



Information Item Implementing Metro Area Water Supply Plan Projects



Background

Completed a survey to help scope regional projects to implement the Metro Area Water Supply Plan

- Consider the Metro Area Water Supply Plan
- Consider some key milestones
- Consider Met Council resources
- Review and share input on potential projects being proposed

Metro Area Water Supply Plan Table 3.2

Regional actions that Met Council commits to support

- Collaboration and capacity building
- System assessment
- Mitigation measure evaluation
- Planning and implementation



Key milestones (1/2)

Projects may be more useful if done at a certain time

- 2025** Communities will receive system statements with information to update their local comprehensive plans
- Feb. 2027** MAWSAC will report to the legislature about our water supply work (statute)
- Dec. 2028** Deadline for communities to submit updated comprehensive plans and DNR Water Supply Plans to Met Council
- 2030** Met Council will report to the legislature about our water supply work, and the U.S. Census will trigger the process to update regional forecasts and plans (statute)

Key milestones (2/2)

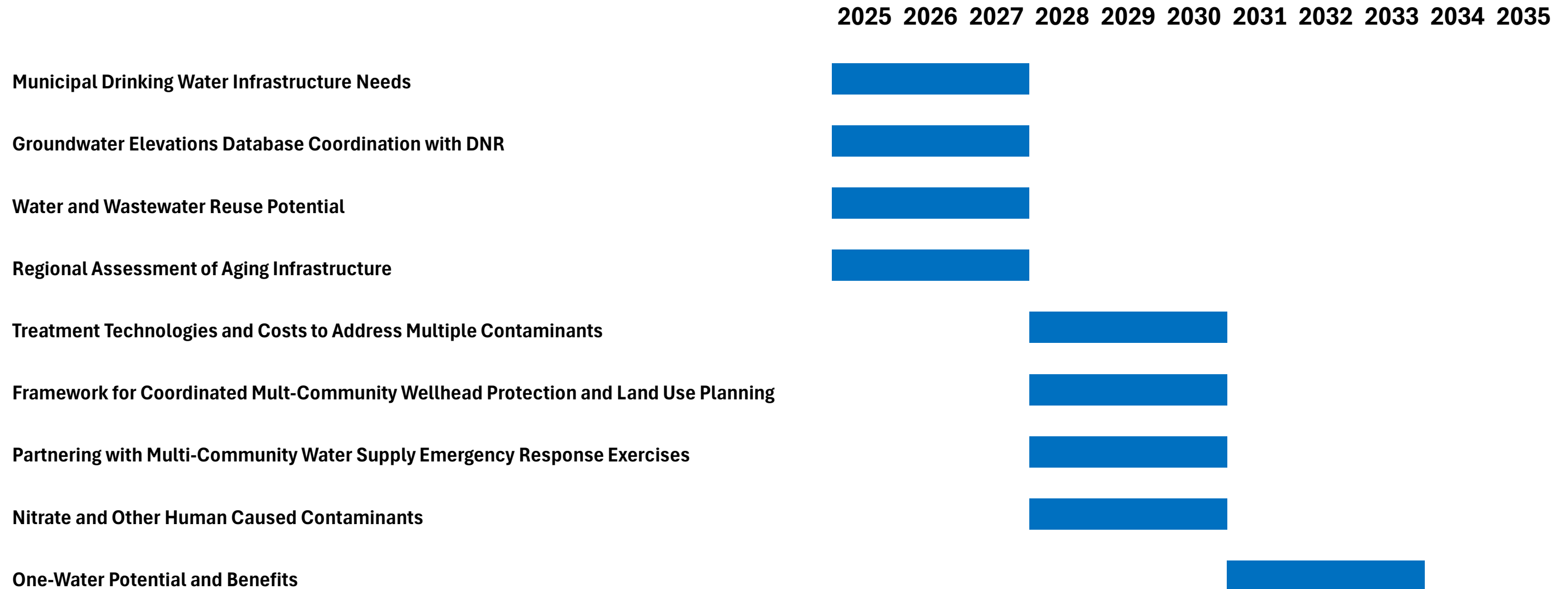
Projects may be more useful if done at a certain time

2032-2033 Wrap up policy research cycle to inform plan updates

2034 Clean Water Fund expires, and stakeholder engagement needed to update regional policies and plans

2035 MAWSAC will approve the updated Metro Area Water Supply Plan

Collaboration and capacity building projects (1/2)

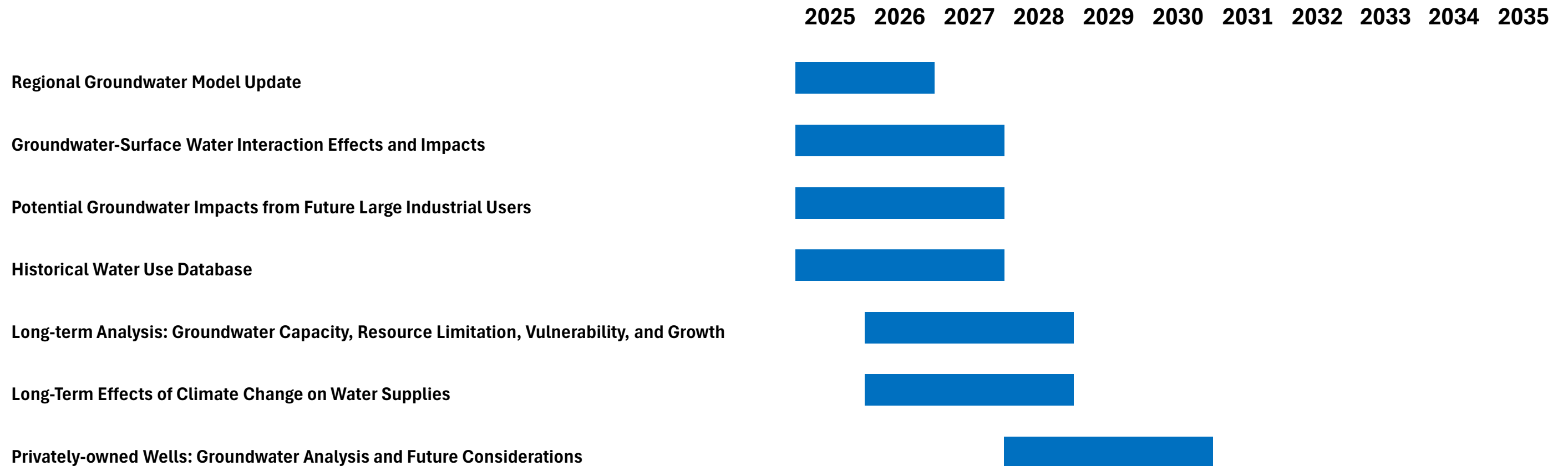


Collaboration and capacity building projects (2/2)

Changes made to studies:

1. Changed the *Infrastructure Water Supply Needs* study name to *Municipal Drinking Water Infrastructure Needs* study. Project could be supported by the Groundwater Elevations Database Coordination project.
2. Moved *Treatment Technologies and Costs to Address Multiple Contaminants* study from 2025-2027 to 2028-2030
3. Changed the *Nitrate Study* name to *Nitrate and Other Human Caused Contaminants* study

System assessment projects (1/3)



System assessment projects (2/3)

Changes made to studies:

1. Moved *Groundwater Surface Water Interaction Effects and Impacts* study from 2028-2030 to 2025-2027. Study can be done concurrently with the *Regional Groundwater Model Update*.
2. Moved *Long-term Analysis: Groundwater Capacity, Resource Limitation, Vulnerability, and Growth* study from 2028-2030 to 2026-2028. MAWSAC/TAC noted that this study could be supported by the *Regional Groundwater Model Update* and the *Groundwater Surface Water Interactions Effects and Impacts* study.
3. Moved *Long-Term Effects of Climate Change on Water Supplies* study from 2025-2027 to 2026-2028. MAWSAC/TAC noted that this study could be supported by the *Regional Groundwater Model Update* and the *Groundwater Surface Water Interactions Effects and Impacts* study.

System assessment projects (3/3)

Changes made to studies (continued):

4. Moved *Potential Groundwater Impacts from Future Large Industrial Users* study from 2028-2030 to 2026-2028. MAWSAC/TAC noted that this study could be supported by the *Regional Groundwater Model Update* and the *Groundwater Surface Water Interactions Effects and Impacts* study.

Mitigation measure evaluation projects (1/2)

2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035

Potential Water Savings by Sustainable and Water Efficient Irrigation Systems



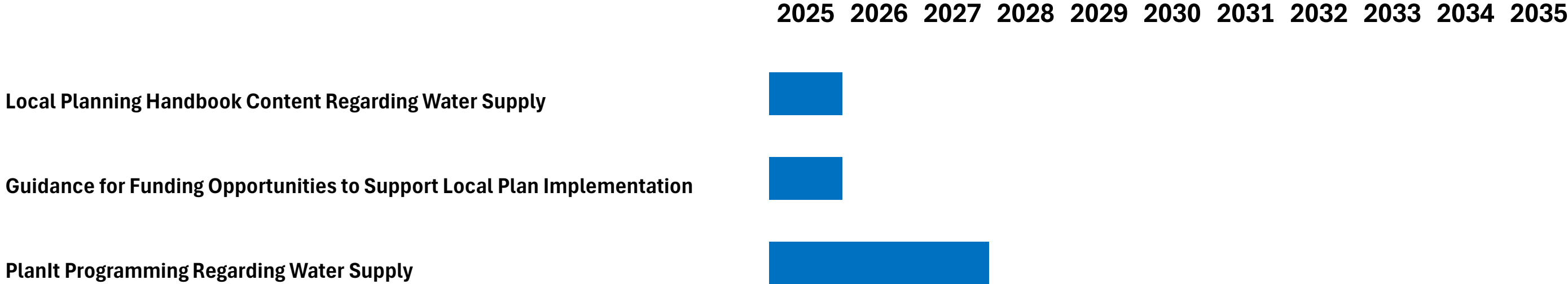
Unaccounted for Water Analysis and Potential Savings



Mitigation measure evaluation projects (2/2)

No changes made to studies

Planning and implementation projects (1/2)

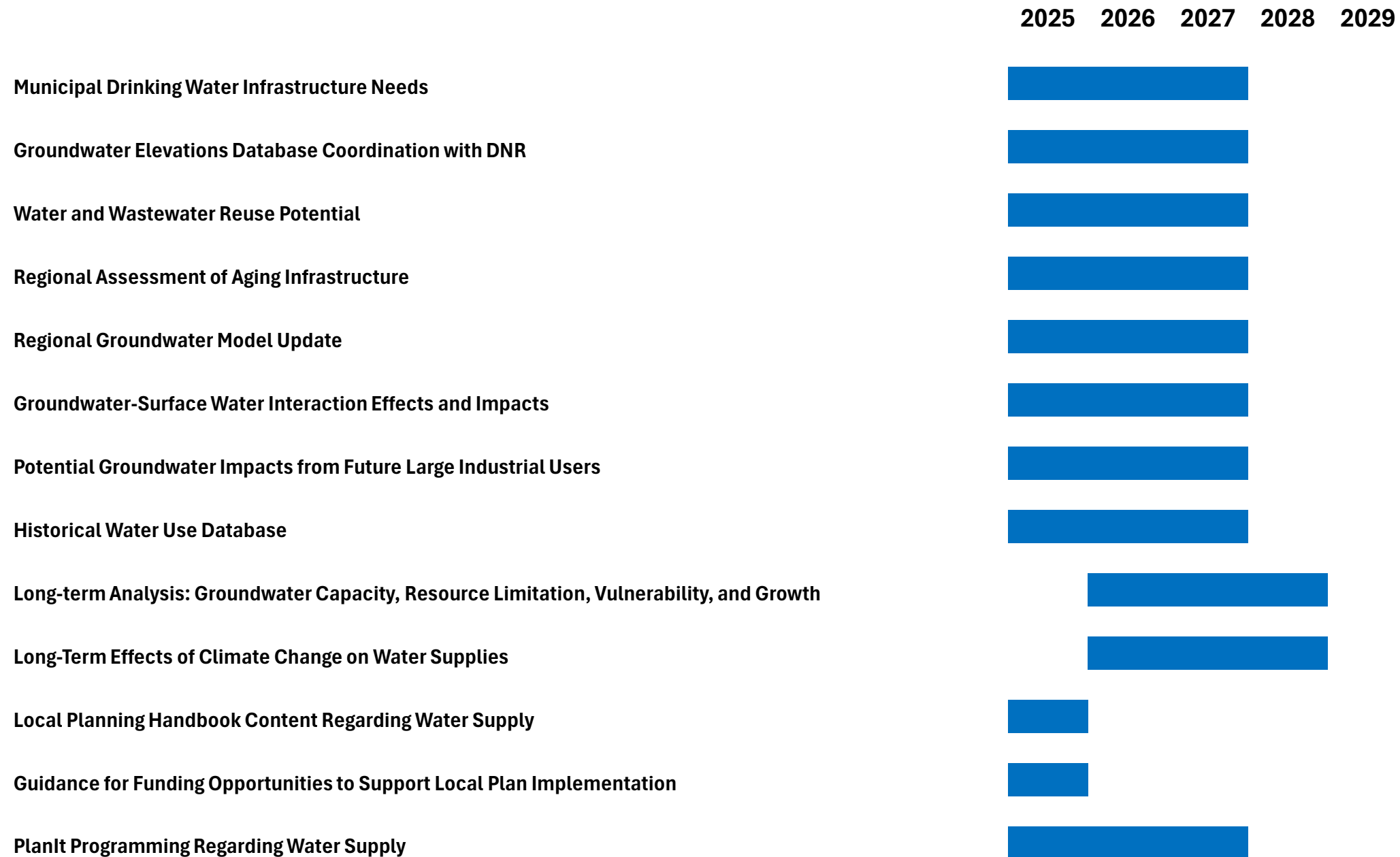


Planning and implementation projects (2/2)

Changes made to studies:

1. *Local Planning Handbook Content Regarding Water Supply* needs to be done in 2025. Previously shown as 2025-2027.
2. Moved *Guidance for Funding Opportunities to Support Local Plan Implementation* from 2028-2030 to 2025.

All initial projects combined – 13 projects



Future changes to regional project list



- The list of regional projects will likely be updated over time depending on impacts from future water supply issues that are currently unknown.

Subregional projects



- Proposed subregional projects that do not align with regional projects will be prioritized for the subregions based on discussions with the subregions and available Met Council budgets.



Thank You

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