



Work Group preliminary survey results



Della Young, September 30, 2026 metro council.org

Top 5 ranked potential infrastructure solutions (1 of 2)

1. Potential Solution 17: Augment White Bear Lake from East Vadnais Lake (Study 7B)

- up to 2 billion gallons per year
- surface water treated for suspended solids, aquatic invasive species, phosphorus, nitrogen, total organic carbon and manganese

2. Potential Solution 18: Augment White Bear Lake from East Vadnais Lake (Study 7B)

- up to 1 billion gallons per year
- surface water treated for suspended solids, aquatic invasive species, phosphorus, nitrogen, total organic carbon, and manganese
- a facility that is designed to be expanded up to a 2 billion gallons per year pumping and treatment capacity in the future if needed

3. (tie) Potential Solution 21: Augment White Bear Lake from Saint Paul Regional Water Services (Study 7B Amendment)

- up to 2 billion gallons per year of purchased partially treated surface water
- with no additional clarifier and recarbonation/ozonation basin (low range cost estimate) or with an additional clarifier and recarbonation/ozonation basin (high range cost estimate), water booster station, and transmission main

Top 5 ranked potential infrastructure solutions (2 of 2)

3. (tie) Potential Solution 22: Augment White Bear Lake from Saint Paul Regional Water Services (Study 7B Amendment)

- up to 1 billion gallons per year of purchased partially treated water
- with no additional clarifier and recarbonation/ozonation basin (low range cost estimate) or with an additional clarifier and recarbonation/ozonation basin (high range cost estimate), water booster station, and transmission main
- with a pumping facility that is designed to be expanded up to a 2 billion gallons per year pumping capacity in the future if needed

4. Potential Solution 19: Augment White Bear Lake from East Vadnais Lake (Study 7B)

- up to 2 billion gallons per year
- surface water treated for suspended solids and aquatic invasive species only

Top 5 ranked potential infrastructure solutions – combination of funding methods vs. funding by others only

Potential Water Infrastructure Solution	Total	Rank	Total (other-payer only)	Rank (other-payer only)
Solution 17. Augment White Bear Lake from East Vadnais Lake with up to 2 BGY	230	1	238	1
Solution 18: Augment White Bear Lake from East Vadnais Lake with up to 1 BGY	212	2	224	2
Solution 21: Augment White Bear Lake with up to 2 BGY partially treated water from SPRWS	202	3 (tie)	214	3 (tie)
Solution 22: Augment White Bear Lake with up to 1 BGY partially treated water from SPRWS	202	3 (tie)	214	3 (tie)
Solution 19: Augment White Bear Lake from East Vadnais Lake with up to 2 BGY with treatment for suspended solids and aquatic invasive species only	174	4	192	4

Rankings for potential water savings solutions

1. Potential Water Savings Solution 1: Install smart controllers on all lawn irrigation systems (day of week and time) (Study 10) - 198 points
2. Potential Water Savings Solution 2: Increase tiered increasing block water utility rates (Study 12) – 188 points
3. Potential Water Savings Solution 3: Alternative low input turf grasses (Study 13) – 170 points

** Rankings were the same whether funding was from a combination of sources or funded by others-only.*

Next steps

- Financial dashboard will be available on October 5 for work group members to use and analyze different funding methods and scenarios.
- Work group members can update their rankings if the financial dashboard analysis influenced and changed their rankings. We will need your updated rankings no later than October 12.
- Next work group meeting – October 22 to discuss the updated rankings, if any, and reach a consensus on the top ranked potential infrastructure solution(s) and water savings solutions.