



Truckee Meadows Water Reclamation Facility (TMWRF) Dewatering Building Design and CMAR Support Services

Item B.16 – Dewatering Building Design and CMAR Support Services Agreement

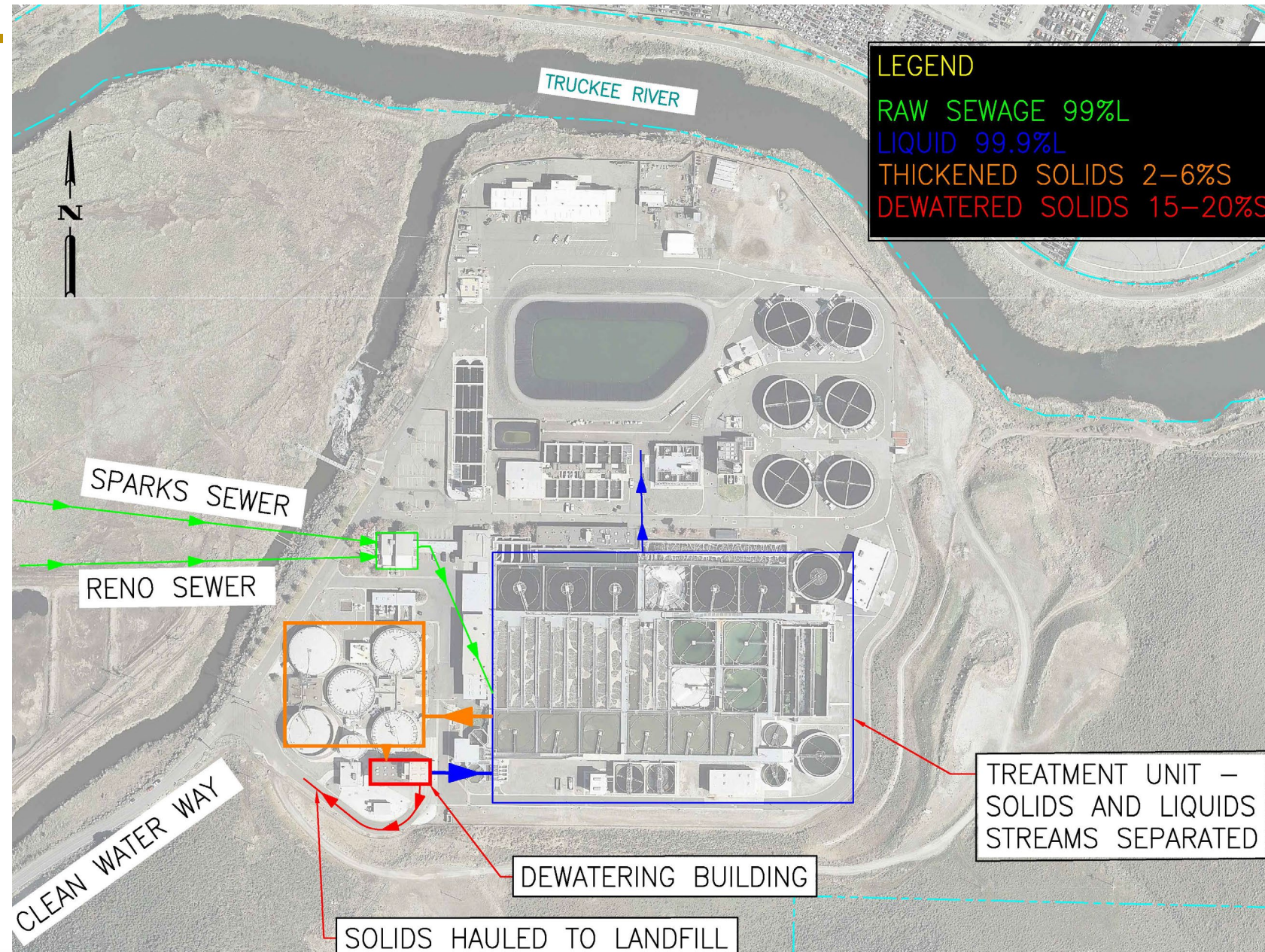


**Utility Services Department
August 23, 2023**

Agenda

- What is “Dewatering” at TMWRF?
- Project Status
- Why It’s Recommended/Project Overview
- Project Schedule and Future Council Actions

What is “Dewatering” at TMWRF?



What is “Dewatering” at TMWRF?



Sludge

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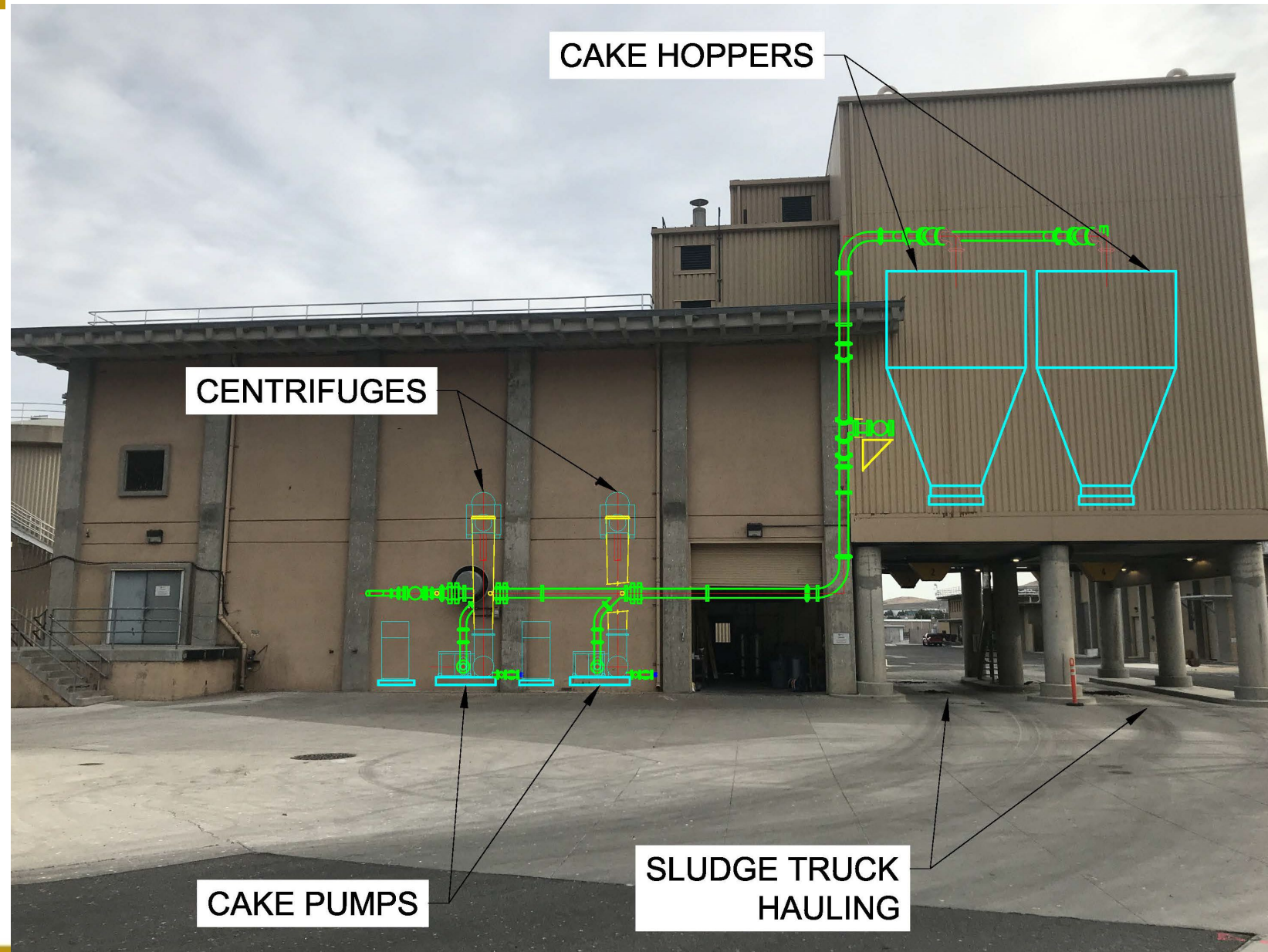
Centrate

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Cake

What is “Dewatering” at TMWRF?



Project Status

- ☒ Pilot Testing & Evaluation
- ☒ Existing Dewatering Building Improvements Design
- ☒ **Jacobs Pre-Design**
 - 10% design
 - Recommendation: New Building
- ☐ *Detailed Design* ★
- ☐ *CMAR Onboarding*
- ☐ *CMAR Construction*



Why It's Recommended

- **Structurally deficient**
- **Limited Space**
- **Odors**
- **Safety**
- **24/7 Operation**
- **No Redundancy**
- **Code Compliance**



- FY20 Risk Rank: #2
- FY21 Risk Rank: #1
- FY22 Risk Rank: #1
- FY23 Risk Rank: #1
- FY24 Risk Rank: #1

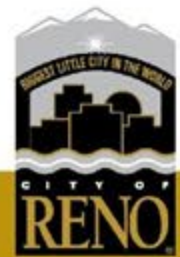
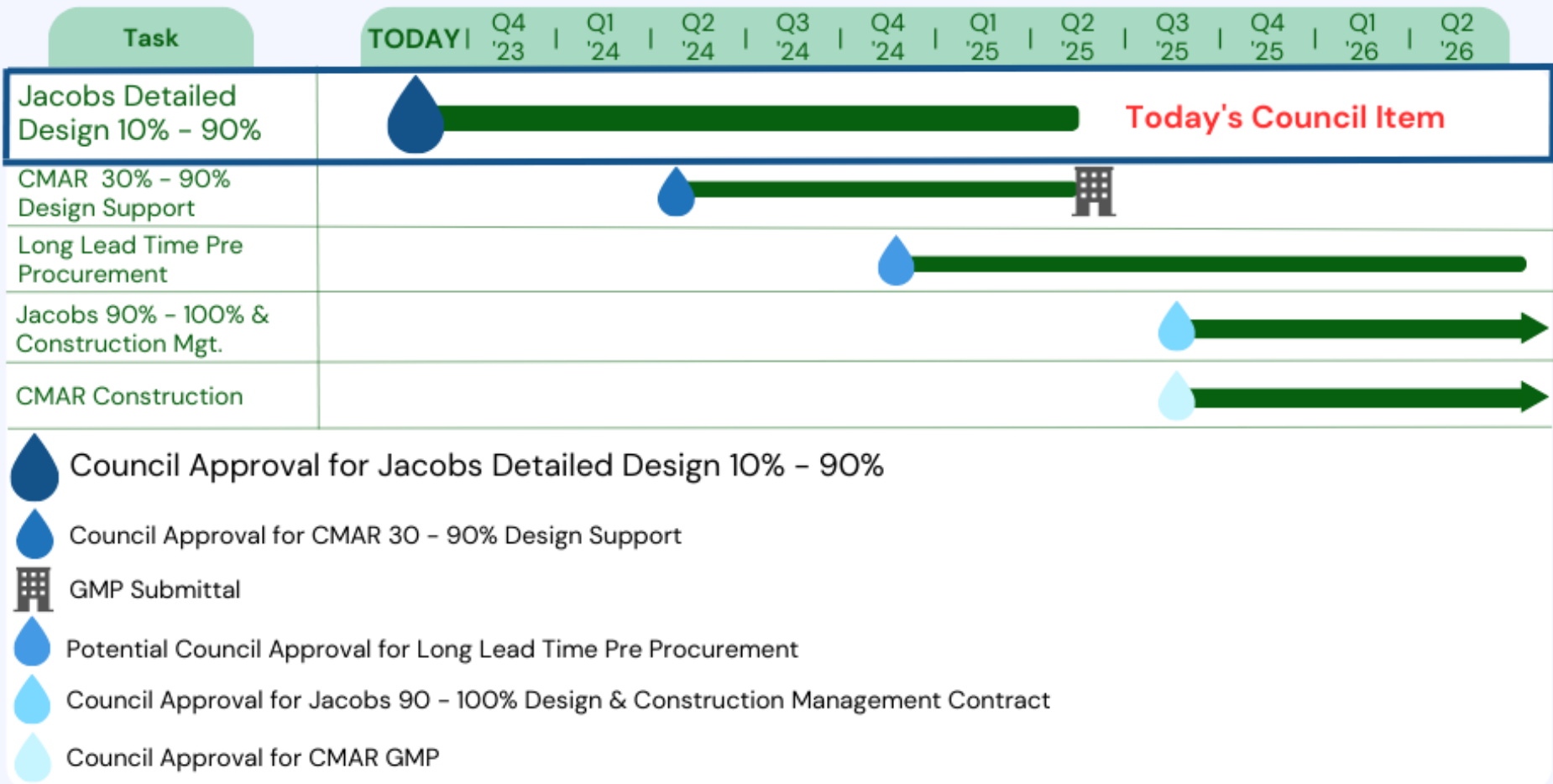
Project Overview

- **Goals**
 - Redundancy
 - Maintenance
 - Capacity
 - Performance
 - O&M Savings



Project Schedule and Future Council Actions

TMWRF Dewatering Building Project CMAR Timeline



Proposed Motion

- I move to approve the consultant agreement with Jacobs for design and CMAR support services for the TMWRF Dewatering Building Project in an amount not to exceed \$4,066,496, with the City of Reno's portion being \$2,790,836.21 (Sewer Fund), and authorize the mayor to sign.

