

# Capital Improvement Plan Ramsey, MN

**Project #** 24-WTR-002  
**Project Name** Well#1 Pressure Filter and Generator

<b>Total Project Cost</b>	\$1,500,000	<b>Department</b>	Water Utility
<b>Type</b>	Improvement	<b>Category</b>	Water Utility Improvement
<b>Priority</b>	4-New Addition (Med)	<b>Status</b>	Active
<b>Useful Life</b>	50 years		

**Description**

Install pressure filter to remove Iron and Manganese from municipal water supply at well pumphouse #1 and install emergency power supply generator to power the well and filter during power outages.

**Justification**

Well#1 will not be connected to the new water treatment plant (WTP) since the price of running a raw watermain line from well #1 to the WTP would be cost prohibitive. However, a small pressure filter would fit within the existing pumphouse and would be able to remove Iron and Manganese from water supplied by well #1, which would add 1.08 million gallons per day to the city's water supply system. Adding an onsite emergency generator will power the well and pressure filter during power outages. Only two city wells currently have emergency power generators.

<b>Expenditures</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>2031</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>Total</b>
Improvements Other than Building Cost	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

  

<b>Funding Sources</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>2031</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>Total</b>
Water Utility Fund	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>