

NORTH SHORE WATER COMMISSION
2020 - 2024 APPROVED CAPITAL IMPROVEMENT PLAN

(Staffing Level: 1 Manager, 1 Foreman, 1 Technician Mechanic, 4 Relief Op/Tech, Interns and Gardners)
September 12, 2018

2020 - Capital Improvement Plan **\$1,335,000**

Reservoir Improvements - Major Construction (2020-1)	PCT	COST
Protective Isolation of Reservoirs #3 and #4	4%	\$50,000
Rehabilitate Reservoirs #1 and #2	65%	\$870,000
Overflow Pipe Installation	4%	\$50,000
Contingency	14%	\$190,000
Engineering	9%	\$115,000
Owner Admin / Legal	4%	\$60,000
		\$1,335,000

2021 - Capital Improvement Plan **\$164,000**

Filter Improvements (2021-1)	PCT	COST
Self-performed Labor	13%	\$12,000
Contracted Services	10%	\$10,000
Direct Purchase of Materials and Equipment	73%	\$70,000
Engineering	0%	\$0
Contingency	4%	\$4,000
		\$96,000

Security Camera Replacements (2021-2)	PCT	COST
Self-performed Labor	6%	\$2,000
Contracted Services	0%	\$0
Direct Purchase of Materials and Equipment	83%	\$30,000
Engineering	0%	\$0
Contingency	11%	\$4,000
		\$36,000

IT Improvements (2021-3)	PCT	COST
Self-performed Labor	6%	\$2,000
Contracted Services	0%	\$0
Direct Purchase of Materials and Equipment	88%	\$28,000
Engineering	0%	\$0
Contingency	6%	\$2,000
		\$32,000

2022 - Capital Improvement Plan **\$139,000**

Flat Roof Replacement (2022-1)	PCT	COST
Self-performed Labor	0%	\$0
Contracted Services	91%	\$100,000
Direct Purchase of Materials and Equipment	0%	\$0
Engineering	0%	\$0
Contingency	9%	\$10,000
		\$110,000

Skylight Replacements (2022-2)	PCT	COST
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Self-performed Labor	0%	\$0
Contracted Services	90%	\$26,000
Direct Purchase of Materials and Equipment	0%	\$0
Engineering	0%	\$0
Contingency	10%	\$3,000
		\$29,000

2023 - Capital Improvement Plan **\$230,000**

HVAC Upgrade (2023-1)	PCT	COST
Self-performed Labor	0%	\$0
Contracted Services	87%	\$200,000
Direct Purchase of Materials and Equipment	0%	\$0
Engineering	9%	\$20,000
Contingency	4%	\$10,000
		\$230,000

2024 - Capital Improvement Plan **\$213,000**

Raw Pump #3 Installation and VFD Cabinet (2024-1)	PCT	COST
Self-performed Labor	0%	\$0
Contracted Services	83%	\$100,000
Direct Purchase of Materials and Equipment	0%	\$0
Engineering	8%	\$10,000
Contingency	8%	\$10,000
		\$120,000

Raw Water Pump #2 and #4 Valve Replacements (2024-2)	PCT	COST
Self-performed Labor	6%	\$6,000
Contracted Services	2%	\$2,000
Direct Purchase of Materials and Equipment	75%	\$70,000
Engineering	11%	\$10,000
Contingency	5%	\$5,000
		\$93,000

TOTAL EXPENDITURES	\$2,081,000
NUMBER OF YEARS	5
AVERAGE ANNUAL EXPENDITURES	\$416,200