

Capital Improvement Plan
City of Arden Hills, Minnesota

2024 *thru* 2033

Attachment A

Project #	24-W-001
Project Name	Water Tower Maintenance

TCAAP No

Department Water Department
Contact Public Works Director
Type Unassigned
Useful Life 10
Category Utility Maintenance
Priority 2 Very Important

Total Cost \$730,000

Description
2024 - South Water Tower maintenance. Clean, inspect and repair tank interior of this 1 million gallon storage facility in accordance with MN Department of Health guidelines.
2026 - North Water Tower order inspection report.
2027 - North Water Tower maintenance. Clean, inspect and repair tank interior of this 500,000 gallon storage facility in accordance with MN Department of Health guidelines.
2030 - South Water Tower order inspection report.
2031 - South Water Tower maintenance. Clean, inspect and repair tank interior of this 1 million gallon storage facility in accordance with MN Department of Health guidelines.
2033 - North Water Tower order inspection report.
2034 - North Water Tower maintenance. Clean, inspect and repair tank interior of this 500,000 gallon storage facility in accordance with MN Department of Health guidelines.
Listed costs are estimates only. Inspections will determine the extent of minor repairs required.

Justification
The MN Department of Health recommends that storage facilities for public water supply systems are inspected and maintained on a 5-year cycle.
Last rehab on South Tower was completed in 2013 (\$816,256). Next one due in 2038.
Last rehab on North Tower was completed in 2018 (\$608,125). Next one due in 2043.

Expenditures	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Construction/Maintenance	250,000		10,000	150,000			10,000	150,000		10,000	580,000
Total	250,000		10,000	150,000			10,000	150,000		10,000	580,000
Funding Sources	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Water Utility Funds	250,000		10,000	150,000			10,000	150,000		10,000	580,000
Total	250,000		10,000	150,000			10,000	150,000		10,000	580,000