

December 11th, 2023

City Council Work Session

Ann Arbor Water Strategic Plan
WTP Facility Plan

Water Treatment Plant (WTP) Facility

AECOM



**ANN ARBOR
WATER**

AGENDA

- 1 Session Purpose
- 2 WTP Facility Plan Background
- 3 Community Engagement
- 4 Ann Arbor Water Strategic Plan
- 5 Next Steps
- 6 Council Discussion

COUNCIL WORK SESSION | Purpose



Introduce the Ann Arbor Water Strategic Plan



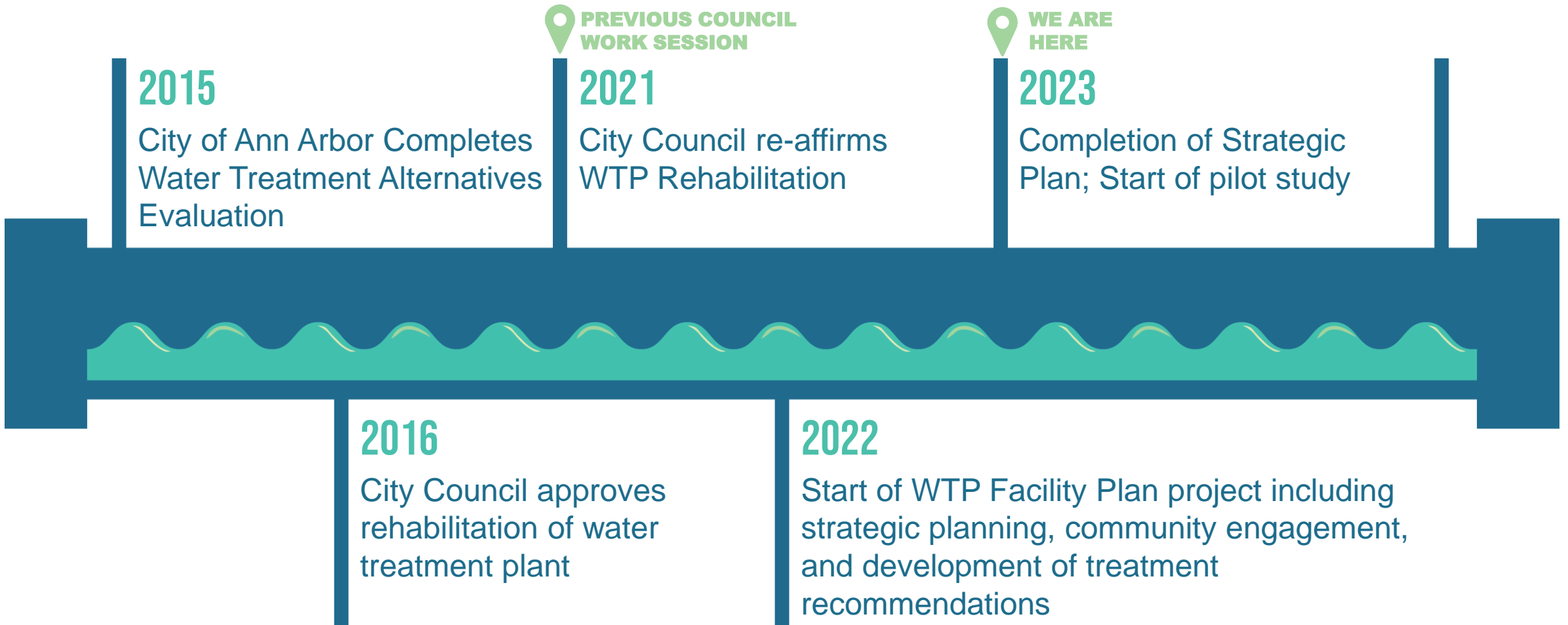
Share community engagement process and outcomes



Foster Council's adoption of the Ann Arbor Water Strategic Plan



WTP FACILITY PLAN | Background



ANN ARBOR WATER STRATEGIC PLAN | Purpose



Establish the strategic framework to guide decision-making:
guiding principles and aspirational goals



Capture **community priorities** for Ann Arbor Water through hands-on Strategic Plan development



Review and update as a **living document**

STRATEGIC PLAN

WTP FACILITY PLAN

50-YEAR ROADMAP

ANN ARBOR WATER STRATEGIC PLAN | Guiding Principles

Steering decision-making for the WTP Facility Plan



**WE
CONSISTENTLY
DELIVER.**

*Trust in
level of service*

TRUST



**WE ARE A
COMMUNITY.**

*Value of our shared
resource*

COMMUNITY



**WE ARE
ACCOUNTABLE
TO YOU.**

*Care in responsible
management*

ACCOUNTABILITY



**OUR FUTURE
IS NOW.**

*Innovation for
the future*

SUSTAINABILITY



**KNOWLEDGE
IS POWER.**

*Access
to information*

KNOWLEDGE

ANN ARBOR WATER STRATEGIC PLAN | Aspirational Goal Topics

Translating guiding principles into action

 **TRUST**


**SOURCE
WATER
PROTECTION**


**WATER
QUALITY**


 **COMMUNITY**


**EQUITY
AND
AFFORDABILITY**


WORKFORCE

 **ACCOUNTABILITY**


**RESILIENCY
AND
RELIABILITY**


**PHYSICAL
INFRASTRUCTURE**

 **SUSTAINABILITY**


**CLIMATE
CHANGE**


**WATER
SUPPLY**

 **KNOWLEDGE**


**COMMUNICATION
AND
ENGAGEMENT**


**LEADERSHIP AND
POLICY**

NEXT STEPS | WTP Facility Plan



OPERATIONALIZE STRATEGIC PLAN

Ann Arbor Water will design action plans aligned to next steps identified in the Strategic Plan



WE CONSISTENTLY DELIVER.



REHABILITATE PORTIONS OF THE WATER TREATMENT PLANT (WTP)



Conduct **pilot testing** to evaluate effectiveness of new water treatment technologies



Select additional **treatment strategies** with the flexibility to manage contaminants of concern



Consider and implement technologies that move the WTP towards **net zero energy** consumption



WE ARE ACCOUNTABLE TO YOU.



SEEK FUNDING



Explore **funding sources** to support infrastructure rehabilitation



Use **financial models** to plan infrastructure investments

NEXT STEPS | WTP Facility Plan



OPERATIONALIZE STRATEGIC PLAN

Ann Arbor Water will design action plans aligned to next steps identified in the Strategic Plan



WE ARE A COMMUNITY.



ADVANCE EQUITABLE ACCESS TO WATER SERVICES



Adopt WTP Facility Plan **community engagement recommendations** into capital projects



Benchmark Ann Arbor Water **policies and programs** against industry best practices



Invest in **workforce** continued education and technical skills training to maintain quality service



KNOWLEDGE IS POWER.



RAISE PUBLIC AWARENESS OF DRINKING WATER



Assess the **effectiveness of existing communications** to increase engagement



Prepare a **Communications Plan** for Ann Arbor Water



Invest in **research, development, and innovation** to increase resiliency

COMMUNITY ENGAGEMENT | Process

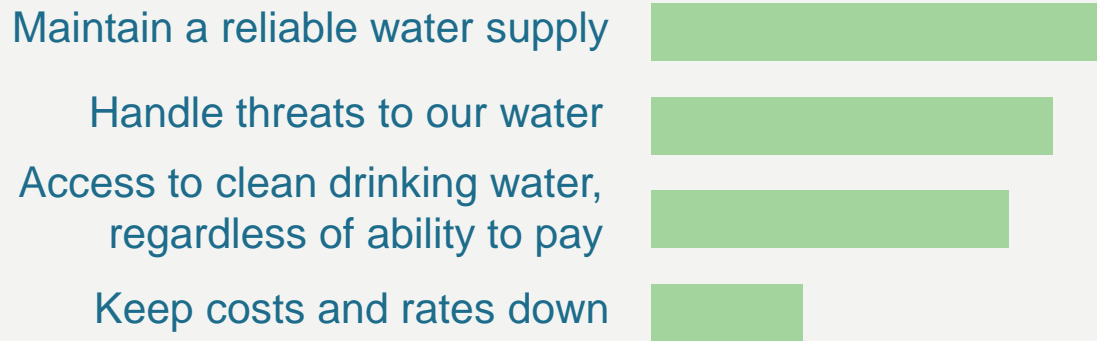


Community Groups Engaged

- Equitable Engagement Steering Committee
- Huron River Watershed Council
- Major Customer Representatives:
 - Scio Township
 - Ann Arbor Public Schools
 - Ann Arbor Charter Township
 - University of Michigan
- Community Action Network
- Avalon Housing
- Neutral Zone
- Bryant Community Center
- Food Gatherers
- Brewers Guild

COMMUNITY ENGAGEMENT | City-wide Survey Outcomes

Top Ranked Water Quality Concerns

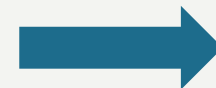
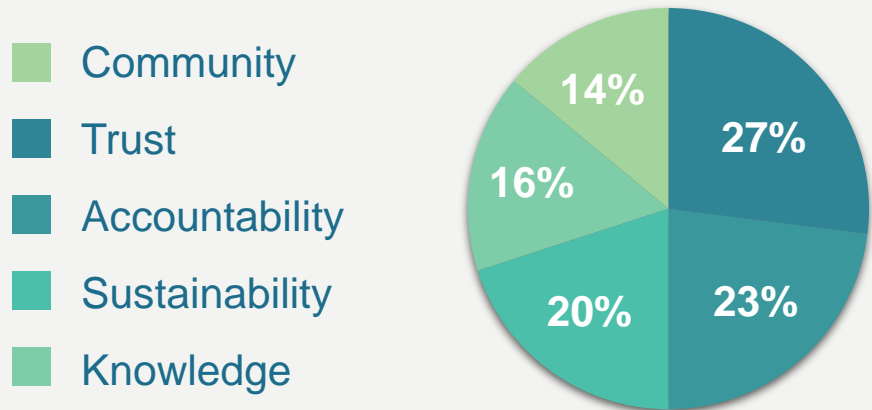


Impact on Strategic Plan



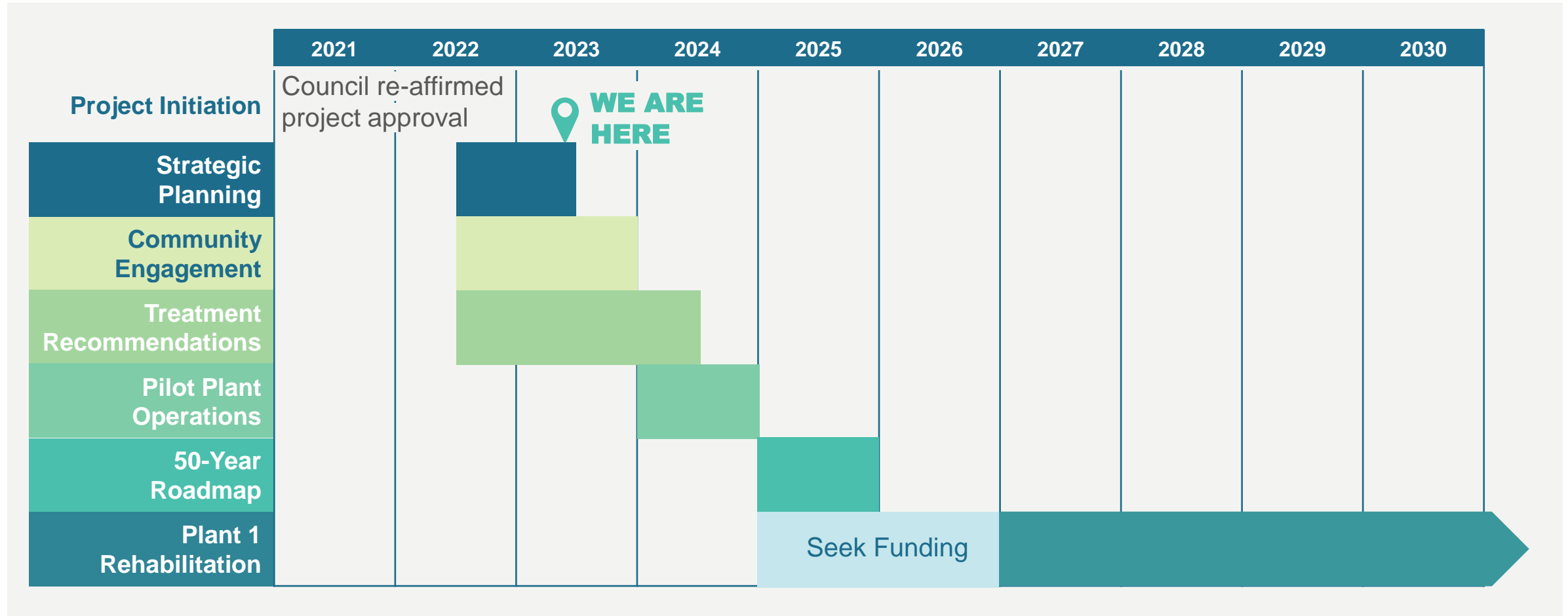
Informed development of aspirational goals and recommendations for next steps

Equal Weighting of Guiding Principles

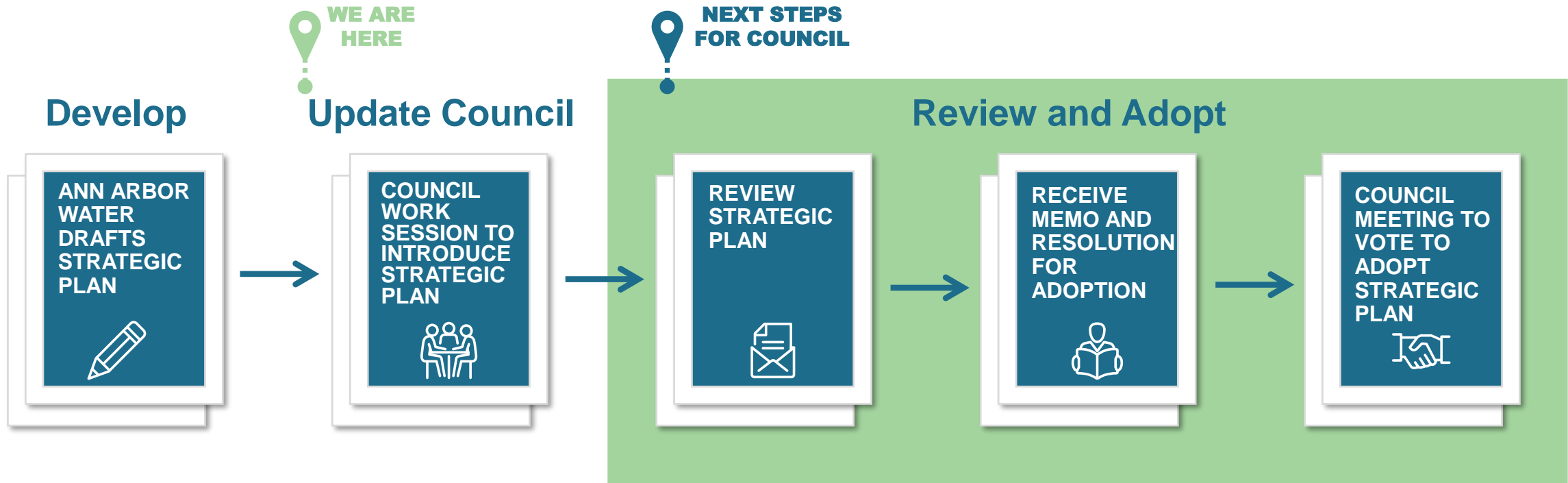


Confirmed alignment in priorities for water treatment service delivery

NEXT STEPS | WTP Facility Plan Project Schedule



NEXT STEPS | City Council





Discussion

Q&A