\$184.50	\$738.00	
2.04	Exterior recessed light	Pool House	25	25	4	2022	100%	EA	5	\$186.46	\$932.30	
3.00	SIGNAGE											
3.01	Street name signs	All Areas	35	35	33	2051	0%	EA	45	\$280.32	\$0.00	
3.02	Traffic control signs	All Areas	35	35	33	2051	0%	EA	11	\$189.99	\$0.00	
3.03	Decorative sign post	All Areas	35	35	33	2051	100%	EA	12	\$308.26	\$3,699.12	
3.04	Community sign	All Areas	30	30	15	2033	100%	EA	9	\$170.57	\$1,535.13	
3.05	Sign post, short	Community Signage	35	35	14	2032	100%	EA	9	\$221.80	\$1,996.20	
3.06	Marquee sign billboard	Pool House	30	30	30	2048	100%	LS	1	\$530.00	\$530.00	
3.07	Brick tuck-pointing	Entrance Feature	40	10	19	2037	5%	SF	280	\$13.15	\$184.10	
3.08	Brick cleaning - light soil	Entrance Feature	21	10	0	2018	100%	SF	280	\$1.28	\$358.40	
3.09	Brick replacement - small areas	Entrance Feature	40	20	19	2037	5%	SF	280	\$118.41	\$1,657.74	
3.10	Replace Granite carvings	Entrance Feature	50	50	29	2047	100%	CF	6	\$414.61	\$2,487.66	
4.00	FENCING										.,	
4.01	Metal picket fence	Swimming Pool	35	35	35	2053	100%	LS	1	\$11,000.00	\$11,000.00	
4.02	Metal picket gate	Swimming Pool	35	35	35	2053	100%	LS	1	\$1,175.00	\$1,175.00	
4.03	Vinyl fence, picket	Entrance Feature	35	35	14	2032	100%	LF	205	\$38.11	\$7,812.55	
4.04	Wood fence, stockade	Perimeter	15	15	11	2029	100%	LS	1	\$17,445.00	\$17,445.00	
4.05	Wood fence, two rail cedar	BMP's	25	25	4	2022	0%	LF	32	\$23.68	\$0.00	
5.00	LANDSCAPING & IRRIGATION						• ,•					
5.01	Irrigation controller	Entrance Feature	21	10	0	2018	100%	EA	1	\$766.13	\$766.13	
5.02	Backflow preventer	Entrance Feature	21	20	0	2018	100%	EA	1	\$922.25	\$922.25	
6.00	POND # 1: BY COMMUNITY POOL				-							
6.01	Dam inspection and repair	Pond # 1: By Community Pool	3	3	0	2018	20%	LS	1	\$5,998.45	\$1,199.69	
6.02	Dredging	Pond # 1: By Community Pool	30	30	28	2046	100%	LS	1	\$8,089.80	\$8,089.80	
6.03	Stabilize dredging spoils	Pond # 1: By Community Pool	30	30	28	2046	100%	LS	1	\$1,782.13	\$1,782.13	
6.04	Haul off dredging spoils	Pond # 1: By Community Pool	30	30	28	2046	100%	LS	1	\$2,022.45	\$2,022.45	
6.05	Outfall riser	Pond # 1: By Community Pool	50	50	46	2064	100%	EA	1	\$6,973.95	\$6,973.95	
6.06	Outflow tee	Pond # 1: By Community Pool	50	50	46	2064	100%	EA	1	\$1,347.85	\$1,347.85	
6.07	Trash rack	Pond # 1: By Community Pool	25	25	21	2039	100%	EA	1	\$785.07	\$785.07	
6.08	Outfall piping	Pond # 1: By Community Pool	50	5	29	2039	100%	LF	60	\$130.10	\$780.60	
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				LIFE C					REPLACEME	NT COST	
	BASIC COMPONENT INF	ORIMATION					LOCATION CCI	85.8		BASE CCI	87.3
LINE NUMBER	COMPONENT NAME	LOCATION	CURRENT ESTIMATED USEFUL LIFE (EUL)	REPLACEMENT INTERVAL AFTER FIRST REPLACEMENT	REMAINING USEFUL LIFE OR YEARS PAST DUE	NEXT REPLACEMENT YEAR	% OF TOTAL QUANTITY TO BE REPLACED	UNITS	QUANTITY OR COUNT	UNIT COST	REPLACEMENT COST, PER OCCURRENCE
6.09	Inlet discharge piping	Pond # 1: By Community Pool	50	5	29	2047	10%	LF	180	\$45.72	\$822.96
7.00	POND # 2: ALLEGHENY ROAD										
7.01	Dam inspection and repair	Pond # 2: Allegheny Rd.	3	3	0	2018	20%	LS	1	\$5,998.45	\$1,199.69
7.02	Dredging	Pond # 2: Allegheny Rd.	30	30	28	2046	100%	LS	1	\$7,078.57	\$7,078.57
7.03	Stabilize dredging spoils	Pond # 2: Allegheny Rd.	30	30	28	2046	100%	LS	1	\$964.46	\$964.46
7.04	Haul off dredging spoils	Pond # 2: Allegheny Rd.	30	30	28	2046	100%	LS	1	\$1,011.22	\$1,011.22
7.05	Rip-Rap	Pond # 2: Allegheny Rd.	30	10	9	2027	20%	SY	54	\$101.05	\$1,091.34
7.06	Outfall riser	Pond # 2: Allegheny Rd.	50	50	29	2047	100%	EA	1	\$6,973.95	\$6,973.95
7.07	Outflow tee	Pond # 2: Allegheny Rd.	50	50	29	2047	100%	EA	1	\$1,347.85	\$1,347.85
7.08	Trash rack	Pond # 2: Allegheny Rd.	25	25	4	2022	100%	EA	1	\$785.07	\$785.07
7.09	Outfall piping	Pond # 2: Allegheny Rd.	50	5	29	2047	10%	LF	80	\$130.10	\$1,040.80
7.10	Inlet discharge piping	Pond # 2: Allegheny Rd.	50	5	29	2047	10%	LF	150	\$45.72	\$685.80
7.11	Fountain	Pond # 2: Allegheny Rd.	10	10	9	2027	100%	LS	1	\$2,610.60	\$2,610.60
7.12	Electrical service for fountain	Pond # 2: Allegheny Rd.	30	30	29	2047	100%	LS	1	\$1,305.30	\$1,305.30
8.00	POND # 3: ALLEGHENY CUL-DE-SAC										
8.01	Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	3	3	0	2018	20%	LS	1	\$5,998.45	\$1,199.69
8.02	Dredging	Pond # 3: Allegheny Cul-De-Sac	30	30	9	2027	33%	CY	270	\$15.01	\$1,337.39
8.03	Stabilize dredging spoils	Pond # 3: Allegheny Cul-De-Sac	30	30	9	2027	33%	CY	270	\$20.76	\$1,849.72
8.04	Haul off dredging spoils	Pond # 3: Allegheny Cul-De-Sac	30	30	9	2027	33%	CY	270	\$13.68	\$1,218.89
8.05	Rip-Rap	Pond # 3: Allegheny Cul-De-Sac	30	30	9	2027	20%	SY	25	\$101.05	\$505.25
8.06	Outfall riser	Pond # 3: Allegheny Cul-De-Sac	50	50	29	2047	100%	EA	1	\$6,973.95	\$6,973.95
8.07	Outflow tee	Pond # 3: Allegheny Cul-De-Sac	50	50	29	2047	100%	EA	1	\$1,347.85	\$1,347.85
8.08	Trash rack	Pond # 3: Allegheny Cul-De-Sac	25	25	4	2022	100%	EA	1	\$785.07	\$785.07
8.09	Outfall piping	Pond # 3: Allegheny Cul-De-Sac	50	5	29	2047	10%	LF	65	\$130.10	\$845.65
8.10	Inlet discharge piping	Pond # 3: Allegheny Cul-De-Sac	50	5	29	2047	10%	LF	200	\$45.72	\$914.40
9.00	POND # 4: RED WING COURT										
9.01	Dam inspection and repair	Pond # 4: Red Wing Ct.	3	3	0	2018	20%	LS	1	\$5,998.45	\$1,199.69
9.02	Dredging	Pond # 4: Red Wing Ct.	30	30	9	2027	33%	CY	300	\$15.01	\$1,485.99
9.03	Stabilize dredging spoils	Pond # 4: Red Wing Ct.	30	30	9	2027	33%	CY	300	\$20.76	\$2,055.24
9.04	Haul off dredging spoils	Pond # 4: Red Wing Ct.	30	30	9	2027	33%	CY	300	\$13.68	\$1,354.32
9.05	Rip-Rap	Pond # 4: Red Wing Ct.	30	30	9	2027	20%	SY	31	\$101.05	\$626.51
9.06	Outfall riser	Pond # 4: Red Wing Ct.	50	50	29	2047	100%	EA	1	\$6,973.95	\$6,973.95
9.07	Outflow tee	Pond # 4: Red Wing Ct.	50	50	29	2047	100%	EA	1	\$1,347.85	\$1,347.85
9.08	Trash rack	Pond # 4: Red Wing Ct.	25	25	4	2022	100%	EA	1	\$785.07	\$785.07
9.09	Outfall piping	Pond # 4: Red Wing Ct.	50	5	29	2047	10%	LF	34	\$130.10	\$442.34
9.10	Inlet discharge piping	Pond # 4: Red Wing Ct.	50	5	29	2047	10%	LF	270	\$45.72	\$1,234.44

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									REPLACEME	NT COST	
	BASIC COMPONENT INF	ORMATION		LIFE C			LOCATION CCI	85.8		BASE CCI	87.3
LINE NUMBER	COMPONENT NAME	LOCATION	CURRENT ESTIMATED USEFUL LIFE (EUL)	REPLACEMENT INTERVAL AFTER FIRST REPLACEMENT	REMAINING USEFUL LIFE OR YEARS PAST DUE	NEXT REPLACEMENT YEAR	% OF TOTAL QUANTITY TO BE REPLACED	UNITS	QUANTITY OR COUNT	UNIT COST	REPLACEMENT COST, PER OCCURRENCE
10.00	POND # 5: BLUE RIDGE & ALLEGHENY										
10.01	Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	3	3	0	2018	20%	LS	1	\$5,998.45	\$1,199.69
10.02	Dredging	Pond # 5: Blue Ridge & Allegheny	30	30	9	2027	33%	CY	150	\$15.01	\$743.00
10.03	Stabilize dredging spoils	Pond # 5: Blue Ridge & Allegheny	30	30	9	2027	33%	CY	150	\$20.76	\$1,027.62
10.04	Haul off dredging spoils	Pond # 5: Blue Ridge & Allegheny	30	30	9	2027	33%	CY	150	\$13.68	\$677.16
10.05	Outfall riser	Pond # 5: Blue Ridge & Allegheny	50	50	45	2063	100%	EA	1	\$6,973.95	\$6,973.95
10.06	Outflow tee	Pond # 5: Blue Ridge & Allegheny	50	50	45	2063	100%	EA	1	\$1,347.85	\$1,347.85
10.07	Trash rack	Pond # 5: Blue Ridge & Allegheny	25	25	20	2038	100%	EA	1	\$785.07	\$785.07
10.08	Outfall piping	Pond # 5: Blue Ridge & Allegheny	50	5	45	2063	10%	LF	120	\$130.10	\$1,561.20
10.09	Inlet discharge piping	Pond # 5: Blue Ridge & Allegheny	50	5	29	2047	10%	LF	80	\$45.72	\$365.76
10.10	Fountain	Pond # 5: Blue Ridge & Allegheny	10	10	10	2028	100%	LS	1	\$1,500.00	\$1,500.00
10.11	Electrical service for fountain	Pond # 5: Blue Ridge & Allegheny	30	30	9	2027	100%	EA	1	\$1,320.81	\$1,320.81
11.00	SWIMMING POOLS										
11.01	Replace pool structure	Wading Pool	40	40	21	2039	20%	SSF	154	\$134.39	\$4,139.21
11.02	Resurface pool	Wading Pool	10	10	8	2026	100%	LS	1	\$5,827.69	\$5,827.69
11.03	Replace skim line tile	Wading Pool	20	20	19	2037	100%	LF	52	\$24.96	\$1,297.92
11.04	Replace precast pool coping	Wading Pool	40	40	21	2039	100%	LF	52	\$57.19	\$2,973.88
11.05	Re caulk pool joints	Wading Pool	10	10	10	2028	100%	LS	1	\$521.75	\$521.75
11.06	Pool covers	Wading Pool	10	10	7	2025	100%	SF	190	\$4.13	\$784.70
11.07	Pool equipment, sand filter	Wading Pool	25	25	7	2025	100%	EA	1	\$1,573.37	\$1,573.37
11.08	Pool equipment, 1 hp pump	Wading Pool	15	15	9	2027	100%	EA	1	\$3,934.05	\$3,934.05
11.09	Replace pool structure	Main Pool	40	40	21	2039	20%	SSF	2,400	\$141.53	\$67,934.40
11.10	Resurface pool	Main Pool	10	10	8	2026	100%	LS	1	\$18,202.05	\$18,202.05
11.11	Replace skim line tile	Main Pool	20	20	19	2037	100%	LF	594	\$24.96	\$14,826.24
11.12	Replace precast pool coping	Main Pool	20	20	1	2019	100%	LF	230	\$57.19	\$13,153.70
11.13	Re caulk pool joints	Main Pool	10	10	10	2028	100%	LS	1	\$2,000.00	\$2,000.00
11.14	Pool covers	Main Pool	10	10	7	2025	100%	SF	2,740	\$4.13	\$11,316.20
11.15	Pool equipment, sand filter	Main Pool	25	25	7	2025	100%	EA	3	\$1,863.30	\$5,589.90
11.16	Pool equipment, 3 hp pump	Main Pool	15	15	14	2032	100%	LS	1	\$7,425.84	\$7,425.84
11.17	Ladders & rails	Main Pool	40	40	22	2040	100%	EA	3	\$1,512.66	\$4,537.98
11.18	Stair railing	Main Pool	40	40	33	2051	100%	EA	1	\$221.84	\$221.84
11.19	Pool lights, underwater	Main Pool	20	10	1	2019	100%	EA	6	\$991.98	\$5,951.88
11.20	Safety equipment allowance	Swimming Pools	15	15	9	2027	100%	SSF	2,554	\$1.83	\$4,673.82
11.21	Replace skimmer drains & strainers	Swimming Pools	40	40	40	2058	100%	LS	1	\$1,575.00	\$1,575.00
11.22	Replace pool patios	Swimming Pools	20	5	18	2036	100%	LS	1	\$1,612.90	\$1,612.90
11.23	Pool equipment, filter system	Swimming Pools	15	15	15	2033	100%	LS	1	\$3,300.00	\$3,300.00
11.24	Replace piping and valves	Swimming Pools	40	10	40	2058	100%	LS	1	\$400.00	\$400.00
11.25	Pool equipment, chlorination system	Swimming Pools	20	10	19	2037	100%	LS	1	\$1,406.79	\$1,406.79

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						1	LOCATION CCI	85.8	•	BASE CCI	87.3
LINE NUMBER	COMPONENT NAME	LOCATION	CURRENT ESTIMATED USEFUL LIFE (EUL)	REPLACEMENT INTERVAL AFTER FIRST REPLACEMENT	REMAINING USEFUL LIFE OR YEARS PAST DUE	NEXT REPLACEMENT YEAR	% OF TOTAL QUANTITY TO BE REPLACED	UNITS	QUANTITY OR COUNT	UNIT COST	REPLACEMENT COST, PER OCCURRENCE
11.26	Guard chair	Swimming Pools	25	25	7	2025	100%	EA	1	\$4,545.88	\$4,545.88
11.27	Umbrellas	Swimming Pools	7	7	7	2025	100%	LS	1	\$459.17	\$459.17
11.28	Umbrella stand	Swimming Pools	25	25	7	2025	100%	EA	11	\$73.71	\$810.81
11.29	Tables	Swimming Pools	15	15	15	2033	100%	LS	1	\$800.00	\$800.00
11.30	Side tables	Swimming Pools	15	15	5	2023	100%	EA	4	\$73.71	\$294.84
11.31	Chairs	Swimming Pools	15	15	5	2023	100%	EA	27	\$73.71	\$1,990.17
11.32	Lounge chairs	Swimming Pools	15	15	12	2030	100%	EA	25	\$176.91	\$4,422.75
11.33	Picnic tables	Swimming Pools	20	20	5	2023	100%	EA	2	\$1,049.14	\$2,098.28
11.34	Gas Grills, stainless	Swimming Pools	20	20	1	2019	100%	EA	1	\$294.85	\$294.85
12.00	POOL HOUSE EXTERIOR										
12.01	Shingled roof, full-dimensional asphalt	Pool House	20	20	18	2036	100%	LS	1	\$3,933.67	\$3,933.67
12.02	Vinyl siding	Pool House	35	35	16	2034	100%	SF	1,092	\$5.93	\$6,475.56
12.03	Soffit	Pool House	35	35	16	2034	100%	SF	152	\$8.67	\$1,317.84
12.04	Fascia	Pool House	35	35	16	2034	100%	LF	152	\$5.41	\$822.32
12.05	Doors, metal	Pool House	19	20	0	2018	100%	EA	4	\$1,078.65	\$4,314.60
12.06	Doors, solid dutch	Pool House	19	20	0	2018	100%	EA	1	\$674.15	\$674.15
12.07	Water fountain	Pool House	30	30	16	2034	100%	EA	2	\$1,711.08	\$3,422.16
13.00	POOL HOUSE INTERIOR										
13.01	Doors, wood louvered, interior	Pool House	20	20	2	2020	100%	EA	2	\$481.95	\$963.90
13.02	Fluorescent light fixture	Pool House	40	40	22	2040	100%	EA	6	\$197.53	\$1,185.18
13.03	Folding chair	Pool House	20	20	2	2020	0%	EA	2	\$61.39	\$0.00
13.04	Toilet partitions	Pool House	25	25	7	2025	100%	EA	3	\$928.87	\$2,786.61
13.05	ADA grab bars	Pool House	25	25	7	2025	100%	EA	2	\$173.51	\$347.02
13.06	Mirror	Pool House	25	25	7	2025	100%	EA	2	\$165.28	\$330.56
13.07	Toilet tissue dispenser	Pool House	25	25	7	2025	100%	EA	3	\$57.93	\$173.79
13.08	Paper towel dispenser	Pool House	25	25	7	2025	100%	EA	2	\$90.27	\$180.54
13.09	Wiring riser system, repair allowance	Pool House	50	5	32	2050	5%	GSF	890	\$3.44	\$153.08
13.10	Electrical service panel	Pool House	50	50	32	2050	100%	EA	1	\$2,597.59	\$2,597.59
13.11	Plumbing infrastructure repair allowance	Pool House	20	5	2	2020	5%	GSF	890	\$8.85	\$393.83
13.12	Water heater, residential, electric	Pool House	20	20	2	2020	0%	EA	1	\$1,656.49	\$0.00
13.13	Floor-mounted toilet, tank type	Pool House	30	30	23	2041	100%	EA	3	\$541.40	\$1,624.20
13.14	Urinal, wall hung	Pool House	30	30	12	2030	100%	EA	1	\$1,018.18	\$1,018.18
13.15	Lavatories	Pool House	30	30	12	2030	100%	EA	2	\$483.43	\$966.86
13.16	Mop sink	Pool House	30	30	12	2030	100%	EA	1	\$548.04	\$548.04
13.17	Replace lavatory fixtures	Pool House	30	15	12	2030	100%	EA	3	\$222.37	\$667.11
13.18	Replace shower fixtures	Pool House	30	15	12	2030	100%	EA	2	\$548.58	\$1,097.16
13.19	Ventilation fan	Pool House	15	15	9	2027	100%	EA	1	\$573.52	\$573.52



2018				2019			
Sum of 2018				Sum of 2019			
INE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
	06 Marquee sign billboard	Pool House	\$530		Asphalt sealcoating	Parking Lot	\$674
3.	08 Brick cleaning - light soil	Entrance Feature	\$358	1.05	Lot striping	Parking Lot	\$375
4.	01 Metal picket fence	Swimming Pool	\$11,000	11.12	Replace precast pool coping	Main Pool	\$13,481
4.	02 Metal picket gate	Swimming Pool	\$1,175	11.19	Pool lights, underwater	Main Pool	\$6,100
5.	01 Irrigation controller	Entrance Feature	\$766	11.34	Gas Grills, stainless	Swimming Pools	\$302
5.	2 Backflow preventer	Entrance Feature	\$922	Grand Total			\$20,933
6.	1 Dam inspection and repair	Pond # 1: By Community Pool	\$1,200				
7.	1 Dam inspection and repair	Pond # 2: Allegheny Rd.	\$1,200				
8.	01 Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$1,200				
	1 Dam inspection and repair	Pond # 4: Red Wing Ct.	\$1,200				
10.	1 Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	\$1,200				
10	.1 Fountain	Pond # 5: Blue Ridge & Allegheny	\$1,500				
11.	05 Re caulk pool joints	Wading Pool	\$522				
11.	13 Re caulk pool joints	Main Pool	\$2,000				
	21 Replace skimmer drains & strainer	swimming Pools	\$1,575				
	23 Pool equipment, filter system	Swimming Pools	\$3,300				
	24 Replace piping and valves	Swimming Pools	\$400				
	27 Umbrellas	Swimming Pools	\$459				
	29 Tables	Swimming Pools	\$800				
12.	05 Doors, metal	Pool House	\$4,315				
	06 Doors, solid dutch	Pool House	\$674				
rand Total			\$36,295				
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			_				

2020				2021			
Sum of 2020				Sum of 2021			
LINE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
13.01	Doors, wood louvered, interior	Pool House	\$1,013		Dam inspection and repair	Pond # 1: By Community Pool	\$1,292
13.11	Plumbing infrastructure repair all	lov Pool House	\$414	7.01	Dam inspection and repair	Pond # 2: Allegheny Rd. Pond # 3: Allegheny Cul-De-Sac	\$1,292
arand Total	3		\$1,426	8.01	Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$1,292
				9.01	Dam inspection and repair	Pond # 4: Red Wing Ct.	\$1,292
				10.01	Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	\$1,292
				Grand Total		· ·····	\$6,458
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2022				2023			
Sum of 2022				Sum of 2023			
INE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
1.08	Concrete sidewalk	Parking Lot	\$237	11.3	Side tables	Swimming Pools	\$333
1.09	Storm pipe & inlet repair allowance	Drainage Easements	\$24,430	11.31	Chairs	Swimming Pools	\$2,251
2.01	Entrance light fixture	Entrance Feature	\$105		Picnic tables	Swimming Pools	\$2,373
2.03		Pool House	\$814				\$4,957
2.04	Exterior recessed light	Pool House	\$1,029				
7.08	Trash rack	Pond # 2: Allegheny Rd.	\$866				
	Trash rack	Pond # 3: Allegheny Cul-De-Sac	\$866				
	Trash rack	Pond # 4: Red Wing Ct.	\$866				
and Total		Ŭ	\$29,214				
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2024				2025			
um of 2024				Sum of 2025			
NE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
1.04	4 Asphalt sealcoating	Parking Lot	\$762	11.06	Pool covers	Wading Pool	\$932
	5 Lot striping	Parking Lot	\$425	11.07	Pool equipment, sand filter	Wading Pool	\$1,869
1.0	6 Asphalt patching allowance	Parking Lot	\$3,615	11.14	Pool covers	Main Pool	\$13,444
	1 Dam inspection and repair	Pond # 1: By Community Pool	\$1,391	11.15	Pool equipment, sand filter	Main Pool	\$6,641
7.0 ⁻	1 Dam inspection and repair	Pond # 2: Allegheny Rd.	\$1,391	11.26	Guard chair	Swimming Pools	\$5,400
8.0	1 Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$1,391		/ Umbrellas	Swimming Pools	\$545
9.0	1 Dam inspection and repair	Pond # 4: Red Wing Ct.	\$1,391	11.28	B Umbrella stand	Swimming Pools	\$963
	1 Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	\$1,391		Toilet partitions	Pool House	\$3,310
rand Total	· · · ·		\$11,754	13.05	5 ADA grab bars	Pool House	\$412
					6 Mirror	Pool House	\$393
				13.07	7 Toilet tissue dispenser	Pool House	\$206
					Paper towel dispenser	Pool House	\$214
					Plumbing infrastructure repair	allov Pool House	\$468
				Grand Total			\$34,799
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026				2027			
m of 2026				Sum of 2027			
NE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
11.02	Resurface pool	Wading Pool	\$7,096		1 Asphalt overlay	Access Drive	\$2,998
11.1	Resurface pool	Main Pool	\$22,163		2 Asphalt overlay	Parking Lot	\$9,879
arand Total			\$29,258		3 Asphalt street milling	Parking Lot	\$3,791
					7 Concrete curb and gutter	Parking Lot	\$2,361
				1.0	8 Concrete sidewalk	Parking Lot	\$268
				1.0	9 Storm pipe & inlet repair allowar	nce Drainage Easements	\$27,628
				2.0	2 Lighting controller and timer	Entrance Feature	\$1,648
				6.0	1 Dam inspection and repair	Pond # 1: By Community Pool	\$1,497
				7.0	1 Dam inspection and repair	Pond # 2: Allegheny Rd.	\$1,497
				7.0	5 Rip-Rap	Pond # 2: Allegheny Rd.	\$1,362
				7.1	1 Fountain	Pond # 2: Allegheny Rd.	\$3,258
				8.0	1 Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$1,497
				8.0	2 Dredging	Pond # 3: Allegheny Cul-De-Sac	\$1,669
				8.0	3 Stabilize dredging spoils	Pond # 3: Allegheny Cul-De-Sac	\$2,308
				8.0	4 Haul off dredging spoils	Pond # 3: Allegheny Cul-De-Sac	\$1,521
				8.0	5 Rip-Rap	Pond # 3: Allegheny Cul-De-Sac	\$631
				9.0	1 Dam inspection and repair	Pond # 4: Red Wing Ct.	\$1,497
				9.0	2 Dredging	Pond # 4: Red Wing Ct.	\$1,854
				9.0	3 Stabilize dredging spoils	Pond # 4: Red Wing Ct.	\$2,565
				9.0	4 Haul off dredging spoils	Pond # 4: Red Wing Ct.	\$1,690
					5 Rip-Rap	Pond # 4: Red Wing Ct.	\$782
					1 Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	\$1,497
					2 Dredging	Pond # 5: Blue Ridge & Allegheny	\$927
					3 Stabilize dredging spoils	Pond # 5: Blue Ridge & Allegheny	\$1,282
					4 Haul off dredging spoils	Pond # 5: Blue Ridge & Allegheny	\$845
					1 Electrical service for fountain	Pond # 5: Blue Ridge & Allegheny	\$1,648
					B Pool equipment, 1 hp pump	Wading Pool	\$4,909
					2 Safety equipment allowance	Swimming Pools	\$5,833
					9 Ventilation fan	Pool House	\$716
				Grand Total			\$89,860
							400,000
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2028				2029			
um of 2028				Sum of 2029			
NE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
3.08	Brick cleaning - light soil	Entrance Feature	\$458	1.04	Asphalt sealcoating	Parking Lot	\$862
5.01	I Irrigation controller	Entrance Feature	\$980	1.05	5 Lot striping	Parking Lot	\$480
10.1	Fountain	Pond # 5: Blue Ridge & Allegheny	\$1,919	1.00	Asphalt patching allowance	Parking Lot	\$4,088
11.05	5 Re caulk pool joints	Wading Pool	\$667	4.04	Wood fence, stockade	Perimeter	\$22,868
11.13	B Re caulk pool joints	Main Pool	\$2,558	11.19	Pool lights, underwater	Main Pool	\$7,802
irand Total			\$6,582	Grand Total			\$36,100
			+0,001				400,.00
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2030				2031			
Sum of 2030				Sum of 2031			
LINE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
6.01	Dam inspection and repair	Pond # 1: By Community Pool	\$1,612				
7.01	Dam inspection and repair	Pond # 2: Allegheny Rd.	\$1,612				
8.01	Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$1,612				
9.01	Dam inspection and repair	Pond # 4: Red Wing Ct.	\$1,612				
10.01	Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	\$1,612				
11.32	Lounge chairs	Swimming Pools	\$5,942				
13.11	Plumbing infrastructure repair a	allov Pool House	\$529				
13.14	Urinal, wall hung	Pool House	\$1,368				
13.15	Lavatories	Pool House	\$1,299				
	Mop sink	Pool House	\$736				
13.17	Replace lavatory fixtures	Pool House	\$896				
	Replace shower fixtures	Pool House	\$1,474				
Grand Total			\$20,304				
			-				

COMPONENT NAME Concrete curb and gutter	LOCATION		Sum of 2033			
Concrete curb and gutter						
		Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
	Parking Lot	\$2,671	3.04	Community sign	All Areas	\$2,221
Concrete sidewalk	Parking Lot	\$303		Dam inspection and repair	Pond # 1: By Community Pool	\$1,735
Storm pipe & inlet repair allowa	ance Drainage Easements	\$31,246	7.01	Dam inspection and repair	Pond # 2: Allegheny Rd.	\$1,735
Sign post, short	Community Signage	\$2,817	8.01	Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$1,735
Vinyl fence, picket	Entrance Feature	\$11,026	9.01	Dam inspection and repair	Pond # 4: Red Wing Ct.	\$1,735
	Main Pool				Pond # 5: Blue Ridge & Allegheny	\$1,735
	Swimming Pools					\$4,773
						\$1,157
		, ,	Grand Total			\$16,828
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						_
	Sign post, short Vinyl fence, picket Pool equipment, 3 hp pump Umbrellas	Sign post, short Community Signage Vinyl fence, picket Entrance Feature Pool equipment, 3 hp pump Main Pool	Sign post, shortCommunity Signage\$2,817Vinyl fence, picketEntrance Feature\$11,026Pool equipment, 3 hp pumpMain Pool\$10,480	Sign post, shortCommunity Signage\$2,8178.07Vinyl fence, picketEntrance Feature\$11,0269.07Pool equipment, 3 hp pumpMain Pool\$10,48010.07UmbrellasSwimming Pools\$64811.23\$59,19111.23	Sign post, shortCommunity Signage\$2,8178.01Dam inspection and repairVinyl fence, picketEntrance Feature\$11,0269.01Dam inspection and repairPool equipment, 3 hp pumpMain Pool\$10,48010.01Dam inspection and repairUmbrellasSwimming Pools\$64811.23Pool equipment, filter system11.29Tables	Sign post, short Community Signage \$2,817 8.01 Dam inspection and repair Pond # 3: Allegheny Cul-De-Sac Vinyl fence, picket Entrance Feature \$11,026 9.01 Dam inspection and repair Pond # 4: Red Wing Ct. Pool equipment, 3 hp pump Main Pool \$10,480 10.01 Dam inspection and repair Pond # 5: Blue Ridge & Allegheny Umbrellas Swimming Pools \$648 11.23 Pool equipment, filter system Swimming Pools \$59,191 11.29 Tables Swimming Pools Swimming Pools

2034				2035			
Sum of 2034				Sum of 2035			
INE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
1.04	Asphalt sealcoating	Parking Lot	\$975	11.06	Pool covers	Wading Pool	\$1,192
1.05	Lot striping	Parking Lot	\$543	11.14	Pool covers	Main Pool	\$17,194
1.06	Asphalt patching allowance	Parking Lot	\$4,623	13.11	Plumbing infrastructure rep	air allov Pool House	\$598
12.02	Vinyl siding Soffit	Pool House	\$9,600	Grand Total	g		\$18,985
12.03	Soffit	Pool House	\$1,954				+,
12.04	Fascia	Pool House	\$1,219				
	Water fountain	Pool House	\$5,073				
Grand Total		1 001110000	\$23,987				
			φ20,307				
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2036				2037			
Sum of 2036				Sum of 2037			
INE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
6.01	Dam inspection and repair	Pond # 1: By Community Pool	\$1,868	1.0	7 Concrete curb and gutter	Parking Lot	\$3,020
7.01	Dam inspection and repair	Pond # 2: Allegheny Rd.	\$1,868		8 Concrete sidewalk	Parking Lot	\$343
8.01	Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$1,868	1.0	9 Storm pipe & inlet repair allowance	Drainage Easements	\$35,337
9.01	Dam inspection and repair	Pond # 4: Red Wing Ct.	\$1,868	2.0	1 Entrance light fixture	Entrance Feature	\$152
10.01	Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	\$1,868	3.0	7 Brick tuck-pointing	Entrance Feature	\$294
11.02	Resurface pool	Wading Pool	\$9,076	3.0	9 Brick replacement - small areas	Entrance Feature	\$2,646
11.1	Resurface pool	Main Pool	\$28,346	7.0	5 Rip-Rap	Pond # 2: Allegheny Rd.	\$1,742
11.22	Replace pool patios	Swimming Pools	\$2,512	7.1	1 Fountain	Pond # 2: Allegheny Rd.	\$4,167
12.01	Shingled roof, full-dimensional as	p Pool House	\$6,126	11.0	3 Replace skim line tile	Wading Pool	\$2,072
rand Total			\$55,401	11.1	1 Replace skim line tile	Main Pool	\$23,664
			,,		5 Pool equipment, chlorination syste		\$2,245
				Grand Total	· · · · · · · · · · · · · · · · · · ·		\$75,682
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2038				2039			
Sum of 2038				Sum of 2039			
INE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
3.0	B Brick cleaning - light soil	Entrance Feature	\$586	1.	.04 Asphalt sealcoating	Parking Lot	\$1,102
5.0	1 Irrigation controller	Entrance Feature	\$1,253		.05 Lot striping	Parking Lot	\$614
5.0	2 Backflow preventer	Entrance Feature	\$1,509	1.	.06 Asphalt patching allowance	Parking Lot	\$5,229
	7 Trash rack	Pond # 5: Blue Ridge & Allegheny	\$1,284	6.	.01 Dam inspection and repair	Pond # 1: By Community Pool	\$2,011
10.	1 Fountain	Pond # 5: Blue Ridge & Allegheny	\$2,454		.07 Trash rack	Pond # 1: By Community Pool	\$1,316
11.0	5 Re caulk pool joints	Wading Pool	\$854	7.	.01 Dam inspection and repair	Pond # 2: Allegheny Rd.	\$2,011
	3 Re caulk pool joints	Main Pool	\$3,272		.01 Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$2,011
	3 Side tables	Swimming Pools	\$482		.01 Dam inspection and repair	Pond # 4: Red Wing Ct.	\$2,011
11.3	1 Chairs	Swimming Pools	\$3,256	10.	.01 Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	\$2,011
12.0	5 Doors, metal	Pool House	\$7,058	11.	.01 Replace pool structure	Wading Pool	\$6,940
12.0	6 Doors, solid dutch	Pool House	\$1,103	11.	.04 Replace precast pool coping	Wading Pool	\$4,986
irand Total			\$23,111	11.	.09 Replace pool structure	Main Pool	\$113,901
				11.	.12 Replace precast pool coping	Main Pool	\$22,054
				11.	.19 Pool lights, underwater	Main Pool	\$9,979
				11.	.27 Umbrellas	Swimming Pools	\$770
				11.	.34 Gas Grills, stainless	Swimming Pools	\$494
				Grand Total			\$177,442
			-				

2040				2041			
Sum of 2040				Sum of 2041			
INE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
11.17	Ladders & rails	Main Pool	\$7,798	11.2	22 Replace pool patios	Swimming Pools	\$2,841
13.01	Doors, wood louvered, interior	Pool House	\$1,656	13.1	13 Floor-mounted toilet, tank type	Pool House	\$2,861
13.02	Fluorescent light fixture	Pool House	\$2,037	Grand Total			\$5,701
13.11	Plumbing infrastructure repair all	ov Pool House	\$677				
Grand Total	3		\$12,168				
							-

2042				2043			
Sum of 2042				Sum of 2043			
LINE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
1.07	Concrete curb and gutter	Parking Lot	\$3,416	11.33	Picnic tables	Swimming Pools	\$3,882
1.08	Concrete sidewalk	Parking Lot	\$388	Grand Total			\$3,882
1.09	Storm pipe & inlet repair allowa	nce Drainage Easements	\$39,964				
6.01	Dam inspection and repair	Pond # 1: By Community Pool	\$2,166				
7.01	Dam inspection and repair	Pond # 2: Allegheny Rd.	\$2,166				
8.01	Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$2,166				
9.01	Dam inspection and repair	Pond # 4: Red Wing Ct.	\$2,166				
10.01	Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	\$2,166				
11.08	Pool equipment, 1 hp pump	Wading Pool	\$7,101				
11.2	Safety equipment allowance	Swimming Pools	\$8,437				
13.19	Ventilation fan	Pool House	\$1,035				
rand Total			\$71,168				

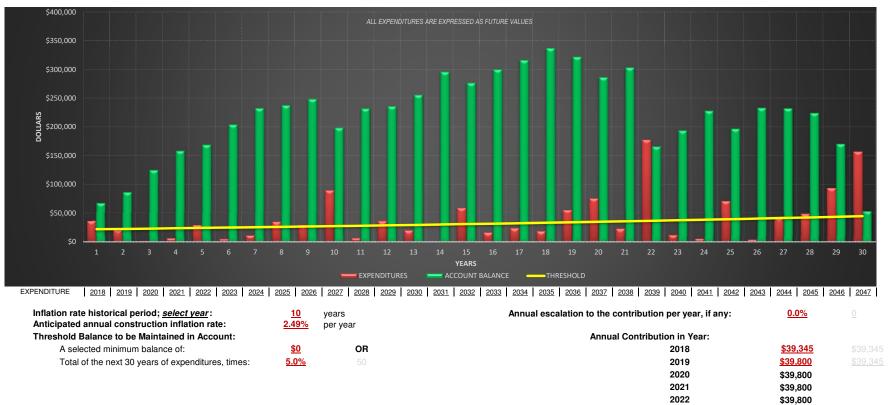
2044				2045			
Sum of 2044				Sum of 2045			
INE NUMBER	COMPONENT NAME	LOCATION	Total	LINE NUMBER	COMPONENT NAME	LOCATION	Total
1.0	4 Asphalt sealcoating	Parking Lot	\$1,247	6.01	Dam inspection and repair	Pond # 1: By Community Pool	\$2,331
1.0	5 Lot striping	Parking Lot	\$695	7.01	Dam inspection and repair	Pond # 2: Allegheny Rd.	\$2,331
1.0	6 Asphalt patching allowance	Parking Lot	\$5,913	8.01	Dam inspection and repair	Pond # 3: Allegheny Cul-De-Sac	\$2,331
4.0	4 Wood fence, stockade	Perimeter	\$33,078	9.01	Dam inspection and repair	Pond # 4: Red Wing Ct.	\$2,331
and Total			\$40,933		Dam inspection and repair	Pond # 5: Blue Ridge & Allegheny	\$2,331
			+ ,		Pool covers	Wading Pool	\$1,525
					Pool covers	Main Pool	\$21,992
					Lounge chairs	Swimming Pools	\$8,595
					Plumbing infrastructure repair allo		\$765
					Replace lavatory fixtures	Pool House	\$1,296
					Replace shower fixtures	Pool House	\$2,132
				Grand Total			\$47,963
							φ 1 7,505
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			Sum of 20/7			
COMPONENT NAME		Total		COMPONENT NAME		Total
						\$3,863
						\$438
						\$45,196
						\$1,507
						\$1,903
						\$376
						\$5.078
		*)				\$1,594
						\$1,680
						\$2,228
27 Ombrenas	Swimming Pools	4			0,	\$14,237
		\$93,710				
						\$2,752
						\$1,603
						\$2,125
						\$1,400
						\$5,329
				1		\$2,665
						\$14,237
				1		\$2,752
						\$1,603
			8.09	Outfall piping		\$1,726
			8.1	Inlet discharge piping	Pond # 3: Allegheny Cul-De-Sac	\$1,867
			9.06	Outfall riser	Pond # 4: Red Wing Ct.	\$14,237
			9.07	Outflow tee	Pond # 4: Red Wing Ct.	\$2,752
			9.08	Trash rack	Pond # 4: Red Wing Ct.	\$1,603
			9.09	Outfall piping	Pond # 4: Red Wing Ct.	\$903
			9.1	Inlet discharge piping	Pond # 4: Red Wing Ct.	\$2,520
						\$747
					Main Pool	\$15,159
					Swimming Pools	\$2,872
					g	\$156,949
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.0	COMPONENT NAME COMPONENT C	02 Dredging Pond # 1: By Community Pool 03 Stabilize dredging spoils Pond # 1: By Community Pool 04 Haul off dredging spoils Pond # 1: By Community Pool 02 Dredging Pond # 1: By Community Pool 03 Stabilize dredging spoils Pond # 2: Allegheny Rd. 03 Stabilize dredging spoils Pond # 2: Allegheny Rd. 04 Haul off dredging spoils Pond # 2: Allegheny Rd. 02 Resurface pool Wading Pool 11 Resurface pool Main Pool 22 Replace pool patios Swimming Pools	02DredgingPond # 1: By Community Pool\$16,113.03Stabilize dredging spoilsPond # 1: By Community Pool\$3,550.04Haul off dredging spoilsPond # 1: By Community Pool\$4,028.02DredgingPond # 2: Allegheny Rd.\$14,099.03Stabilize dredging spoilsPond # 2: Allegheny Rd.\$14,921.04Haul off dredging spoilsPond # 2: Allegheny Rd.\$2,014.02Resurface poolWading Pool\$11,608.11Resurface poolMain Pool\$36,255.22Replace pool patiosSwimming Pools\$3,213	02 Dredging Pond # 1: By Community Pool \$16,113 1.07 03 Stabilize dredging spoils Pond # 1: By Community Pool \$3,550 1.06 04 Haul off dredging spoils Pond # 1: By Community Pool \$4,028 1.09 04 Haul off dredging spoils Pond # 2: Allegheny Rd. \$14,099 2.03 03 Stabilize dredging spoils Pond # 2: Allegheny Rd. \$1,921 2.04 04 Haul off dredging spoils Pond # 2: Allegheny Rd. \$2,014 3.07 02 Resurface pool Wading Pool \$36,255 6.00 02 Replace pool patios Swimming Pools \$3,213 6.05 27 Umbrellas Swimming Pools \$93,716 7.06 7.00 7.01 7.02 7.02 7.02 7.02 7 7.02 7.02 7.02 7.02 7.02 7 7.02 7.02 7.02 7.02 7.02 7 7.04 7.04 7.04 7.04 7.04	COMPONENT NAME LOCA # 1: By Community Pool \$\$16,113 LINE NUMBER COMPONENT NAME 02 Dredging Pond # 1: By Community Pool \$\$16,113 1.07 Concrete sidewalk 04 Haul off dredging spoils Pond # 1: By Community Pool \$\$4,028 1.08 Concrete sidewalk 02 Dredging Pond # 1: By Community Pool \$\$4,028 1.09 Stom pipe & inlet repair allowance 02 Dredging spoils Pond # 2: Allegheny Rd. \$\$1,921 2.04 Exterior recessed light 04 Haul off dredging spoils Pond # 2: Allegheny Rd. \$\$1,921 2.04 Exterior recessed light 04 Haul off dredging spoils Pond # 2: Allegheny Rd. \$\$1,608 3.1 Replace Granite carvings 12 Resurface pool Main Pool \$\$32,213 6.09 Outfall piping 22 Morberlas Swimming Pools \$\$93,716 7.06 Outfall riser 27 Umbrellas Swimming Pools \$\$93,716 7.06 Outfall piping 21 Underelas Swimming Pools \$\$93,716 7.06 Outfall riser 20 Underelas Swimming Pool \$\$00 <td>COMPONENT NAME LOCATION Total LINE NUMBER COMPONENT NAME LOCATION 02 Dredging Pond # 1: By Community Pool \$16,113 1.07 Concrete sidewalk Parking Lot 03 Stabilize dredging spoils Pond # 1: By Community Pool \$4,028 1.08 Storm pipe & Iniet repair allowance Drainage Easements 04 Haul off dredging spoils Pond # 2: Allegheny Rd. \$14,029 2.08 Floodight, wall mount Pool House 03 Stabilize dredging spoils Pond # 2: Allegheny Rd. \$2,014 3.07 Brick tuck-pointing Entrance Feature 04 Haul off dredging spoils Pond # 2: Allegheny Rd. \$2,014 3.07 Brick tuck-pointing Entrance Feature 02 Resurace pool Main Pool \$36,255 6.08 Outfall piping Pond # 1: By Community Pool 27 Umbrellas Swimning Pools \$39,716 7.06 Rolace piping Pond # 2: Allegheny Rd. 28 Fload Subilize dredging spoils Swimning Pools \$39,716 7.09 Outfall riser Pond # 2: Allegheny Rd</td>	COMPONENT NAME LOCATION Total LINE NUMBER COMPONENT NAME LOCATION 02 Dredging Pond # 1: By Community Pool \$16,113 1.07 Concrete sidewalk Parking Lot 03 Stabilize dredging spoils Pond # 1: By Community Pool \$4,028 1.08 Storm pipe & Iniet repair allowance Drainage Easements 04 Haul off dredging spoils Pond # 2: Allegheny Rd. \$14,029 2.08 Floodight, wall mount Pool House 03 Stabilize dredging spoils Pond # 2: Allegheny Rd. \$2,014 3.07 Brick tuck-pointing Entrance Feature 04 Haul off dredging spoils Pond # 2: Allegheny Rd. \$2,014 3.07 Brick tuck-pointing Entrance Feature 02 Resurace pool Main Pool \$36,255 6.08 Outfall piping Pond # 1: By Community Pool 27 Umbrellas Swimning Pools \$39,716 7.06 Rolace piping Pond # 2: Allegheny Rd. 28 Fload Subilize dredging spoils Swimning Pools \$39,716 7.09 Outfall riser Pond # 2: Allegheny Rd

RESERVE FUNDING NAVIGATOR CASH FLOW METHODOLOGY

LONGHILL STATION





The graph above is a pictorial representation of the cash flow funding model used for this analysis. It illustrates the projected reserve account balance in each of the next 30 years (green bars) as it is impacted by the projected reserve expenditures over the same period (red bars). The yellow line is a designated threshold or "floor" of the reserve account - a line that allows the plan to keep the account balance equal to or greater than in the lowest balance year(s). It essentially represents a contingency balance that the account will always be available over and above the amounts required to fund all of the components when the funding model projects them to be replaced. This threshold value is not prescribed by law or standards, and can be adjusted to a level desired by the community.

The graph is called a "navigator" because the funding model can be adjusted from this sheet to react to varying inflation rates, interest rates, actual adjusted account balances, and variations in reserve expenditures and project schedules based on your community's actual experience, and in response to changes in priorities. These adjustments are typically performed in real time during a live working session, where the participants can see the impact of any and all changes on the account, and determine how to respond to them.

If this navigator shows an inflation rate of 0.0% and an annual escalation to the contribution of 0.0% then all numbers in the analysis shown are in current dollars only. These rates will be adjusted in the live working session.

DMA
Interactive Reserve Analysis
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CASH FLOW SPREADSHEET LONGHILL STATION

YEAR	1	2	3	4	5
CALENDAR YEAR	2018	2019	2020	2021	2022
BEGINNING YEAR BALANCE	\$64,216	\$67,266	\$86,200	\$124,660	\$158,127
FINANCIAL ANALYSIS SUMMARY					
INCOME					
CONTRIBUTION TO RESERVES	\$39,345	\$39,800	\$39,800	\$39,800	\$39,800
LOAN DEPOSITS	\$0	\$0	\$0	\$0	\$0
PLUS SPECIAL ASSESSMENTS	\$0	\$0	\$0	\$0	\$0
PLUS OTHER FUNDS COMING DUE	\$0	\$0	\$0	\$0	\$0
PLUS INVESTMENT INCOME ON PRIOR YEAR'S ENDING BALANCE	\$0	\$67	\$86	\$125	\$158
INVESTMENT 1	\$0	\$0	\$0	\$0	\$0
INVESTMENT 2	\$0	\$0	\$0	\$0	\$0
TOTAL INCOME	\$39,345	\$39,867	\$39,886	\$39,925	\$39,958
		-			
EXPENDITURES, FUTURE VALUES					
SCHEDULE OF REPAIRS AND REPLACEMENTS	\$36,295	\$20,933	\$1,426	\$6,458	\$29,214
CAPITAL IMPROVEMENT PROJECTS	\$0	\$0	\$0	\$0	\$0
FINANCIAL LOAN PAYMENT	\$0	\$0	\$0	\$0	\$0
OTHER DISBURSEMENTS	\$0	\$0	\$0	\$0	\$0
TOTAL EXPENDITURES	\$36,295	\$20,933	\$1,426	\$6,458	\$29,214
END OF YEAR BALANCE	\$67,266	\$86,200	\$124,660	\$158,127	\$168,871
MINIMUM ACCOUNT THRESHOLD					
	© 01 700	\$00,000	#00.007	00 457	#04.041
CALCULATED THRESHOLD AS A % OF COST PER OCCURRENCE	\$21,788	\$22,330 VEC	\$22,887	\$23,457	\$24,041
FUNDING OBJECTIVE MET?	YES	YES	YES	YES	YES
MINIMUM REQUIRED CASH TRANSFER	\$0	\$0	\$0	\$0	\$0
ESCALATION, INFLATION, EARNINGS RATES					
ANNUAL CONTRIBUTION ESCALATION:	N/A	0.00%	0.00%	0.00%	0.00%
ANNUAL CONSTRUCTION COST ESCALATION:	N/A	2.49%	2.49%	2.49%	2.49%
ANNUAL RESERVE ACCOUNT INCOME RATE	0.10%	0.10%	0.10%	0.10%	0.10%

MINIMUM REQUIRED CASH TRANSFER

YEAR	6	7	8	9	10
CALENDAR YEAR	2023	2024	2025	2026	2027
BEGINNING YEAR BALANCE	\$168,871	\$203,883	\$232,132	\$237,366	\$248,145
FINANCIAL ANALYSIS SUMMARY					
INCOME					
CONTRIBUTION TO RESERVES	\$39,800	\$39,800	\$39,800	\$39,800	\$39,800
LOAN DEPOSITS	\$0	\$0	\$0	\$0	\$0
PLUS SPECIAL ASSESSMENTS	\$0	\$0	\$0	\$0	\$0
PLUS OTHER FUNDS COMING DUE	\$0	\$0	\$0	\$0	\$0
PLUS INVESTMENT INCOME ON PRIOR YEAR'S ENDING BALANCE	\$169	\$204	\$232	\$237	\$248
INVESTMENT 1	\$0	\$0	\$0	\$0	\$0
INVESTMENT 2	\$0	\$0	\$0	\$0	\$0
TOTAL INCOME	\$39,969	\$40,004	\$40,032	\$40,037	\$40,048
EXPENDITURES, FUTURE VALUES					
SCHEDULE OF REPAIRS AND REPLACEMENTS	\$4,957	\$11,754	\$34,799	\$29,258	\$89,860
CAPITAL IMPROVEMENT PROJECTS	\$0	\$0	\$0	\$0	\$0
FINANCIAL LOAN PAYMENT	\$0	\$0	\$0	\$0	\$0
OTHER DISBURSEMENTS	\$0	\$0	\$0	\$0	\$0
TOTAL EXPENDITURES	\$4,957	\$11,754	\$34,799	\$29,258	\$89,860
END OF YEAR BALANCE	\$203,883	\$232,132	\$237,366	\$248,145	\$198,333
MINIMUM ACCOUNT THRESHOLD					
CALCULATED THRESHOLD AS A % OF COST PER OCCURRENCE	\$24,640	\$25,254	\$25,883	\$26,528	\$27,189
FUNDING OBJECTIVE MET?	YES	YES	YES	YES	YES

ESCALATION, INFLATION, EARNINGS RATES					
ANNUAL CONTRIBUTION ESCALATION:	0.00%	0.00%	0.00%	0.00%	0.00%
ANNUAL CONSTRUCTION COST ESCALATION:	2.49%	2.49%	2.49%	2.49%	2.49%
ANNUAL RESERVE ACCOUNT INCOME RATE	0.10%	0.10%	0.10%	0.10%	0.10%

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YEAR	11	12	13	14	15
CALENDAR YEAR	2028	2029	2030	2031	2032
BEGINNING YEAR BALANCE	\$198,333	\$231,749	\$235,681	\$255,412	\$295,468
FINANCIAL ANALYSIS SUMMARY					
INCOME					
CONTRIBUTION TO RESERVES	\$39,800	\$39,800	\$39,800	\$39,800	\$39,800
LOAN DEPOSITS	\$0	\$0	\$0	\$0	\$0
PLUS SPECIAL ASSESSMENTS	\$0	\$0	\$0	\$0	\$0
PLUS OTHER FUNDS COMING DUE	\$0	\$0	\$0	\$0	\$0
PLUS INVESTMENT INCOME ON PRIOR YEAR'S ENDING BALANCE	\$198	\$232	\$236	\$255	\$295
INVESTMENT 1	\$0	\$0	\$0	\$0	\$0
INVESTMENT 2	\$0	\$0	\$0	\$0	\$0
TOTAL INCOME	\$39,998	\$40,032	\$40,036	\$40,055	\$40,095
		-	-		-
EXPENDITURES, FUTURE VALUES					
SCHEDULE OF REPAIRS AND REPLACEMENTS	\$6,582	\$36,100	\$20,304	\$0	\$59,191
CAPITAL IMPROVEMENT PROJECTS	\$0	\$0	\$0	\$0	\$0
FINANCIAL LOAN PAYMENT	\$0	\$0	\$0	\$0	\$0
OTHER DISBURSEMENTS	\$0	\$0	\$0	\$0	\$0
TOTAL EXPENDITURES	\$6,582	\$36,100	\$20,304	\$0	\$59,191
END OF YEAR BALANCE	\$231,749	\$235,681	\$255,412	\$295,468	\$276,372
MINIMUM ACCOUNT THRESHOLD					
CALCULATED THRESHOLD AS A % OF COST PER OCCURRENCE	\$27.867	\$28,561	\$29,272	\$30.002	\$30,749
FUNDING OBJECTIVE MET?	YES	YES	YES	YES	YES
	\$0	\$0	\$0	\$0	\$0
MINIMUM REQUIRED CASH TRANSFER	ΨΟ				
MINIMUM REQUIRED CASH TRANSFER	~ ~	T -		•	
MINIMUM REQUIRED CASH TRANSFER ESCALATION, INFLATION, EARNINGS RATES	ΨŬ				
ESCALATION, INFLATION, EARNINGS RATES	0.00%	0.00%	0.00%	0.00%	0.00%
			0.00%	0.00%	0.00%

YEAR	16	17	18	19	20
CALENDAR YEAR	2033	2034	2035	2036	2037
BEGINNING YEAR BALANCE	\$276,372	\$299,621	\$315,733	\$336,864	\$321,600
FINANCIAL ANALYSIS SUMMARY					
INCOME					
CONTRIBUTION TO RESERVES	\$39,800	\$39,800	\$39,800	\$39,800	\$39,800
LOAN DEPOSITS	\$0	\$0	\$0	\$0	\$0
PLUS SPECIAL ASSESSMENTS	\$0	\$0	\$0	\$0	\$0
PLUS OTHER FUNDS COMING DUE	\$0	\$0	\$0	\$0	\$0
PLUS INVESTMENT INCOME ON PRIOR YEAR'S ENDING BALANCE	\$276	\$300	\$316	\$337	\$322
INVESTMENT 1	\$0	\$0	\$0	\$0	\$0
INVESTMENT 2	\$0	\$0	\$0	\$0	\$0
TOTAL INCOME	\$40,076	\$40,100	\$40,116	\$40,137	\$40,122
					-
EXPENDITURES, FUTURE VALUES					
SCHEDULE OF REPAIRS AND REPLACEMENTS	\$16,828	\$23,987	\$18,985	\$55,401	\$75,682
CAPITAL IMPROVEMENT PROJECTS	\$0	\$0	\$0	\$0	\$0
FINANCIAL LOAN PAYMENT	\$0	\$0	\$0	\$0	\$0
OTHER DISBURSEMENTS	\$0	\$0	\$0	\$0	\$0
TOTAL EXPENDITURES	\$16,828	\$23,987	\$18,985	\$55,401	\$75,682
END OF YEAR BALANCE	\$299,621	\$315,733	\$336,864	\$321,600	\$286,040

MINIMUM ACCOUNT THRESHOLD					
CALCULATED THRESHOLD AS A % OF COST PER OCCURRENCE	\$31,515	\$32,300	\$33,105	\$33,930	\$34,775
FUNDING OBJECTIVE MET?	YES	YES	YES	YES	YES
MINIMUM REQUIRED CASH TRANSFER	\$0	\$0	\$0	\$0	\$0

ESCALATION, INFLATION, EARNINGS RATES					
ANNUAL CONTRIBUTION ESCALATION:	0.00%	0.00%	0.00%	0.00%	0.00%
ANNUAL CONSTRUCTION COST ESCALATION:	2.49%	2.49%	2.49%	2.49%	2.49%
ANNUAL RESERVE ACCOUNT INCOME RATE	0.10%	0.10%	0.10%	0.10%	0.10%

MINIMUM REQUIRED CASH TRANSFER

YEAR	21	22	23	24	25
CALENDAR YEAR	2038	2039	2040	2041	2042
BEGINNING YEAR BALANCE	\$286,040	\$303,015	\$165,676	\$193,474	\$227,766
FINANCIAL ANALYSIS SUMMARY					
INCOME					
CONTRIBUTION TO RESERVES	\$39,800	\$39,800	\$39,800	\$39,800	\$39,800
LOAN DEPOSITS	\$0	\$0	\$0	\$0	\$0
PLUS SPECIAL ASSESSMENTS	\$0	\$0	\$0	\$0	\$0
PLUS OTHER FUNDS COMING DUE	\$0	\$0	\$0	\$0	\$0
PLUS INVESTMENT INCOME ON PRIOR YEAR'S ENDING BALANCE	\$286	\$303	\$166	\$193	\$228
INVESTMENT 1	\$0	\$0	\$0	\$0	\$0
INVESTMENT 2	\$0	\$0	\$0	\$0	\$0
TOTAL INCOME	\$40,086	\$40,103	\$39,966	\$39,993	\$40,028
EXPENDITURES, FUTURE VALUES					
SCHEDULE OF REPAIRS AND REPLACEMENTS	\$23,111	\$177,442	\$12,168	\$5,701	\$71,168
CAPITAL IMPROVEMENT PROJECTS	\$0	\$0	\$0	\$0	\$0
FINANCIAL LOAN PAYMENT	\$0	\$0	\$0	\$0	\$0
OTHER DISBURSEMENTS	\$0	\$0	\$0	\$0	\$0
TOTAL EXPENDITURES	\$23,111	\$177,442	\$12,168	\$5,701	\$71,168
END OF YEAR BALANCE	\$303,015	\$165,676	\$193,474	\$227,766	\$196,626
MINIMUM ACCOUNT THRESHOLD					
CALCULATED THRESHOLD AS A % OF COST PER OCCURRENCE	\$35,642	\$36,530	\$37,440	\$38,373	\$39,329
FUNDING OBJECTIVE MET?	YES	YES	YES	YES	YES

ESCALATION, INFLATION, EARNINGS RATES					
ANNUAL CONTRIBUTION ESCALATION:	0.00%	0.00%	0.00%	0.00%	0.00%
ANNUAL CONSTRUCTION COST ESCALATION:	2.49%	2.49%	2.49%	2.49%	2.49%
ANNUAL RESERVE ACCOUNT INCOME RATE	0.10%	0.10%	0.10%	0.10%	0.10%

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YEAR	26	27	28	29	30
CALENDAR YEAR	2043	2044	2045	2046	2047
BEGINNING YEAR BALANCE	\$196,626	\$232,741	\$231,841	\$223,909	\$170,217
FINANCIAL ANALYSIS SUMMARY					
INCOME					
CONTRIBUTION TO RESERVES	\$39,800	\$39,800	\$39,800	\$39,800	\$39,800
LOAN DEPOSITS	\$0	\$0	\$0	\$0	\$0
PLUS SPECIAL ASSESSMENTS	\$0	\$0	\$0	\$0	\$0
PLUS OTHER FUNDS COMING DUE	\$0	\$0	\$0	\$0	\$0
PLUS INVESTMENT INCOME ON PRIOR YEAR'S ENDING BALANCE	\$197	\$233	\$232	\$224	\$170
INVESTMENT 1	\$0	\$0	\$0	\$0	\$0
INVESTMENT 2	\$0	\$0	\$0	\$0	\$0
TOTAL INCOME	\$39,997	\$40,033	\$40,032	\$40,024	\$39,970
		1			1
EXPENDITURES, FUTURE VALUES					
SCHEDULE OF REPAIRS AND REPLACEMENTS	\$3,882	\$40,933	\$47,963	\$93,716	\$156,949
CAPITAL IMPROVEMENT PROJECTS	\$0	\$0	\$0	\$0	\$0
FINANCIAL LOAN PAYMENT	\$0	\$0	\$0	\$0	\$0
OTHER DISBURSEMENTS	\$0	\$0	\$0	\$0	\$0
TOTAL EXPENDITURES	\$3,882	\$40,933	\$47,963	\$93,716	\$156,949
END OF YEAR BALANCE	\$232,741	\$231,841	\$223,909	\$170,217	\$53,238
MINIMUM ACCOUNT THRESHOLD					
CALCULATED THRESHOLD AS A % OF COST PER OCCURRENCE	\$40,308	\$41,313	\$42,342	\$43,397	\$44,478
FUNDING OBJECTIVE MET?	YES	YES	YES	YES	YES
MINIMUM REQUIRED CASH TRANSFER	\$0	\$0	\$0	\$0	\$0
ESCALATION, INFLATION, EARNINGS RATES					
ANNUAL CONTRIBUTION ESCALATION:	0.00%	0.00%	0.00%	0.00%	0.00%
ANNUAL CONSTRUCTION COST ESCALATION:	2.49%	2.49%	2.49%	2.49%	2.49%
ANNUAL RESERVE ACCOUNT INCOME RATE	0.10%	0.10%	0.10%	0.10%	0.10%



TOTAL BUDGET

ASSESSMENT ALLOCATION LONGHILL STATION

Year	Reserve Assessment	Operating Budget Assessment*	Total Assessment	Reserves as a Percentage of Total Assessment	Annual Increase In Total Assessment	Special Assessments
2018	\$39,344.54		\$39,344.54	100.00%		\$0.00
2019	\$39,800.00	\$0.00	\$39,800.00	100.00%	1.16%	\$0.00
2020	\$39,800.00	\$0.00	\$39,800.00	100.00%	0.00%	\$0.00
2021	\$39,800.00	\$0.00	\$39,800.00	100.00%	0.00%	\$0.00
2022	\$39,800.00	\$0.00	\$39,800.00	100.00%	0.00%	\$0.00

* Operating budget is increased annually at the projected inflation rate.

ALLOCATION CALCULATIONS

Total Number of Units	<u>181</u>
Unit Type	Homes
Percentage Allocation To Unit Type	100.00%
Number of Units of This Type	181

Annual Contribution Per Unit Type

Year	Reserve Assessment	Operating Budget Assessment	Total Assessment	Special Assessments
2018	\$217.37	\$0.00	\$217.37	\$0.00
2019	\$219.89	\$0.00	\$219.89	\$0.00
2020	\$219.89	\$0.00	\$219.89	\$0.00
2021	\$219.89	\$0.00	\$219.89	\$0.00
2022	\$219.89	\$0.00	\$219.89	\$0.00

Monthly Contribution Per Unit Type

Year	Reserve Assessment	Operating Budget Assessment	Total Assessment	Special Assessments
2018	\$18.11	\$0.00	\$18.11	\$0.00
2019	\$18.32	\$0.00	\$18.32	\$0.00
2020	\$18.32	\$0.00	\$18.32	\$0.00
2021	\$18.32	\$0.00	\$18.32	\$0.00
2022	\$18.32	\$0.00	\$18.32	\$0.00





HOW OUR INTERACTIVE RESERVE ANALYSIS WORKS

AN EXPLANATION OF THE PHYSICAL PROPERTY ANALYSIS

COMPONENT COST AND USEFUL LIFE ESTIMATING

HISTORIC COST INDEX AND EXPLANATION

DMA ON-GOING RESERVE STUDY MANAGEMENT SERVICES

NATIONAL RESERVE STUDY STANDARDS – COMMUNITY ASSOCIATIONS INSTITUTE

DMA *Reserves*, Inc. 2302 East Cary Street Richmond, VA 23223 804.644.6404 www.DMAreserves.com



HOW OUR INTERACTIVE RESERVE ANALYSIS WORKS

PURPOSE

Your community contains infrastructure and amenities (capital assets) that are owned in common by all property or unit owners. Your owners association is responsible for replacing these assets when they wear out or become unusable. A capital reserve account is a savings account designed specifically to accumulate funds for eventual replacement of your commonly owned assets when they reach the end of their useful lives. Funds in this dedicated account can be accumulated over a period of many years without being taxed, however they can only be used for the repair or replacement of capital assets. They cannot, for example, be returned to the operating account without the Association paying a penalty. Each capital asset is referred to in this study as a *component* of your Capital Reserves. All components eventually need to be replaced in full or in part, although they may normally function for 10, 20, 30 years, or longer. Regular operating and maintenance budgets do not cover the funding required for these needs. This Capital Reserve Analysis looks at various ways to adequately fund your reserves.

A FUNDING PLAN - NOT A MAINTENANCE SCHEDULE

This plan is a general predictor for replacement of components, however it is not a *required* maintenance or replacement schedule. Specific decisions about replacement of each component should be made by the Board of Directors based on this information *and* on a periodic assessment of the actual condition of each component.

...AND NOT AN ENGINEERING STUDY

A capital reserve analysis is geared toward evaluating when a component needs to be replaced and how much it will cost to replace. It is not an in-depth engineering assessment of the component's functional operation, defects or design. Our company is staffed with engineers and architects, and works with specialized consultants who can provide such assessments; however that work is outside the scope of the reserve analysis itself.

HOW MANY RESERVE ACCOUNTS?

It is possible to maintain separate accounts for individual components or groups of components, and some communities have requirements in their Declarations for dedicated reserve accounts, such as for private roads. Many Certified Public Accountants recommend that the number of reserve accounts be kept to a minimum. We normally recommend that you keep just one combined (pooled) account. Having one account gives you the spending flexibility to respond to an unexpected expense for one component without having to transfer funds from other dedicated accounts. Unless otherwise noted in our funding recommendation, our study will develop one account with one annual deposit amount that will meet the replacement needs of all components.

COMPONENT INVENTORY

The Component Inventory is divided into two sections. The first section identifies each component to be included in the capital reserve account(s) and provides quantity information, component age, and expected useful life of each. We also observe the condition of each component and recommended any maintenance or other corrective action that should be taken at this time.

The second part of the Component Inventory shows the projected replacement cycle, percentage of expected replacement at each cycle, and the current replacement cost of each component.

FINANCIAL ANALYSIS

We perform two analyses in this study. The first is the Current Funding Summary. This assesses the relative adequacy of your reserve account to fund your reserves at this point in time. The second is called the Interactive Cash Flow Analysis, where we look together with you at alternative methods of adequately funding your reserves from this point forward.

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Current Funding Summary (Component Method)

In the report we perform a historic funding analysis that looks at both the current funding level and the current fund balance or your reserve account compared to the amount of annual funding that would have to have been set aside each year for each component to fund it at 100 percent of its replacement value. This is calculated by dividing the original cost of the component by the number of years in its estimated useful life. This is also commonly referred to as "component method funding" and represents the annual straight line depreciation value of each component.

By multiplying the annual depreciation value of each component by its present age, we arrive at the amount of money for each that should be in the capital reserve account as of the study date. The total amount for all components added together is the target "fully funded" level of the reserve account. We divide the actual reserve account balance by this amount, yielding the percentage that the account is fully funded. A 100 percent funding level means that the account is fully funded. A value less than 100 percent means that there may be a deficiency in the capital reserve account.

In our experience, many communities are not fully funded from their beginning date, and simple conversion to full funding using this method of analysis will often place the entire cost burden of a "correction" on the present owners. The full funding - component method must be recomputed every year. Gradually, the annual funding amount will be reduced over time as the Association "catches up". It must be noted that this does not necessarily mean that the current annual contribution amount is insufficient to fund the reserve account from this point forward. The Association over the course of the years may have adjusted the annual contribution amount to where it is now adequate to fund the reserve account going forward if all funds are "pooled" into a single account.

Interactive Cash Flow Model

This report page shows the results of our Cash Flow analysis. In this analysis, each anticipated component replacement is plotted on a schedule over time. This schedule then calculates the annual total reserve account deposits required to fund all projected component expenses and maintain a minimum account balance over the entire period. Using this method of analysis requires that we set several parameters first. These include:

Actual Reserve Balance at the End of the Prior Fiscal Year

This is the dollar amount provided on your association's year-end financial statement. The number that we enter becomes the beginning balance of the reserve account in year one (1) of our study. If you do not have a reserve account, we will enter \$0.00 for this balance.

Anticipated Annual Inflation Rate

This is based on historical inflation data provided by R.S. Means Company based on their recorded historical cost indices. From these, we will recommend an inflation rate, expressed as a percentage (%), to use in the study.

Annual Income Rate on Reserve Account

We base this on your community's current and/or anticipated returns on investments from savings accounts, Certificates of Deposit, Money Market accounts or other fund investments. If funds are deposited in several different accounts, we will take an average of the earnings rate on all of the accounts. This number, expressed as a percentage (%) is input into the study.

Account Threshold

The goal of the Cash Flow funding plan is to keep your account above a minimum balance over the life of the study while insuring that all components are fully funded when they are scheduled to be replaced. We can set that minimum balance at zero (\$0.00), which is called "baseline" funding. We can also set a minimum account balance, or "threshold", at some amount above zero, in order to provide a buffer for the variations in actual expenditures that will inevitably occur over the life of the study. We typically use a percentage of your total expected reserve expenditures over a 20-year period to establish this amount. The amount is input into the study as a bottom limit for the cash flow in the account. This amount will increase every year at the rate of inflation.

Annual Contribution Escalation

As inflation decreases the value of the dollar over time, it is necessary to introduce an escalation factor so that the contribution grows in relation to the growth in actual costs over time. If we did not do this - if we kept the contribution constant - owners today would have to contribute a much larger amount in order to offset the declining value of the same contributions made in the future. The escalation rate provides parity for present and future owners.

In communities that are significantly underfunded, it may be necessary to use an escalation factor that is greater than the inflation rate to gradually increase your contributions to an acceptable level. The annual contribution escalation is expressed as a percentage (%) and is initially input into the study to match the rate of inflation. We can adjust this rate as a constant over the entire study period, or manually adjust it from year to year, to help us design the appropriate funding plan.

The 30 Year Cash Flow Study

Having identified the above parameters, we conduct our cash flow study. This study can balance out contributions over the next 30 years, to distribute the responsibilities for reserve funding between present and future owners in various ways. It can also incorporate funding tools such as special assessments and bank loans into the overall calculations. Our spreadsheets are designed to allow us to conduct this analysis dynamically in a physical or online meeting format so that community leaders and management can have test alternate funding plans and decide on the plan best suited to the needs and priorities of the community.

The spreadsheets that show the mechanics of the plan are provided in the report.

In the report we provide a list of the expected reserve expenditures by component for each year of the study. Note: all costs shown in these schedules are presented in current dollars as of the report date. The total values of these annual expenditures are revised to reflect the input inflation rate, in the cash flow spreadsheets.

The results of this study are summarized in a five year funding schedule and a 30 year funding plan graph on the page titled "Interactive Cash Flow Model". These results comprise our recommended funding plan for your community as of the date of the study. The financial aspects of this plan can be updated annually (or

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any time) upon request, and we recommend an update of the full study, including the physical analysis, every 3 to 5 years.



AN EXPLANATION OF THE PHYSICAL PROPERTY ANALYSIS

THE COMPONENT INVENTORY

The physical analysis of the community's capital assets includes the definition of reserve components, observation of the condition of each component or component group, establishment life expectancy and replacement frequency for each component or group, projected level of replacement (expressed as a percent of the component), and projected replacement cost per replacement occurrence. All of this information is contained in the Component Inventory. In addition to a standard component inventory, DMA expands this spreadsheet in three ways:

- 1. We add in-service dates for each component identifying the date it was originally constructed or acquired, or the most recent date that it was replaced.
- 2. We break large components into smaller sub-components allowing for individual replacement of these smaller components to be tracked.
- 3. We group together smaller components that may be replaced at the same time such that they may be tracked as one larger replacement project.

This inventory can be updated by the client when major repair or replacement projects occur, providing the new in-service date and the actual project cost.

RESERVE COMPONENTS DEFINED

Components may include all types of property improvements which are owned by the owners Association, or for which the Association is required by the Declaration to provide maintenance. Examples would include any private roads, parking lots, sidewalks, paved trails, lakes, dams, swimming pools, tennis courts, playgrounds, clubhouses, etc. that make up the common area or shared amenities of the community. Other shared assets may include clubhouse or pool furniture, maintenance equipment and vehicles, or other miscellaneous assets like pumps, motors, generators, etc. Components may also include limited common elements of individual homes or lots, such as driveways, patios, decks, siding and roofing. In large condominium buildings components will include interior common areas – lobbies, halls, elevators, party rooms, etc., and common building equipment such as boilers, chillers, water pumps, generators, trash compactor and the like. OBSERVATIONS AND ASSESSMENT OF COMPONENT CONDITION We include a column in our Component Inventory and Project Log that

allows comments to be added about components. These may be condition comments, special concerns, comments about how they were measured or comments about alternate replacement options. Over time, this area can be used by the client to add information about components that are replaced, deferred, accelerated or have some condition that needs to be noted.

A visual record of components is provided in a companion folder to this report. It contains photos and/or video documentation of our field observations.

The observations and opinions expressed in this report are based on our general professional knowledge of construction and our knowledge of the typical replacement experience of many communities and other entities with the same component types. Our projections are not architectural or engineering recommendations for specific projects. The Board of Directors should seek professional or industry assistance for each specific replacement project, based on the conditions in existence at the time of replacement and as the need for replacement or repair becomes imminent.

COMPONENT USEFUL LIFE

Several columns in the Schedule of Components provide a picture of the component useful life, including:

<u>COMPONENT PLACED IN SERVICE</u>: This column identifies either the factual year or our estimate of the year that each component was placed in service (built, installed, replaced, etc.).

ESTIMATED USEFUL LIFE (EUL) BEFORE FIRST REPLACEMENT: This

is the <u>expected minimum</u> working life of the component in years, based on the actuarial or industry standard life, combined with our observation of the condition and use of the component in this setting. Our EUL for a component in one setting may be different for the same or similar component in another setting. The terminology "expected minimum" is important in that some components are subject to partial failures and replacements even though a portion or majority of the component may have a much longer service life. An example is concrete sidewalks. Concrete may last in good condition for 100 years, but outside conditions can affect sidewalks that will require replacement of parts of them in a shorter time frame. In some cases the same portion may be replaced multiple times within the total life span. Some components may be a group of like entities such as doors. In this case some doors may be more susceptible to replacement than others based on use and exposure. The EUL sets a minimum estimated life before we expect some replacement activity even though many of the doors in the group may last much longer.

<u>REPLACEMENT INTERVAL</u> (YEARS): This is the number of years after the first replacement event that we expect to have another. For a component with a predictable estimated life, such as shingle roofs, the replacement interval may be the same as the estimated useful life (EUL). If the EUL is 30 years the subsequent replacement interval will also be 30 years. For our concrete sidewalk example in the previous section, however, you may replace 5% of it after an EUL of 15 years, and then another 5% every 5 years thereafter, as the entire walkway component gradually ages. These numbers are often affected by outside forces that impact the component, and can also be affected by the manner in which the association maintains the community. One association may elect to replace portions of a component every 5 years or more often, and another association may not elect to do any work for 15 years at a time. These are all decisions that can be made in DMA's working session with the Association.

<u>NEXT REPLACEMENT YEAR:</u> This number is computed by adding the ESTIMATED USEFUL LIFE (EUL) to the COMPONENT PLACED IN SERVICE YEAR.

<u>REMAINING USEFUL LIFE:</u> This number is computed by subtracting the STUDY YEAR (the year the analysis is being conducted) from the the NEXT REPLACEMENT YEAR.

In some cases where a community is still under development many components have been little used at the time of this study and thus could be in nearly new condition in spite of the age of the component. This might include interior finishes, fixtures, furniture and some appliances. Refrigerators, ice makers, water heaters and HVAC equipment that must run continuously would not necessarily be included in this group. The useful life of most of the exterior components is affected by weather and forces of nature rather than actual use. Examples of this would be roofing, siding, etc. However, the useful life of such items as asphalt pavement is affected by weather, forces of nature and usage. These conditions can be dealt with by assigning later in-service dates for those components that have been little used, have not been in operation and have not been subjected to weather and forces of nature.

Another significant factor in the useful life of a component is the routine maintenance and care for that component. An Association's willingness to

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care for and maintain the components that can be cared for and maintained will contribute to a significant increase in the useful life of a component. Of course some components simply offer little opportunity for any special care or maintenance.

Finally, the useful life of a component is often dependent upon the aesthetic value that an Association places on a component. An Association might feel that worn or damaged components that are still functional should not be replaced. In some cases, Associations well simply decide to abandon, demolish or remove a component from use.

PERCENT OF COMPONENT TO BE REPLACED AT EACH INTERVAL: In

its simplest form, this number tells the analysis to either fund for the full replacement amount or to fund for a partial replacement amount at each occasion. Again, with the sidewalk example, the analysis may be told to fund for 5% of the total component quantity replacement at each interval. For a shingle roof, it would likely be for 100% of the component at each replacement interval.

This number can also be used to assist in "what if" scenarios. If an association is trying to decide if they want to replace a component, remove it, or do something else; the percent of replacement could be set at zero (0%) in order to remove the component from the funding plan, while still recognizing its existence in the community.

COMPONENT QUANTITIES AND MEASUREMENT

Two columns in the Schedule of Components provide information on the quantity or measurement of each component. These are:

TOTAL QUANTITY: This is the amount, size, number or extent of each component based on a unit of measure.

<u>UNIT</u>: The units of measure used in this report are typically as follows:

cy = cubic yard	sy = square yard
ea = each	pr = pair
lf = linear foot	In-ft = length in feet, per inch in diameter of pipe
sf = square foot ls = lump sum	sq = square (100 square feet)

All components are viewed on site, unless otherwise specified herein. The components are documented with a photo of the component or of a typical component or group of components where there are a large number of repetitive component elements. Quantities for each component are developed either by on-site measurement, measurement from scale engineering and architectural drawings when available, measurement on scaled photos or measurement by satellite mapping. In the case of on-site

measurements of building envelope components (i.e. roofs, siding, trim, doors, windows, gutters, etc.) it would take an extraordinary amount of time and money to identify and measure each and every component on each and every unit. In that case quantities were arrived at by measuring a single model or a single unit of similar character and multiplying those quantities by the number of similar units. This methodology has resulted in very accurate results as far as quantities are concerned for the reserve study budgeting analysis.

If this study is an update of a previous study performed by DMA or another consultant, the quantities used are as determined in that study, unless otherwise noted. In many cases where a recent historic estimate or bid exists the bid amount is used as a "lump sum" in lieu of a unit quantity estimate.

REPLACEMENT COST

Two columns in the Component Inventory and Project Log define the expected replacement cost of each component:

<u>UNIT COST:</u> This is our estimate of the replacement cost per unit of each component.

<u>REPLACEMENT COST AT EACH INTERVAL:</u> This number is derived from multiplying the estimated quantity x the unit cost x the percent replaced.

DMA uses three sources of costing for components in this study. Our standard source for computing component replacement costs is from cost data published by R. S. Means Company, a division of Reed Construction Data, including *Facility Construction, Facility Maintenance and Repair, Commercial Construction, and Residential Construction.* These are updated quarterly and indexed (cost weighted) by geographic area.

Our second source is actual recent replacement costs for specific components provided by the association from your General Ledger or from actual contracts or invoices.

Our third source is from local contractors and suppliers, and from manufacturers of specific products.

EXCLUDED COMPONENTS

Some improvements and assets related to the common areas are not included as capital replacement components. Components that you do not see in this report are generally related to one of the categories below or are not owned by the association:

Permanent Improvements

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This group includes components that if properly maintained will have a useful life equal to the property as a whole. The end of the useful life of the property would occur when it would be necessary that all of the infrastructure would need to be demolished and cleared or the area and infrastructure completely evacuated and reconditioned to return the property to a safe and useful state.

Masonry, Stone, Concrete

Generally, masonry, stone and concrete building cladding and flatwork would be considered to have an unlimited useful life. However, repairs such as mortar tuck pointing, patching and replacing sections of broken or damaged masonry, stone and concrete is a reality and a component line item for this is often included in the reserve funding study.

Unit or Home Owner Modifications

On occasion unit or home owners will modify components that are considered common elements and the responsibility of the Association. These cost of these modifications should not be included as part of the capital reserves.

Incidental or Maintenance Items

Some components are small enough, or may require repair or replacement on a recurring short-term basis, that the association may elect to fund these entirely from the operating account as annual maintenance items.

Tax Exclusions, Minor Items and Capital Improvements

The interest earned on the account balance containing savings for certain components may not qualify for tax exemption under IRS rulings for Associations filing Form 1120 or 1120H. It is incumbent upon the Association to determine the tax implications of comingling exempt capital expenditure funds from excluded or nonexempt designated funds in their bank and investment accounts.

State statutory requirements may prohibit comingling of funds set aside for some items. The Association should consult their attorney or accountant on this matter.

Some of these items include:

- Painting, wall coverings and other cosmetic work.
- Landscape Improvements and replacement of any landscaping (trees, shrubbery, etc.).
- Irrigation systems generally need continual maintenance. Broken heads and pipes, and damaged controller systems need to be replaced immediately upon failure. Replacement costs are generally below the threshold for reserve funding, and longevity of system components varies widely. We generally recommend that this system be handled within your annual operating and

maintenance budget. However, we believe that the irrigation well pump systems and irrigation controllers should be included as capital reserve components.

- Asphalt pavement seal coating, painting, wall coverings and other activities that might be considered cosmetic work.
- Cleaning and power washing activities.
- Minor or low value exclusions. The Association may wish to set a lower limit on the replacement cost of components included in the reserve account. In that instance, items of lesser value would be replaced or repaired using funds from your operating account.
- Capital improvements would include development or purchase of a new component to be placed in service for the first time. After the component has been placed in service it the money set aside for repair and replacement can then be included in the capital reserve component funding program accounts.



COMPONENT COST AND USEFUL LIFE ESTIMATING

DMA COST ESTIMATING

DMA uses two types of costing in creating a replacement cost schedule for reserve components. If the component has been replaced in the past five (5) years or if the client has a current cost estimate or bid for a replacement, DMA will use that known cost. If the cost is 2 - 5 years old, DMA will adjust it for inflation to create a cost in "current dollars", and use that cost in our replacement schedule.

In most cases, however, replacement costs need to be estimated. To do this DMA uses three (3) levels of estimating:

- 1. A respected national construction cost data base,
- 2. An experienced construction cost estimator who knows how to use this data base in actual construction,
- 3. Cost assembly by the Reserve Specialist in charge of the project.

RESPECTED NATIONAL CONSTRUCTION COST DATA BASE

DMA uses RSMeans Cost Data, the most complete national construction cost data available today, from The Gordian Group – a company that specializes in facility construction management solutions. This data base is updated quarterly and costs are indexed to cities throughout the USA and Canada. RSMeans has been providing this service for over 70 years. In addition to tracking current costs, this data base allows RSMeans to also track construction related inflation. DMA uses this tool to help forecast projected inflation rates for our reserve analyses based on past trends.

EXPERIENCED CONSTRUCTION COST ESTIMATOR

RSMeans is a tool for estimators – not a cost estimating solution in itself. DMA's staff includes a knowledgeable cost estimator with over 40 years of design and construction estimating experience, to assemble and adjust costs from the RSMeans data base, as well as

other sources, to create and maintain DMA's own proprietary cost data base. Replacement costs include several elements - the product or material cost, the labor cost to install the product and material, and related costs to remove the old component and complete the installation of the new – which may involve other trades and other related replacement work. DMA's estimator has created a data base to address most typical reserve components, and he is continually adding to it as we come across new components. He also is able to develop custom replacement costs for unique or complex projects when they arise.

COST ASSEMBLY BY THE RESERVE SPECIALIST

The Reserve Specialist (RS) in charge of your project will select the most appropriate costs for the components that they see on your property or in your facility. In some cases, the RS will need to additionally assemble costs from our data base to fully address the needs of a replacement project – such as equipment replacement that requires architectural alterations, complex roof replacement projects, or underground utility replacement projects. The RS will also determine the percentage of replacement per occurrence for each component. Replacement occurrences for long-life components or component groups may be better projected as partial replacements on a recurring basis.

YOUR ACTUAL COSTS WILL VARY

DMA's cost estimating meets or exceeds industry standards for this work and we use the best information available to develop our cost data base. Many factors affect the actual cost of project at a point in time, however, and you should expect your cost experience to vary somewhat from the estimates. Factors to remember include:

• Actual cost growth for a particular product or labor market vs. projected inflation rates. Most costs grow in leaps and spurts, even though they average out over time to a

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measurable rate. Your experience at a point in time may be on one side or the other of a cost increase.

- Competition and local market factors at the time of your replacement may put temporary upward or downward pressures on the cost of a particular item or labor rate.
- Your replacement project may include other work within the scope that is not identified or anticipated in the component replacement cost.
- Component replacement estimates are made for the most similar product, material or labor cost to what we observe on your property. It may not be an exact match for your component and there may be unique aspects to your component that the analyst cannot determine in a visual inspection.
- The community may elect to upgrade or downgrade the material or product selected for replacement vs. the existing component on which the estimate was based.

Because DMA's analyses are interactive, you can track your actual costs on our Schedule of Components and report back changes at any time and request an updated analysis based on this information.

ESTIMATED USEFUL LIFE (EUL) FOR COMPONENTS

DMA's proprietary cost data base also includes estimated useful life projections for each component. Our sources for these EUL's include RSMeans cost data, Fannie Mae Property Condition Assessment tables, and American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Equipment Life These are industry averages based on Expectancy tables. nationwide experience in many different locations, conditions and building types. Since reserve studies are fund planning tools, these are reasonable approaches to guiding that planning, however, the RS performing your study may adjust some EUL's based on (a) what he/she observes about the component condition on site, (b) what your history has been with each component, if known, and (c) other potential impacts on the component due to location, exposure, usage, etc. Other factors will also affect the actual service life that you get from a component. Some components fail completely, i.e., they no longer work; others fail gradually through aging. For those components, the decision to replace may be guided by the amount of maintenance the component is requiring, obsolescence of the

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component, better technology and cost savings from new components, and relative appearance or operating condition that impacts the perception of your property or facility by owners / users. Remember that reserve studies are not prescriptive maintenance plans for your property. The final decision to replace a component rests with the Board of Directors based on its actual condition, relative priorities, and other maintenance options.

ENHANCED LIFE CYCLE INFORMATION

All reserve studies provide the estimated useful life of the components. Only DMA analyses include the component's last "inservice" date, the component age and a projection of recurring replacement intervals after the initial replacement. These tools allow us to customize replacement planning, accommodate recurring partial replacements and adapt our life cycle projections to your actual experience.

THE VALUE OF DMA'S INTERACTIVE ANALYSIS

DMA's reserve analyses are designed to be management tools – not simple reports. They are designed for ease of modifying, updating and re-analyzing the reserve funding model for your property or facility based on your ongoing actual experience. Good facility management is the ability to respond intelligently to change as it occurs. Traditional reserve studies cannot do this, but DMA's Interactive Reserve Studies can keep you on top of these issues through the use of our reserve analysis tools and our professional assistance – available to you at any time after your initial study has been completed.



HISTORIC COST INDICES

Source: R.S. MEANS

				Direct Cost		Average Annual	
Year	Index	Difference	% Increase	Multiplier	Period in Years	Escalation	Month
2016	207.2	0	0.00%	1.0000	0	n/a	Estimated as of January
2015	206.2	1	0.48%	1.0048	1	0.48%	As of January
2014	204.9	2.3	1.12%	1.0112	2	0.56%	As of January
2013	201.2	6	2.98%	1.0298	3	0.98%	As of January
2012	194.6	12.6	6.47%	1.0647	4	1.58%	As of January
2011	191.2	16	8.37%	1.0837	5	1.62%	As of January
2006	162.0	45.2	27.90%	1.2790	10	2.49%	As of January
2001	125.1	82.1	65.63%	1.6563	15	3.42%	As of January

R S Means Company maintains a construction cost database for North America that is updated quarterly (4 times per year). The current company was incorporated in 1984, but has existed in other forms previously. The company claims to have maintained cost data for over 70 years. In addition to current costs for both materials and labor, R S Means maintains a historical index of these costs, which they publish for a time period going back 20 years.

DMA uses these historical indexes as a logic base for projecting future construction cost escalation (inflation). In order to have a logical basis for the inflation rate used in this study, we offer this guide to selecting the rate that the association wants to use. Generally, the longer the look-back period (say 15 years vs. 5 years) the more conservative your future inflation projection will be.

In making a selection for future inflation, keep in mind that if your selected rate varies significantly from the current inflation rate, you should make a corresponding adjustment for the projected interest or earnings rate on your money kept in a savings or money market account, as those rates follow (but do not equal) inflation rates.



ON-GOING MANAGEMENT SERVICES FOR DMA CAPITAL RESERVE STUDIES

DMA offers an annual management service for your Capital Reserve Study.

LEVEL III RESERVE STUDY FINANCIAL UPDATE (without site visit)

In any year up to four (4) years after completion of a DMA prepared Level I or Level II capital reserve study, we offer a reserve study financial update which will include re-pricing all reserve components, revisions to inflation and interest rates, update beginning year to current year, and include any changes in your reserve account status and status of components, actual replacement dates and costs, as provided by you. This service includes one on-line work session and one follow-up session if necessary. An annual fee should have been quoted in our proposal. It not, please request a fee proposal from the office.

REVIEWS

DMA will update any of the issues below:

- Major projects, unexpected expenditures
- Actual bids or contracts that vary in price from the study estimate
- Deferral or advancement of replacement projects from estimated dates in the study
- Material changes in your community's financial position
- Changes or updates to the projected inflation rate or interest percentage earned on funds
- Adjustments to the funding contribution, if any.
- Adjustments to the study based on any actual capital component replacements that you may have made during the previous year.
- Adjustments to current inflation and/or interest rates.
- Significant changes to the condition of the community's assets due to unusual circumstance or conditions.

Addition of new components, revisions to the study methodology or significant changes in the report print-out may result in additional costs

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beyond the quoted fee. These will be discussed with you at the time of the request.

LEVEL II RESERVE STUDY UPDATE (with site visit)

At any time after completion of a DMA prepared Level I or Level II capital reserve study we can perform a complete Level II Update. This includes revisiting your property and re-evaluating all components. We then reprice all reserve components, revise inflation and interest rates, update beginning year to current year, and include any changes in your reserve account status and status of components, actual replacement dates and costs, as provided by you. This service includes one on-line work session and one follow-up session. This service is priced by proposal only. Please visit our website to make a request for a proposal. We recommend that a Level II study be performed at least every 3 to 5 years. Any DMA update after four years from the last study will be a Level II Update. You may request a fee proposal for this work at any time.

In addition to the Level III update tasks, this update will include:

- A site visit.
- Update of the Schedule of Components with addition of any new components and any significant changes to existing components.
- Inspection and evaluation of the condition of the components and their remaining useful life.



NATIONAL RESERVE STUDY STANDARDS

The following has been summarized from the National Reserve Study Standards as set forth by the Community Association Institute (CAI).

Reserve Study

A Reserve Study is made up of two parts, 1) the information about the physical status and repair/replacement cost of the major common area components the association is obligated to maintain (Physical Analysis), and 2) the evaluation and analysis of the association's Reserve balance, income, and expenses (Financial Analysis). The Physical Analysis is comprised of the Component Inventory, Condition Assessment, and Life and Valuation Estimates. The Component Inventory should be relatively "stable" from year to year, while the Condition Assessment and Life and Valuation Estimates will necessarily change from year to year. The Financial Analysis is made up of a finding of the client's current Reserve Fund Status (measured in cash or as Percent Funded) and a recommendation for an appropriate Reserve contribution rate (Funding Plan).

Physical Analysis

- Component Inventory
- Condition Assessment
- Life and Valuation Estimates

Financial Analysis

- Fund Status
- Funding Plan

Levels of Service

The following three categories describe the various types of Reserve Studies, from exhaustive to minimal.

I. Full: A Reserve Study in which the following five Reserve Study tasks are performed:

- Component Inventory
- Condition Assessment (based upon on-site visual observations)
- Life and Valuation Estimates
- Fund Status
- Funding Plan

II. Update, With-Site-Visit/On-Site Review: A Reserve Study update in which the following five Reserve Study tasks are performed:

- Component Inventory (verification only, not quantification)
- Condition Assessment (based on on-site visual observations)
- Life and Valuation Estimates
- Fund Status
- Funding Plan

III. Update, No-Site-Visit/Off Site Review: A Reserve Study update with no on-site visual observations in which the following three Reserve Study tasks are performed:

- Life and Valuation Estimates
- Fund Status
- Funding Plan

For more information go to <u>www.caionline.org</u> or contact:

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