



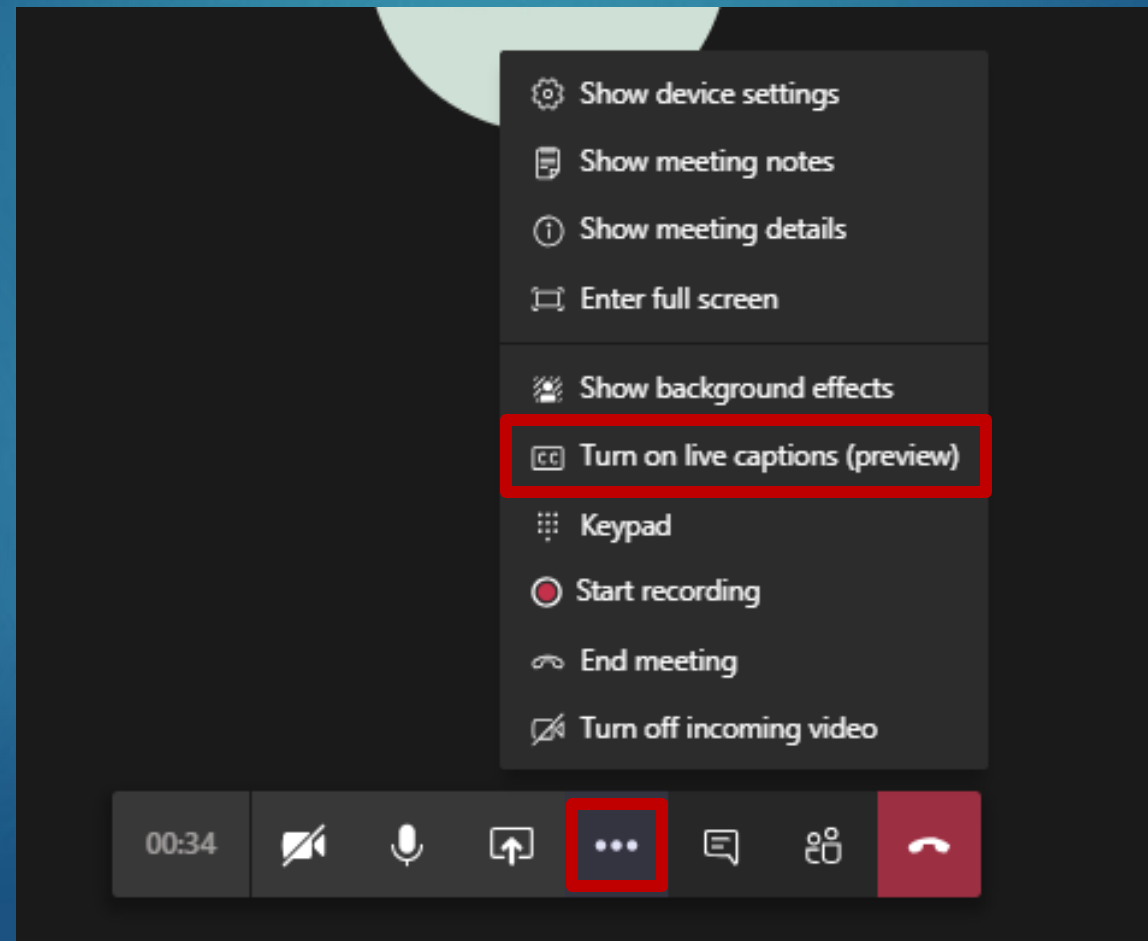
# Silicon Valley Clean Water Commission Meeting

DECEMBER 13, 2021

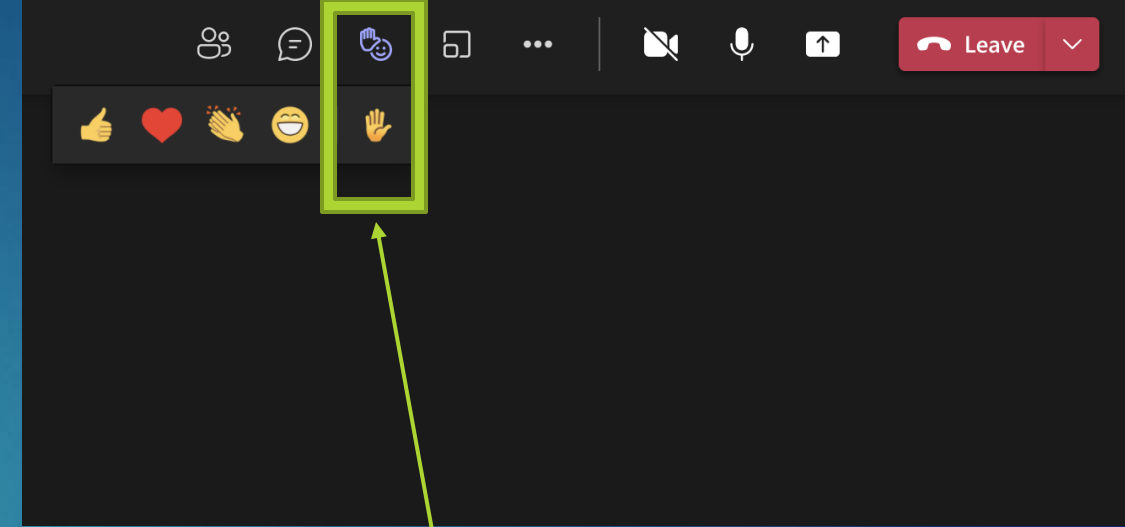


# Turn on Live Captions

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



# Public Comment



- ▶ To provide public comment during the meeting:
  - ▶ Click on raise hand button
  - ▶ SVCW will unmute member of the public
  - ▶ State your name and make your comment
  - ▶ Three minutes is provided for comment
- ▶ If joined via phone:
  - ▶ Unmute yourself and state what item you want to comment on



# Agenda Item 5F

## RESCU Update



# RESCU Update Overview

- ▶ Program Status
- ▶ RESCU Risk Register Process
- ▶ Projected Program Contingency



**RESCU**  
Silicon Valley Clean Water

# RESCU Program Status

RESCU Program is ~ 73% complete

**>> On target for on-time completion <<**

## GP Construction 90% Complete

- Tunnelling completed successfully
- Interior and connecting piping remain

Substantial  
Completion July 2022

## FoP Construction 80% Complete

- Most of the mechanical and electrical work is complete

Substantial  
Completion Sept 2022

## PSI Construction 50% Complete

- RCPS concrete work ongoing
- New generator and roof at MPPS complete
- Microtunneling Belmont Pipe ongoing

Substantial  
Completion Aug 2023

# Risk Register Process

Developed for every project from Day 1 & updated on a regular basis

Initial list can be hundreds of risks

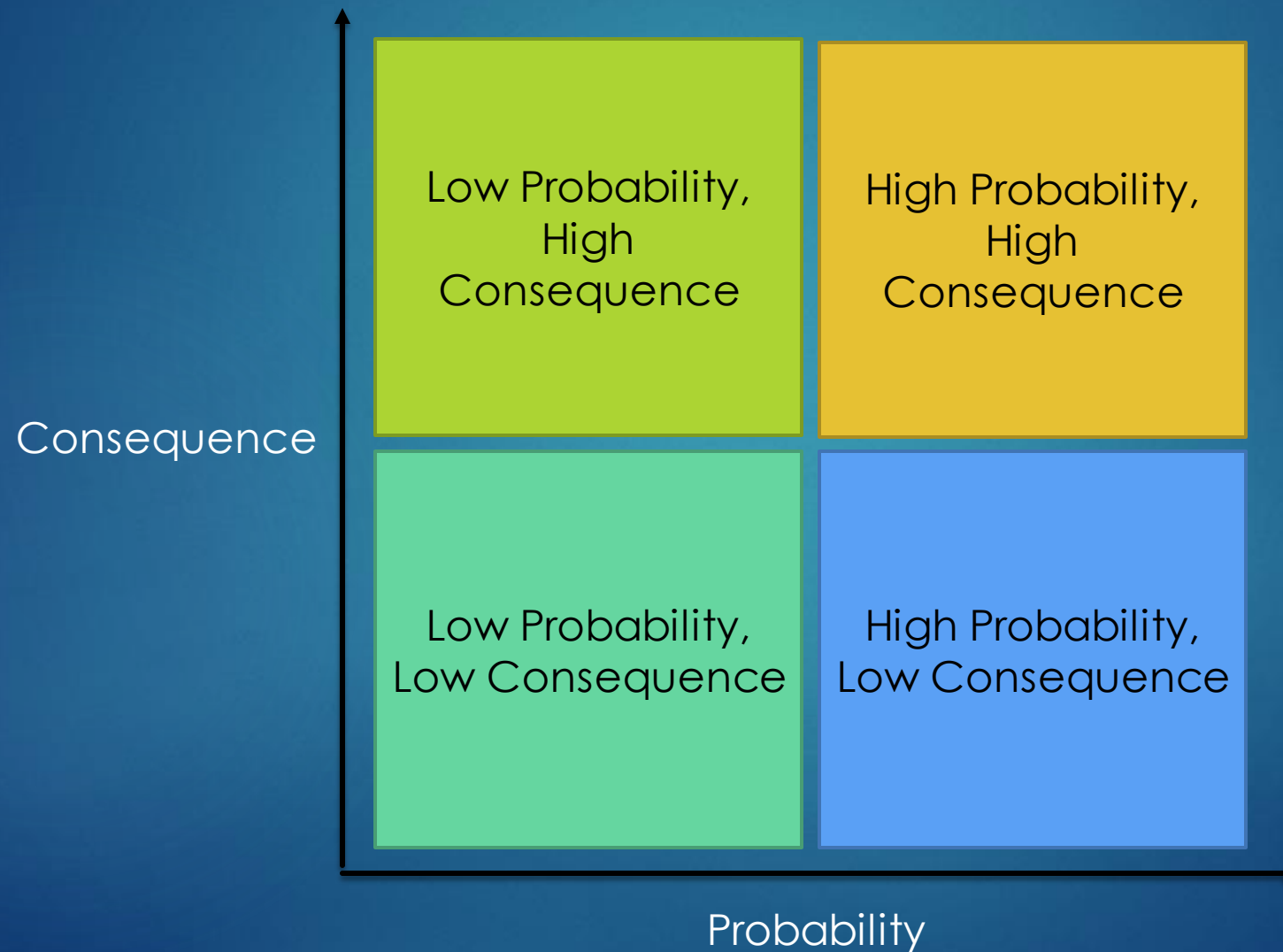
Risk evolves as the project progresses

As design progresses, risks are mitigated, value-engineered away, or addressed in other ways

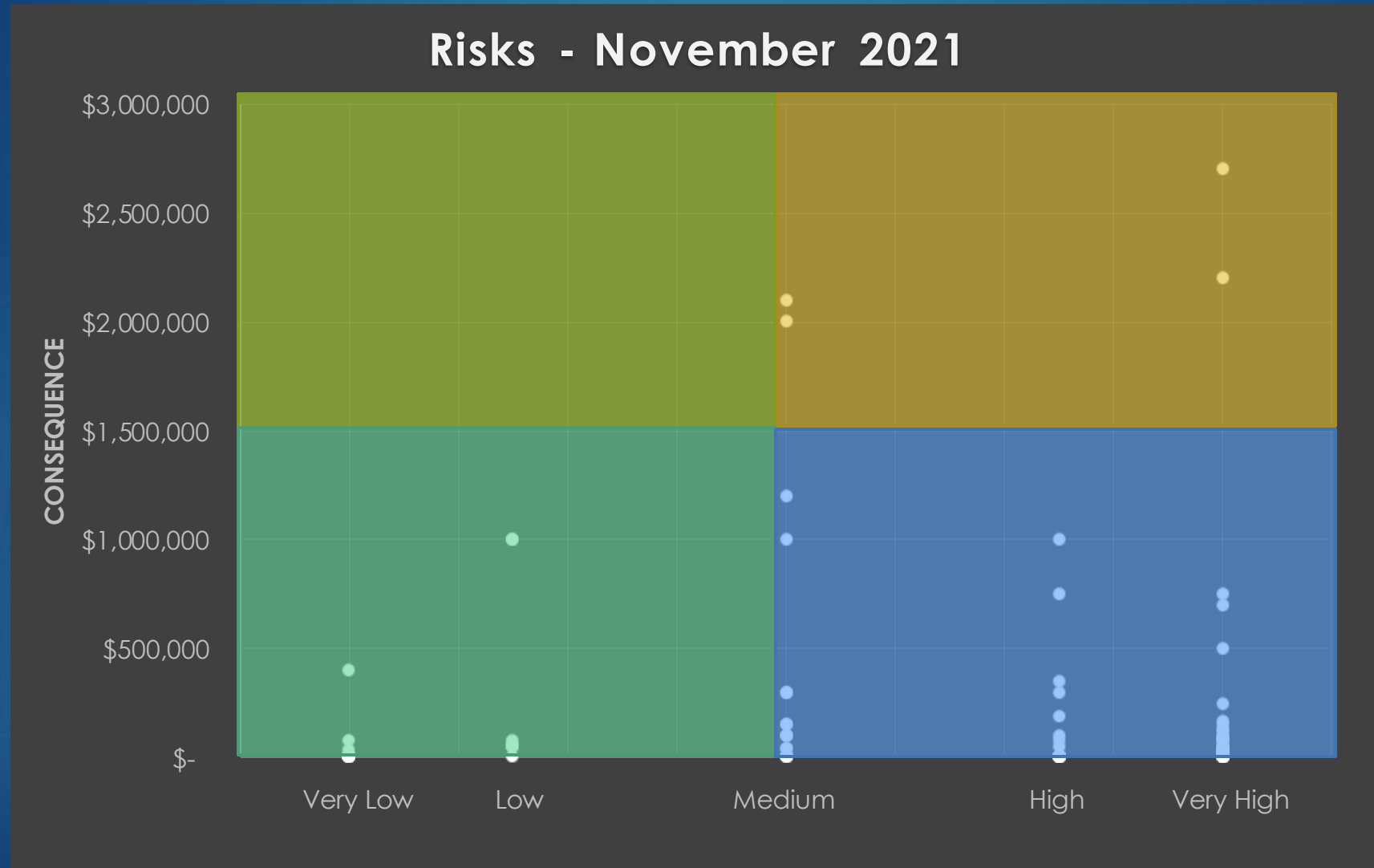
Any risks that persist beyond Stage 2 evolve into Contract Change Orders



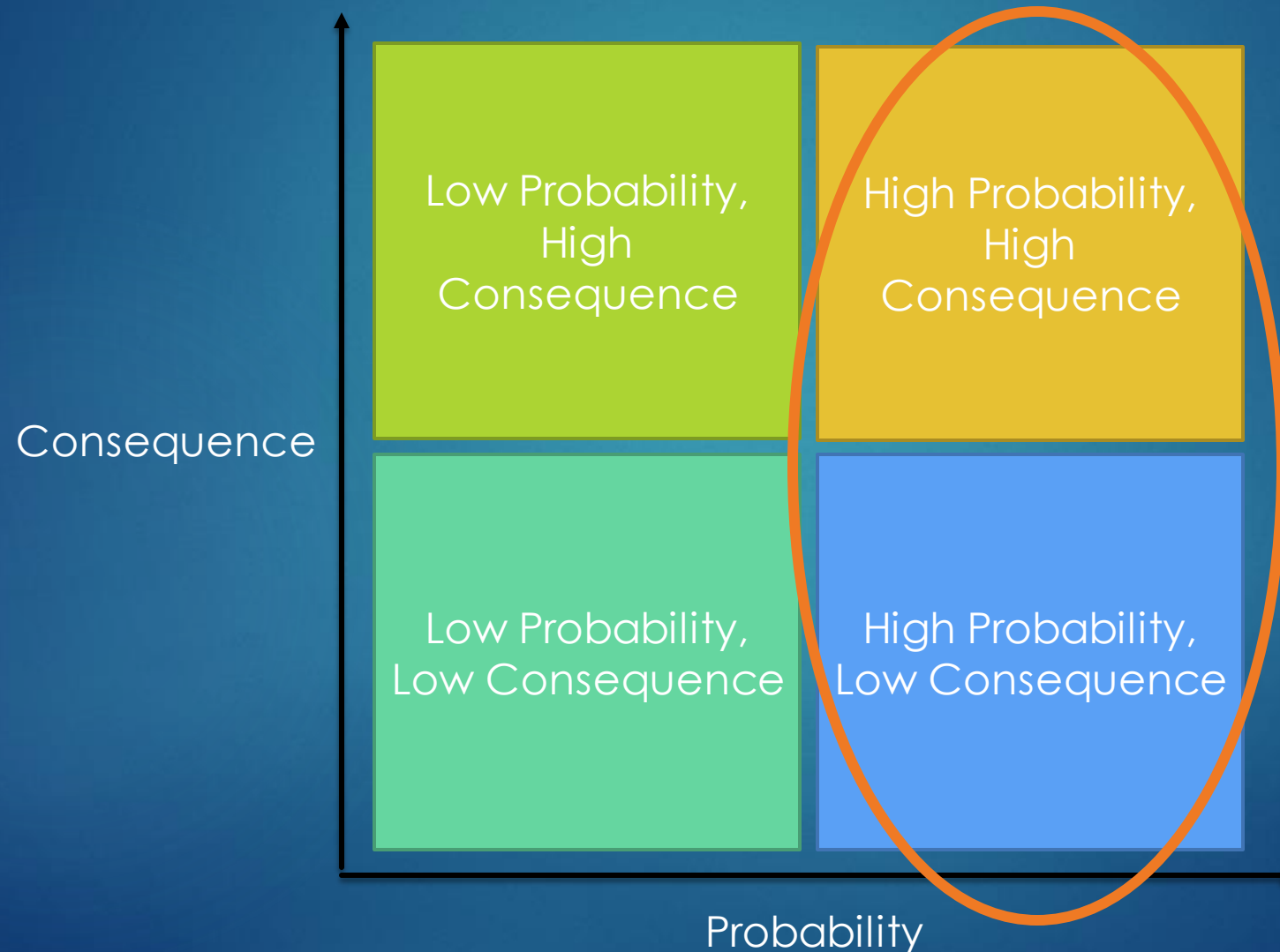
# Risk Register



# Program Risks



# Risk Register Contingency



# RESCU Program Chronology

## 2017 Update

- Commission approves Updated CIP Program
  - Includes estimated RESCU Program 10% Design cost

## 2018 Update

- Numbers were adjusted to mid-year-of-construction dollars

## 2020 Update

- Adjusted contingency to reflect known risks at that time

## 2022 Update

- Update RESCU contingency to reflect current risk register

# Updated RESCU Program - 2022



# Key Takeaways

Since 2017 RESCU Program has:

- Made significant progress towards meeting program objectives

New Program Baseline is:

- Intended to capture known risks
- Scheduled to be completed on time

Progressive Design-Build Allows for:

- Early identification of risks
- Collaborative effort to mitigate or reduce the impacts

Proposed 2022 Projection Includes:

- 3.6% contingency to address current known risks



# January 2022 Commission Meeting

- ▶ Capital Improvement Program Update
- ▶ Long Range Financial Plan Update
  - ▶ Will incorporate CIP Update Values





# Agenda Item 8A

## Remote Commission Meetings

# Commission Meetings Attendance



- ▶ Remote Meetings Allowable
- ▶ Per AB361 Amendment to CA Gov't Code
  - ▶ Waiver of in-person meeting requirements under Brown Act
- ▶ State/Local Officials recommend measures re: social distancing
- ▶ In-Person Meetings pose Imminent Risk to Health and Safety of Attendees
- ▶ Reconsider / Make Findings every 30 Days

# Recommendation

Adopt Resolution Allowing for Remote  
Teleconference Meetings under Emergency  
Conditions related to Covid-19



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# Agenda Item 8B

## 2022 Commission Meeting Schedule

# Discuss & Establish Calendar

Meeting Date	Type of Meeting
January 17, 2022 (MLK Day)	Regular
February 21, 2022 (Presidents' Day)	Regular
March 21, 2022	Regular
April 18, 2022	Regular
May 16, 2022	Regular
June 20, 2022	Regular
July 18, 2022	Regular
August 15, 2022	Regular
September 19, 2022	Regular
October 17, 2022	Regular
November 21, 2022 (Monday of Thanksgiving week)	Regular
December 19, 2022 (Hanukkah/Christmas)	Regular

January						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

November						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

# Recommendation

Adopt Commission Meeting Schedule  
for Calendar Year 2022



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# Agenda Item 8C RESCU Project Contract Change Orders

# Consider 3 RESCU Change Orders

- ▶ One each:
  - ▶ Gravity Pipeline
  - ▶ Front of Plant
  - ▶ Pump Stations Improvements







**Belmont  
Pump Station**

**San Carlos  
Pump Station**

**TBM Pipeline  
Alignment**

**TBM Launch Shaft**

**San Carlos Drop Structure**

**Bair Island Drop Structure**

**Bayshore Freeway (101)**

**Belmont Gravity  
pipeline**

**Redwood Shores Pkwy**

**Island**

**Existing 48"**

**Redwood City**





# Front of Plant Influent Pipeline Repair



- CFRP Wrap has 50+ year life
- Corrosion Protection
- Structural support
- Contract Change Order = \$2.25 million



# Pump Station Improvements Project

Exposing Utilities for Relocation



Excavating Shaft



Differing Site Condition  
Contract Change Order = \$208 thousand

# Recommendations

- i. Approve Contract Change Order to Gravity Pipeline Project for long lead time materials for connecting piping work
- ii. Approve Contract Change Order to Front of Plant Project for Influent Pipeline Repair
- iii. Approve Contract Change Order to Pump Stations Improvements Project for Differing Site Condition – Storm Drain



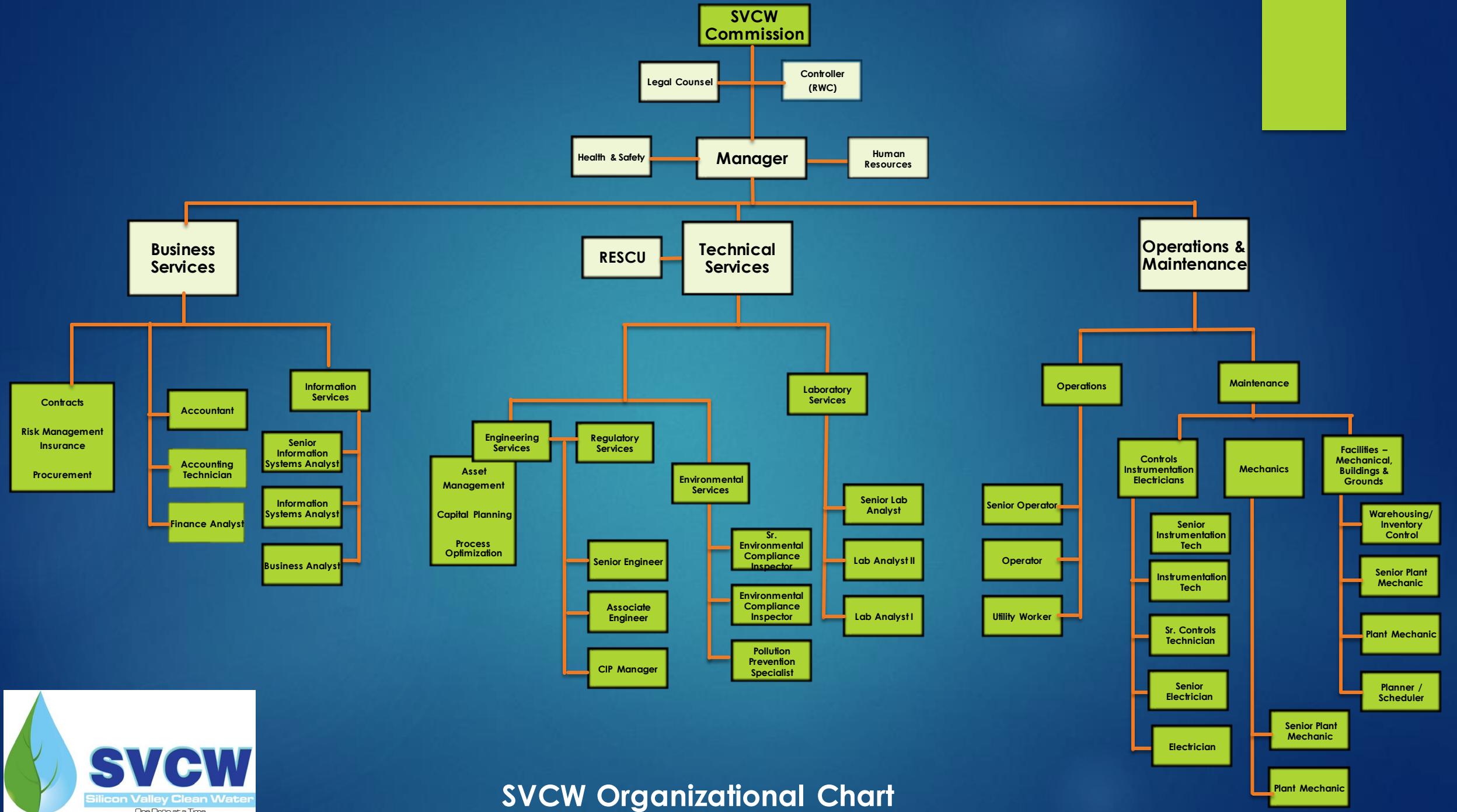


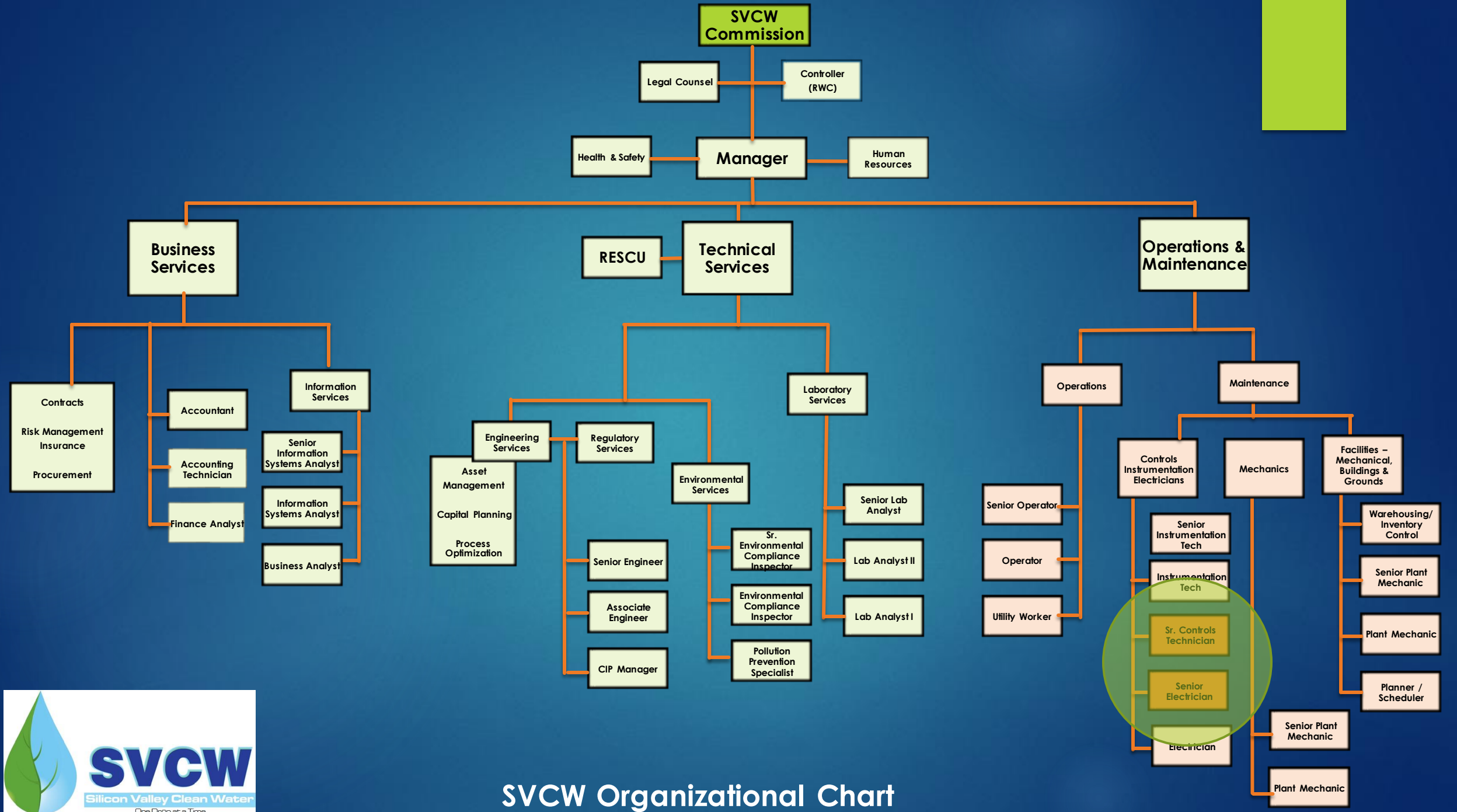


# Agenda Item 8D



## SVCW Staffing Assistance





SVCW Organizational Chart

# Technical Staffing Assistance

- ▶ Industry-wide Staffing Shortage
- ▶ Retirements
- ▶ Criticality for experienced technical staff
- ▶ Operational Technical Services, LLC
  - ▶ Provides a temporary stop-gap solution
  - ▶ Manager/Counsel to finalize agreement

# Recommendation

Authorize Manager to Negotiate Professional  
Services Agreement  
with  
Operational Technical Services LLC



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Thank You