



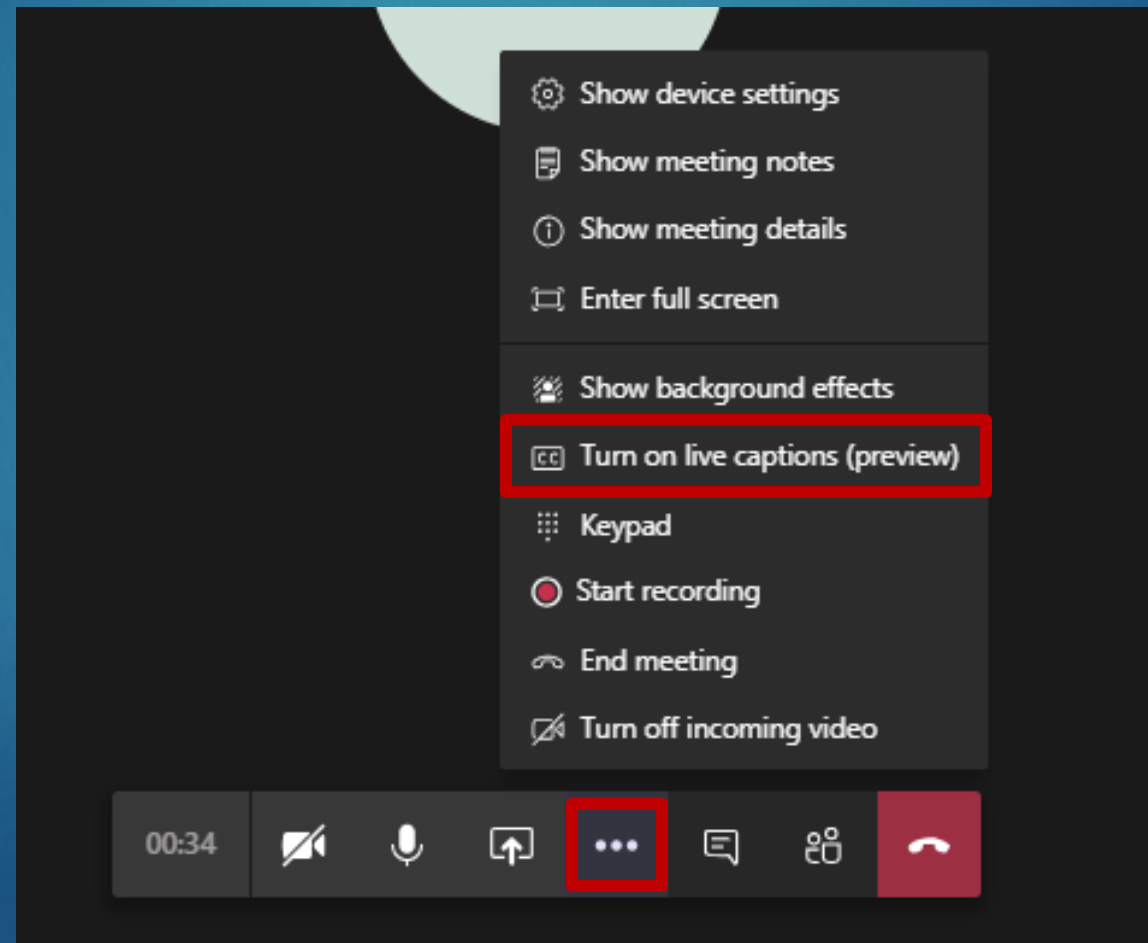
Silicon Valley Clean Water Commission Meeting

SEPTEMBER 20, 2021



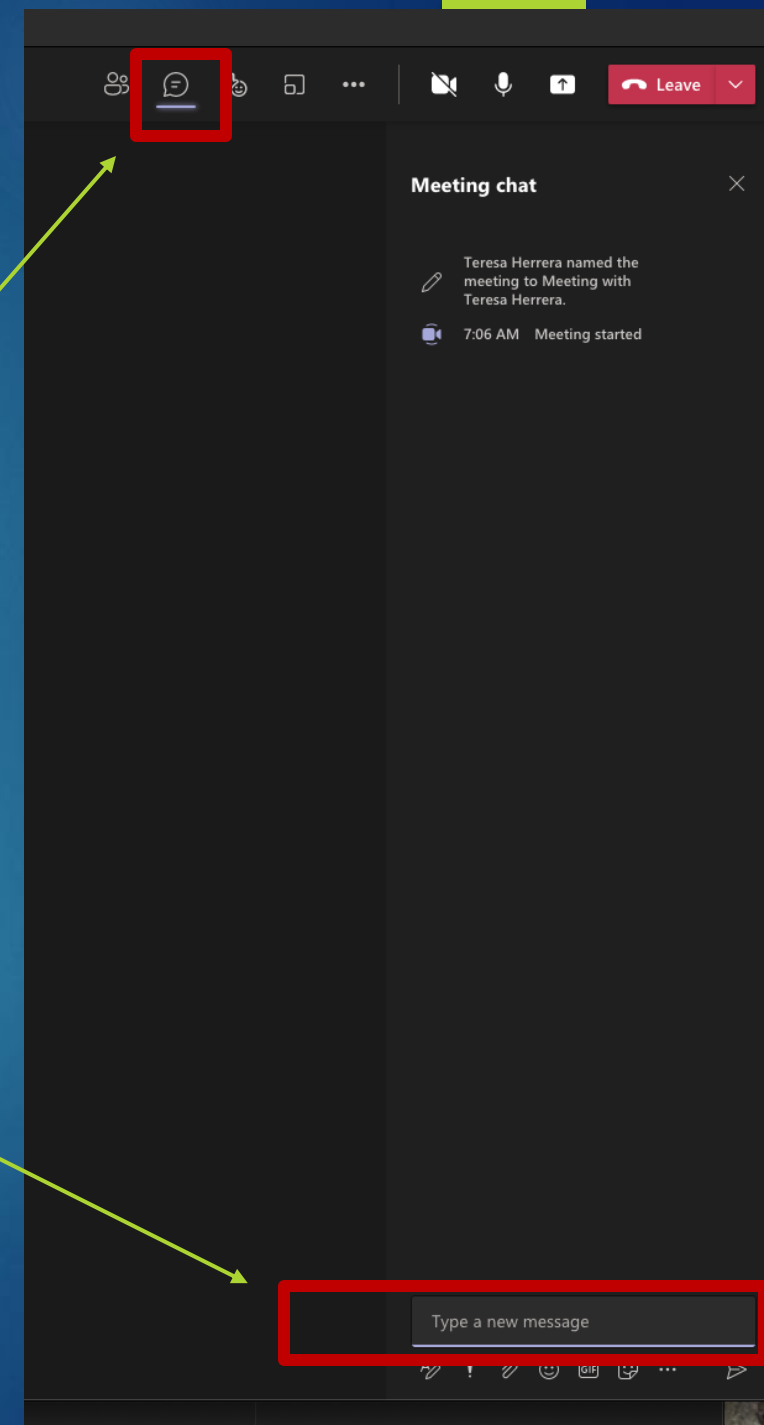
Turn on Live Captions

- ▶ To turn on live captions, go to your meeting controls and select **More actions ...** > **Turn on live captions (preview)**.



Provide Public Comment

- ▶ To provide public comment during the meeting:
 - ▶ Click on the meeting chat bubble
- ▶ Type your message into the box at the bottom of the Meeting Chat
- ▶ Note that all meeting attendees will be able to view your comment





Agenda Item 5B

Manager's Report 2021 A & 2021 B Notes

2021 Notes Priced September 14, 2021

2021A – RESCU

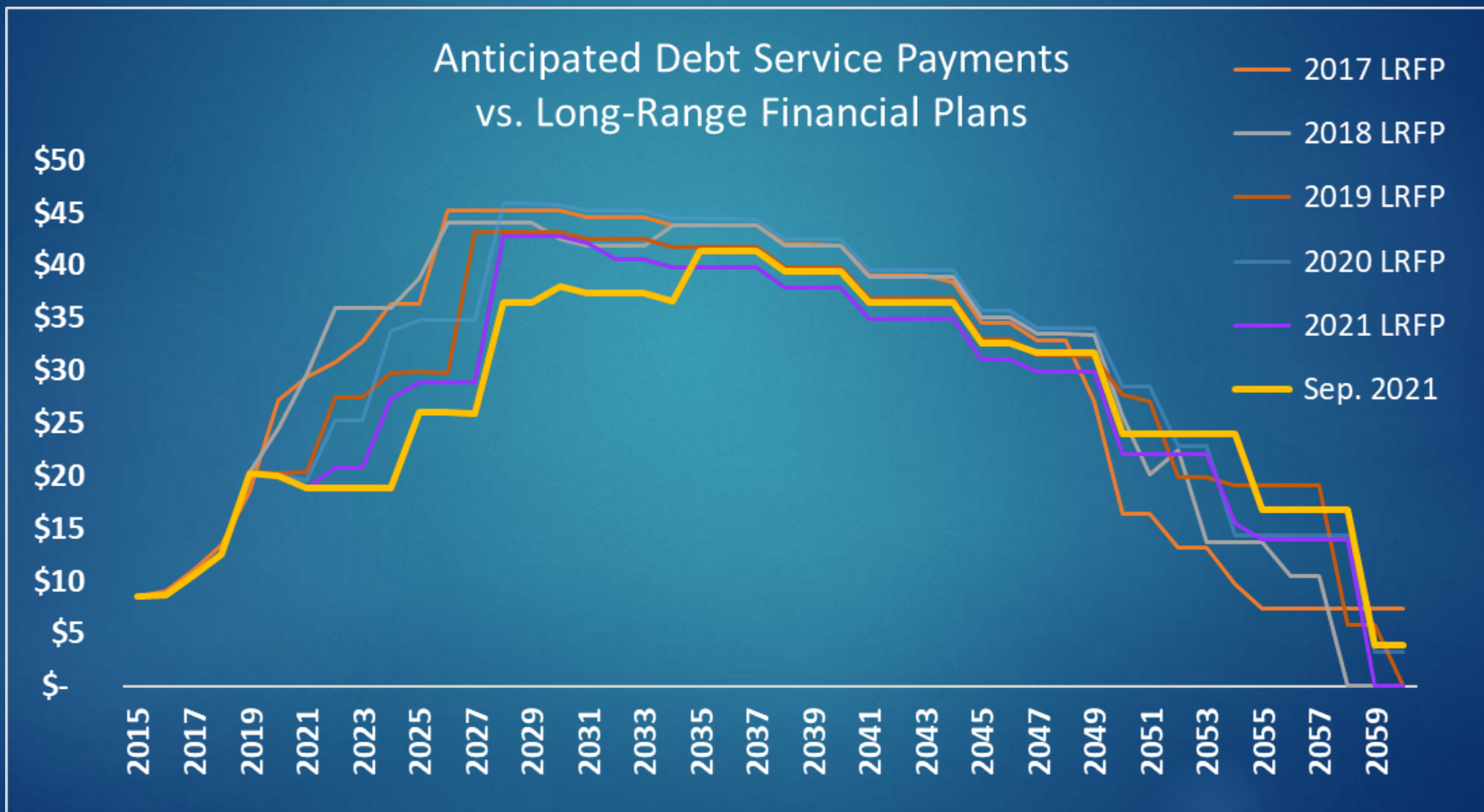
- \$68.9 million, Matures 2024 (2.4 years)
- True Interest Cost = 0.26%
- NPV Savings vs Drawing from WIFIA Loan = \$2.02 million

2021B – Wastewater Treatment Plant

- \$73.84 million, Matures 2026 (4.4 years)
- True Interest Cost = 0.51%
- NPV Savings vs Drawing from WIFIA Loan = \$5.05 million

Final significant debt transaction to fund the current CIP

Updated Debt Service Forecast







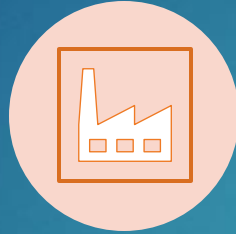
Agenda Item 8A

Public Hearing SVCW Local Limits

SVCW Local Limits



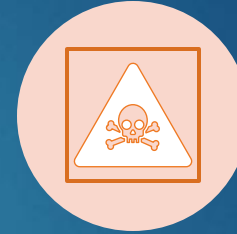
LIMITS CHEMICALS
THAT CAN BE
DISCHARGED TO
THE SEWER



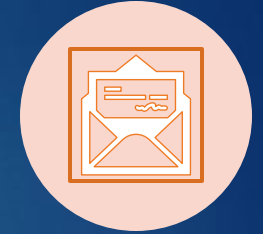
APPLIES TO
INDUSTRIAL
DISCHARGERS IN
OUR SERVICE
AREA



ESTABLISHED BY
SVCW; PROVIDED
TO MEMBER
AGENCIES



LIMITS NEGATIVE
IMPACT ON
WORKER SAFETY &
TREATMENT
PROCESS



ORIGINALLY
ESTABLISHED IN
1990



Industry

Treatment Plant



Irrigation

SF Bay



SVCW Flows Since 1990

- ▶ SVCW service area has changed considerably
- ▶ Industries have left the area
- ▶ More multi-dwelling unit high rises = less water flows
- ▶ Loss of industries & water conservation = drop in flow to SVCW

	1990	2017	2020
Total Flow	20.5 MGD	17.5 MGD	12.6 MGD
Industrial Flow	1.38 MGD	0.23 MGD	0.28 MGD
	83% Reduction		

Local Limits Update



Local Limits Adoption Process



Public Comment Period



Publication in Newspaper

Once a week for two weeks
Minimum 14d < Public Hearing
August 26 and September 02



Public Hearing (today)

2 inquiries received & answered
Open Public Hearing



Approve Modified Local
Limits

October 18 Commission Meeting

Recommendation

Industrial Pretreatment Program Modifications

Open Public Hearing & Receive Testimony

- i. Close Public Hearing
- ii. Submit Report of Comments to Water Board





Agenda Item 8B

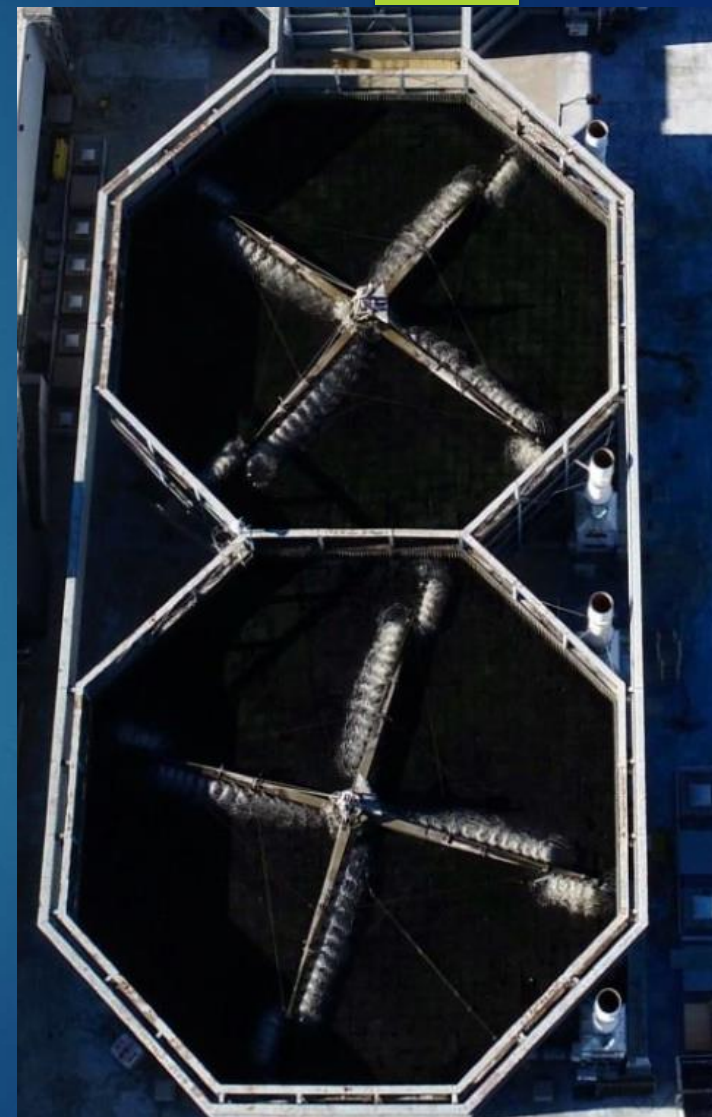


Fixed Film Reactor Rehabilitation Design

Fixed Film Reactors



Critical part of secondary (biological) treatment process
All 3 FFRs in need of rehabilitation
Structural, Mechanical, & Electrical aspects



Fixed Film Reactors - Deterioration

Structural Deterioration



Collapsed Media



Fixed Film Reactor Media



Design Services

- ▶ Preliminary Investigation of Needs
- ▶ Design Decisions:
 - ▶ Type of Media
 - ▶ Pumping Scheme
 - ▶ Odor Control Method
- ▶ Biddable Set of Contract Documents
- ▶ Bid Period Services

Brown & Caldwell Selected after Competitive Process

Recommendation

Approve Design Task Order for Fixed
Film Reactor Rehabilitation Project
(CIP #9242) – Brown and Caldwell



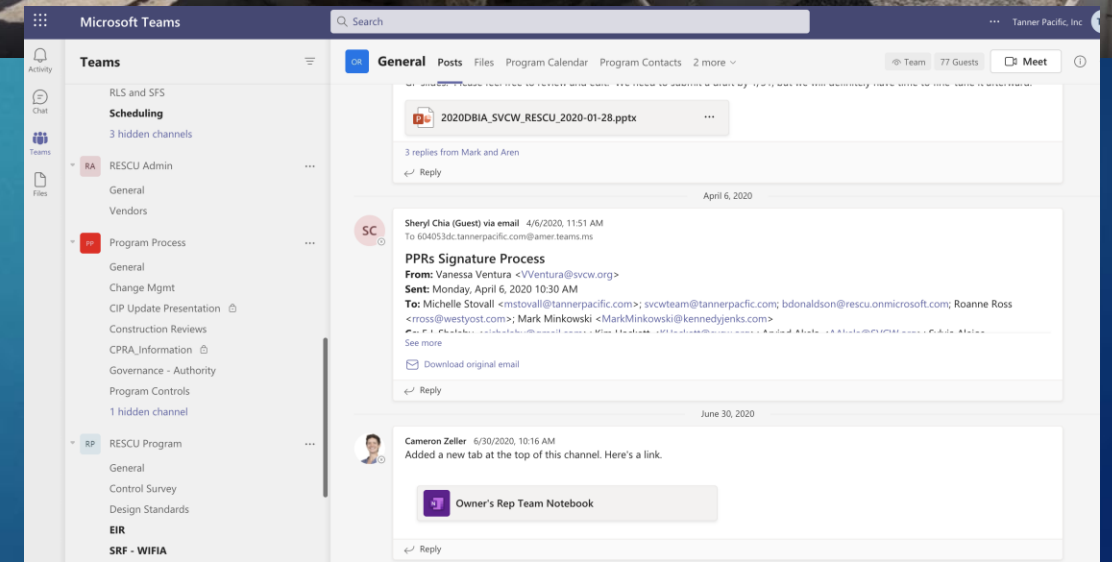
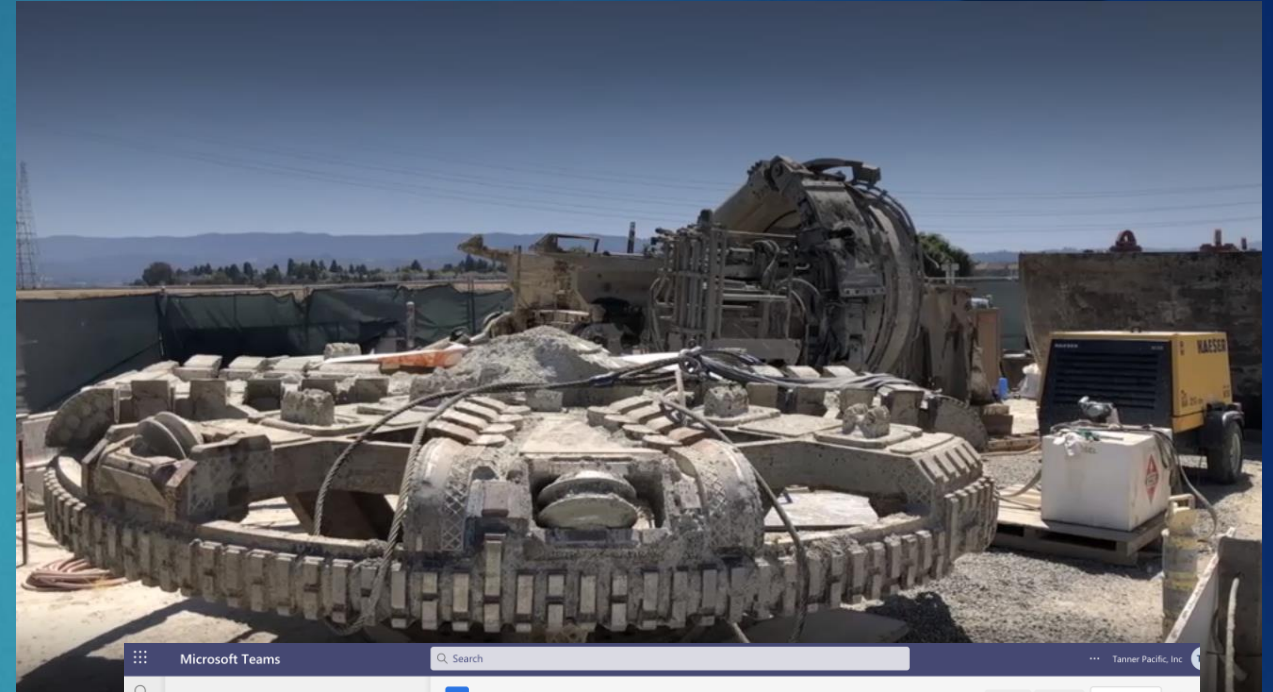
Agenda Item 8C



Gravity Pipeline Construction Quality Assurance

Gravity Pipeline Quality Assurance

- ▶ Multiple Locations of Concurrent Work
- ▶ Two 10-Hour Shifts
- ▶ Deputy Project Manager Role
- ▶ IT Services



Recommendation

Approve Task Order Amendment for
Gravity Pipeline Project (CIP #6008) –
Tanner Pacific Inc





Agenda Item 8D

Commission Meetings

Commission Meetings – Topics

- ▶ Guidelines for In-Person Meetings
 - ▶ Face Coverings
 - ▶ Social-distancing
 - ▶ Additional Protective Measures
 - ▶ "Pelican" Board Room can hold ~15 people @ 6-ft distance
- ▶ Local and State Health Requirements
- ▶ Hybrid Meetings?
- ▶ What if... Governor or Law allows flexibility?



Recommendation

Discuss Return to In-Person
Commission Meetings

1400 Radio Road

SILICON VALLEY CLEAN WATER





Thank You