

Biological Nutrient Removal (BNR)



Public Works & Utilities

July 7, 2020



Project Background



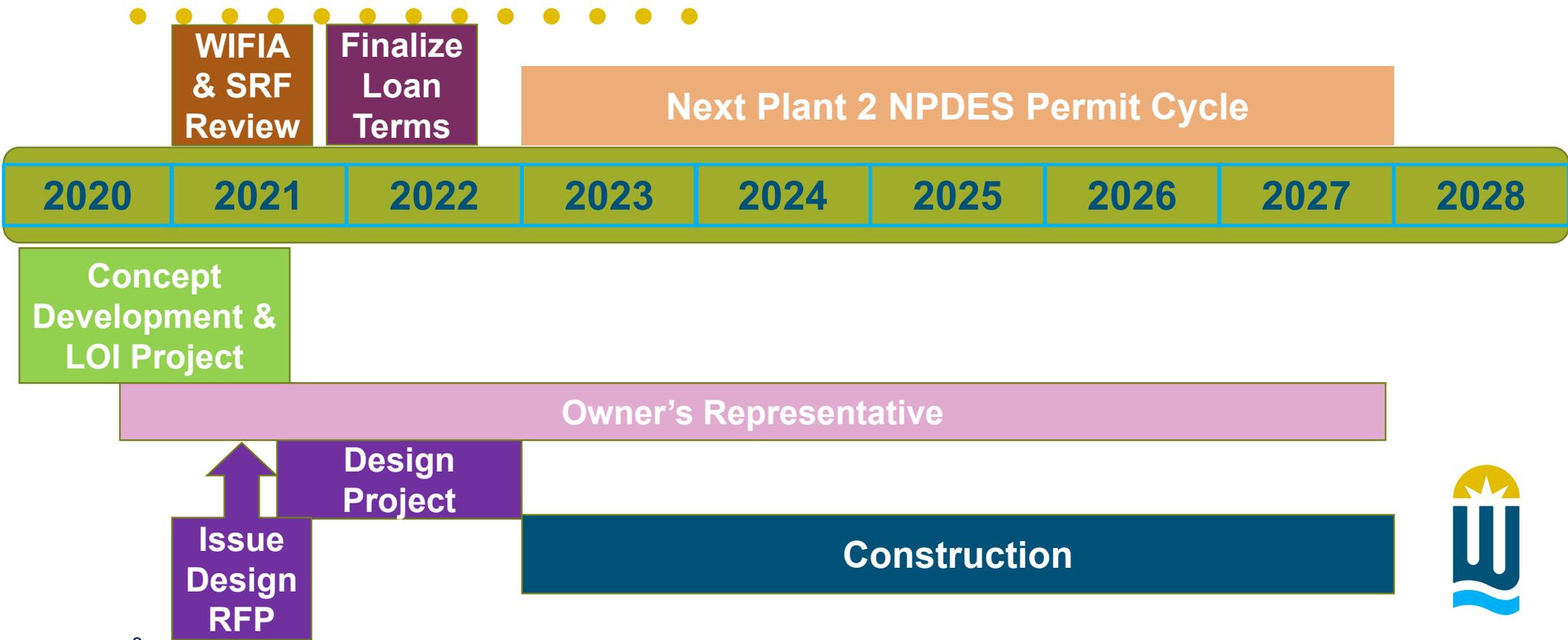
- **January 28, 2020 City Council Workshop**
 - **Presentation of overall program plan**

- **Capital Improvement Program**
 - **2019-2020 \$1M for Evaluation and Design**
 - **2024-2028 \$355M for Construction**

- **March 11, 2020 Proposals for Concept Development Phase**



Overall Plan Timeline



Project Owner's Representative Purpose



- **Owner's Representative to provide added value**
 - **Cost Assurance and Inclusiveness**
 - **Project Assurance for Regulatory and Funding Reviews**
 - **Risk Management in verification of Risk Identification and Mitigation**
 - **Value Added Engineering in the Treatment Processes and Concept Designs**



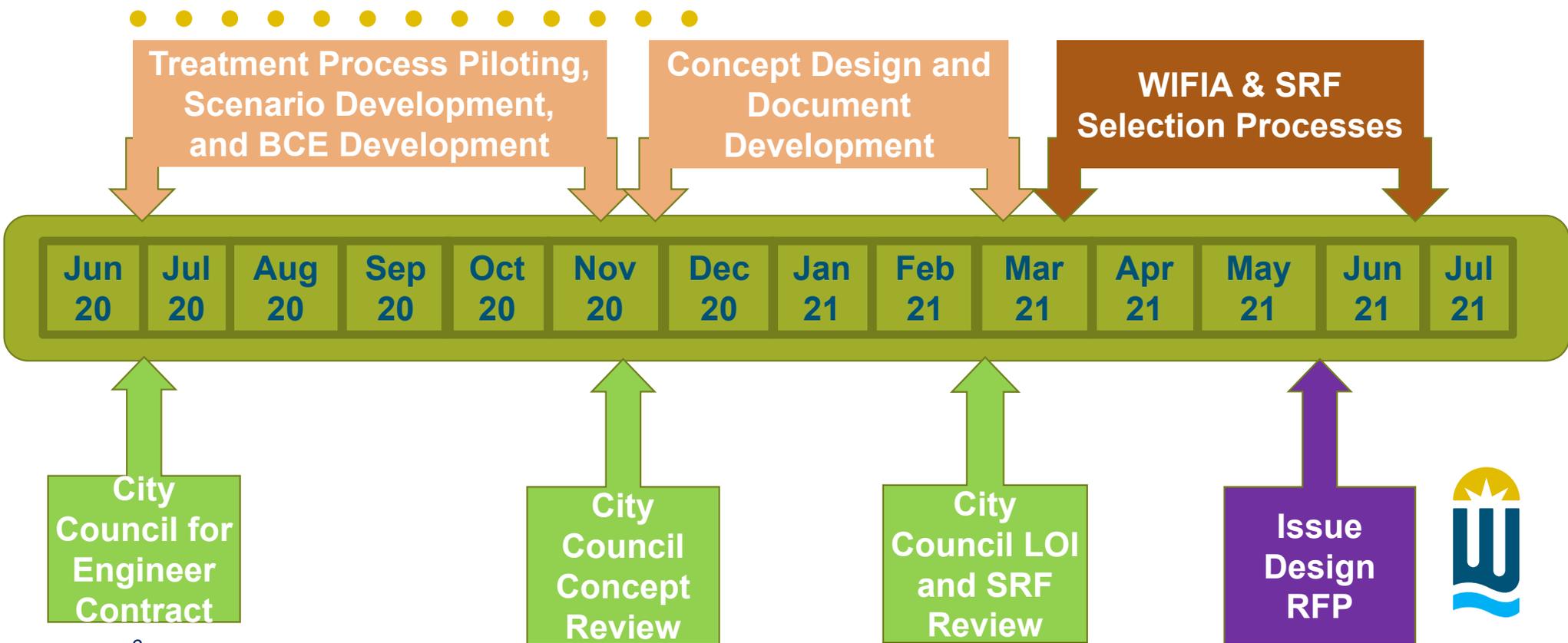
Project Owner's Representative Timeline



- **RFP ready to publish for a Program Owner's Rep**
- **Concept Phase**
 - **If terms agreeable to Owner's Rep and City Council, would proceed to Design Phase and Bidding**
- **Design Phase**
 - **If terms agreeable to Owner's Rep and City Council, would proceed to Construction Phase Services**
- **Construction Phase**



Concept Phase Timeline



Concept Phase Engineer Project Proposals



- **Proposing Firms**
 - **Burns & McDonnell**
 - **Garver**
 - **Olsson**
- **Screening and Selection Committee**
 - **Three City Council Members**
 - **Two stakeholder business representatives**
 - **City staff**
- **Recommendation**
 - **Burns & McDonnell**
 - *Relevant Experience of the Assembled Team*
 - *Focus on Safety During and After Project*
 - *Focus on Use of Existing Assets*
 - *Master Plan Asset Scenarios*
 - *Bench Scale Pilot Testing Methodology*
 - *Flexibility for Re-Use*
 - *Prepared for earlier LOI*
 - *Commitment to Exceeding Deadlines*



Recommendation



- **Adopt the Resolution**
- **Approve the Agreement with Burns & McDonnell**
- **Authorize the Necessary Signatures**



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