

### Secondary Clarifiers Structural Rehabilitation and Safety

40 million gallon/day treatment plant

- 4 Clarifiers large clarifiers
- Each is 160 feet diameter, 2.1 million gallon capacity

### Secondary Clarifiers -- a fundamental function.

• Settle out solids and clarify the water.



**13.9** Billion Gallons of Wastewater Each Year

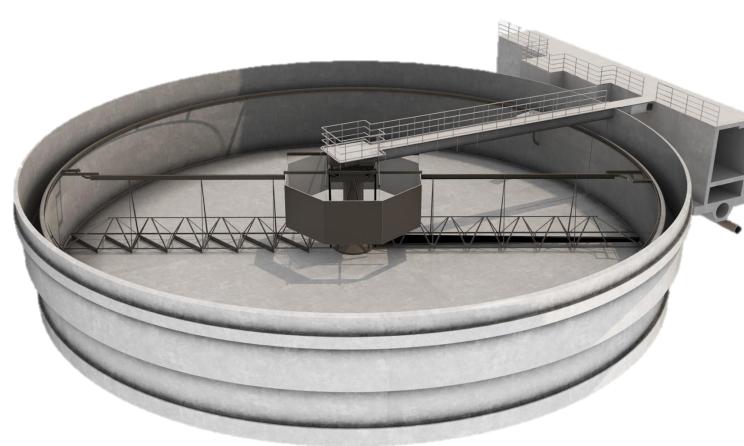
- 530 Square Miles
- 16 Communities
  - Major Industrial Customers

### **Regional Treatment Plant**



### Western Lake Superior Sanitary District

### Secondary Clarifiers Structural Rehabilitation and Safety



- prevent the degradation of solids settling and clarification
- ensure we continue to meet current and future wastewater regulations.

### Clarifier 4

Design: Nov. 2022 – Mar 2023 Construction: June 2023 – Dec. 2023

Clarifier 2

Design: Nov. 2023 – March 2024 Construction: June 2024 – Dec. 2024



## **Exterior Renovation**







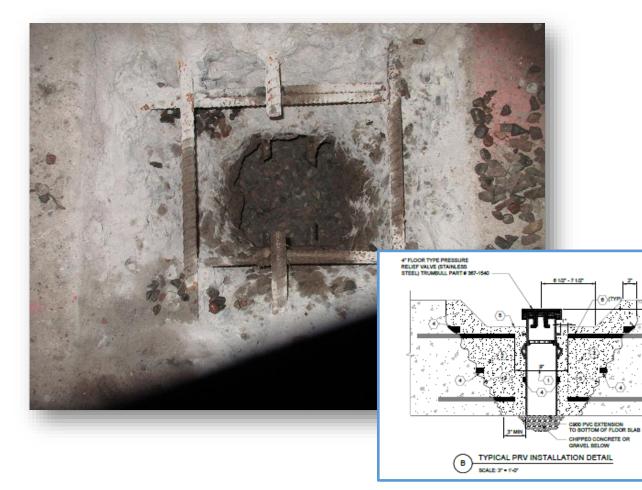
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## **Other protective measures**





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# WLSSD Secondary Clarifiers Structural Rehabilitation and Safety

 Total Project Cost......\$13,900,000

 WLSSD Investment......6,950,000

 2022 Capital Budget Request:
 \$6,950,000



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