

NORTH SHORE WATER COMMISSION
2019 - 2023 APPROVED CAPITAL IMPROVEMENT PLAN

(Staffing Level: 1 Manager, 1 Foreman, 1 Technician Mechanic, 4 Relief Op/Tech, Interns and Gardners)
November 8, 2017

2019 - Capital Improvement Plan **\$139,000**

Raw Water Pump #2 and #4 Valve Replacements (2019-1)	PCT	COST
Self-performed Labor	7%	\$6,000
Contracted Services	2%	\$2,000
Direct Purchase of Materials and Equipment	83%	\$70,000
Engineering	2%	\$2,000
Contingency	5%	\$4,000
		\$84,000

2019 - Engineering of Reservoir Improvements Project (2019-2)	PCT	COST
Self-performed Labor	0%	\$0
Contracted Services	0%	\$0
Direct Purchase of Materials and Equipment	0%	\$0
Engineering	91%	\$50,000
Contingency	9%	\$5,000
		\$55,000

2020 - Capital Improvement Plan **\$1,117,000**

Reservoir Improvements - Major Construction (2020-1)	PCT	COST
Self-performed Labor	0%	\$0
Contracted Services	75%	\$833,000
Direct Purchase of Materials and Equipment	0%	\$0
Engineering	10%	\$117,000
Contingency	15%	\$167,000
		\$1,117,000

2021 - Capital Improvement Plan **\$168,000**

Filter Improvements (2021-1)	PCT	COST
Self-performed Labor	12%	\$12,000
Contracted Services	10%	\$10,000
Direct Purchase of Materials and Equipment	70%	\$70,000
Engineering	4%	\$4,000
Contingency	4%	\$4,000
		\$100,000

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 **\$110,000**

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

2023 - Capital Improvement Plan **\$216,000**

Raw Pump 3 Installation and VFD Cabinet (2023-1)	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

Filter Improvements (2023-2)	PCT	COST
Self-performed Labor	12%	\$6,000
Contracted Services	10%	\$5,000
Direct Purchase of Materials and Equipment	70%	\$35,000
Engineering	4%	\$2,000
Contingency	4%	\$2,000
		\$50,000

IT Improvements (2023-3)	PCT	COST
Self-performed Labor	7%	\$4,000
Contracted Services	0%	\$0
Direct Purchase of Materials and Equipment	89%	\$50,000
Engineering	0%	\$0
Contingency	4%	\$2,000
		\$56,000

TOTAL EXPENDITURES	\$1,750,000
NUMBER OF YEARS	5
AVERAGE ANNUAL EXPENDITURES	\$350,000