**METRO TAC AGENDA**
**(Technical Advisory Committee to Metro JPA)**

**TO:** Metro TAC Representatives and Metro Commissioners

**DATE:** Wednesday, November 18, 2020

**TIME:** 11:00 a.m. to 1:30 p.m.

**LOCATION:** The health and well-being of the MetroTAC members/alternates and participating staff during the COVID-19 outbreak remains our top priority. The MetroTAC is taking steps to ensure the safety of all involved by holding its September meeting electronically via Zoom.

An e-mail containing information on how to participate in the meeting will be distributed to the MetroTAC members e-mail list and approved San Diego City Staff by Monday, November 16, 2020 at 5:00 p.m. If you do not receive the e-mail, please contact Lori Peoples at lpeoples@ci.chula-vista.ca.us

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1. Review and Approve MetroTAC Action Minutes for the Meeting of October 21, 2020 (**Attachment**)
2. Metro Commission/JPA Board Meeting Recap (Standing Item)
3. **REPORT:** Update from Residuals Management Working Group (Allen Carlisle, Padre Dam MWD)
4. **PRESENTATION:** Point Loma Wastewater Treatment Plant Coastal Erosion Assessment (Keli Balo) (**Attachment**)
5. **PRESENTATION:** Industrial Wastewater Control Program (IWCP) (Joy Newman) (**Attachment**)
6. Metro Wastewater Update (Financial) (Standing Item) (Edgar Patino)
7. Metro Wastewater Update (General) (Standing Item) (Tom Rosales)
8. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung)
9. Pure Water Program Update (Standing Item) (John Stufflebean)
10. Pure Water Phase II Update (John Stufflebean/Doug Owen)
11. Financial Update (Standing Item) (Karyn Keese)
12. **REPORT**: Industrial Wastewater Control Committee Update (Standing Item) (Beth Gentry)
13. **REPORT**: IRWMP Update (Standing Item) (Beth Gentry)
14. **REPORT**: Update on Plan B Working Group (Eric Minicilli)

15. MetroTAC Work Plan (Standing Item) (Roberto Yano) (**Attachment**)

16. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**December 3, 2020**)

17. Other Business of Metro TAC

18. Adjournment (To the next Regular Meeting December 16, 2020)

**Metro TAC 2020 Meeting Schedule**

| | | |
|---|---|---|
| January 15 | May 20 | September 16 |
| February 19 | June 17 | October 21 |
| March 18 | July 15 | November 18 |
| April 15 | August 19 | December 16 |

# ATTACHMENT 1

# ACTION MINUTES FOR THE MEETING OF OCTOBER 21, 2020

**Metro TAC**
(Technical Advisory Committee to Metro Commission/JPA)

**ACTION MINUTES**

**DATE OF MEETING:** October 21, 2020

**TIME:** 11:00 AM

**LOCATION:** Zoom Meeting held On Line

**MEETING ATTENDANCE:**

Roberto Yano, National City
Beth Gentry, Chula Vista
Frank Rivera, Chula Vista
Ed Walton, Coronado
Joe Bride, Del Mar
Yazmin Arellano, El Cajon
Dennis Davies, El Cajon
Eric Minicilli, Imperial Beach
Hamed Hashemian, La Mesa
Mike James, Lemon Grove
Steven Beppler, Otay WD
Bob Kennedy, Otay WD
Mark Niemiec, Padre Dam MWD
Eric Heidemann, Poway
Jessica Parks, Poway
Angela Martinez, Poway
Dan Brogadir, County of San Diego

John Stufflebean, City of San Diego
Tom Rosales, City of San Diego
Charles Modica, City of San Diego
CS Williams, City of San Diego
Craig Boyd, City of San Diego
Joy Newman, City of San Diego
Edgar Patino, City of San Diego
Tung Phung, City of San Diego

Doug Owen, Stantec

Dean Gipson, HDR

Nicholaus Norvell, BBK Assistant General Counsel
Dexter Wilson, Wilson Engineering
Carmen Kasner, NV5
Scott Tulloch, NV5
Karyn Keese, the Keze Group
Lori Anne Peoples, MetroTAC

1. **Review and Approve MetroTAC Action Minutes for the Meeting of September 16, 2020**

   **ACTION:** Motion by Eric Minicilli, seconded by Beth Gentry, the Minutes be approved. Motion carried unanimously.

2. **Metro Commission/JPA Board Meeting Recap**

   MetroTAC Chair Roberto Yano provided a brief update on the October 1, Metro Comm/Metro Wastewater JPA board meeting noting that the JPA approved the deletion of the Zoom meeting videos after 30 days with the audio to remain; Asst. General Counsel Nick Norvell provided a high level overview of the Ad Hoc Meeting on OPRA II focus; Scott Tulloch, NV5 spoke regarding the committee review and stated that in general most of the changes that had been made were consistent with what was wanted except for 4 items that

needed further review. He had met with the representative of the San Diego Mayor Faulkner's Office and Tom Zeleny, prior San Diego Assistant City Attorney who came back to assist in the review. They are meeting with Congressman Peters and his staff regarding the changes and Congressman Peters seems to be receptive to the items identified by the Ad Hoc and discussed. The next steps are anticipated House action after the election.

**3. REPORT: Update from Residuals Management Working Group**

Mark Niemiec of Padre Dam Municipal Water District provided a brief update on the Residuals Agreement, noting that the final form of the agreement had been agreed to by the City of San Diego and the East County Pure Water JPA. He noted that there were still a few TAC/JPA clarification questions and that Roberto and his team with Allen Carlisle of Padre Dam MWD/ECPA JPA and the City of San Diego would be getting together to discuss those items. The goal of the East County JPA is to get the agreement before the City of San Diego Environmental Committee on November 19th. Once approved by them and after the City of San Diego approved the Residual agreement, Padre Dam has authority and will sign the Amended/Restated Agreement.

**4. PRESENTATION: Summary of April 10, 2020 City of San Diego Sanitary Sewer Overflow Incident**

MetroTAC Chair Yano requested the members ask any questions they may have during the presentation and noted that they will have an opportunity to discuss the item under Agenda Item 19.

Tom Rosales, Assistant Director Public Utilities Department, City of San Diego introduced consultant Dean Gipson of HDR and stated they would jointly present the item.

Mr. Rosales started off with an overview of the incident covered in the Power Point presentation attached to the agenda. He noted that 11.23 million gallons had spilled on April 10, 2020 at the Sweetwater Overflow Structure at the South Metro Interceptor. 31 city trunk lines feed into it and about 10 others trunk sewer lines from the participating agencies. The set of circumstances that led to the spill were the series of large storms during the week leading up to April 10 and abating on the 11th; the ground became saturated and led to infiltration into the sewer system; pump station 1 had a pump out of service on that day until 8 pm; a blockage was found in barrel #2 so the siphon had limited capacity that day and lastly there was tidal inflow from the Sweetwater River into the overflow structure. He then provided images of the South Metro Interceptor and South Siphon Transition Structures with duck bills that allow water flow. Built in 1971 and designed to intentionally have an overflow at this location to preserve the pump station from getting overwhelmed and keeping from overflowing into the community. He then reviewed an image of the river siphons cross sections that are under the Sweetwater River. As the barrels fill the flow goes to the next barrel.

Mr. Rosales continued by providing the modeling/calculations that led them to the 11.23 million gallons of spill. They were unaware of the spill until a few days after the spill. They have an established procedure to go back and review flow data after large storms. So a few days after April 11th they went back to their data they normally collected from the trunk sewers which have meters on them for the flow they are producing into the line. That is when they determined there had been a spill and that the spill started at about 12:45 p.m. on

the 10th. They had gotten the pump at Pump Station 1 working at 8 p.m. and the spill was alleviated at about a quarter after midnight.

Mr. Rosales then provided the actions they had been required to take after the spill due to their regulatory obligations including submitting of a report to the regional board who subsequently requested a technical report a copy of which was provided the members of the TAC in mid June. They also went out and did sonar evaluations and this is when they determined Barrel #2 was blocked and removed the blockage and cleaned all other barrels as well. They replaced the level sensor that had failed and put in a redundant secondary one. They did sonar and cleaning and reviewed all siphons throughout the entire system. They are working on repairs to the concrete around the duckbill valves to stop inflow at high tides. Lastly, they are reviewing all internal procedures as to how they record and use information and rain events and how they operate as they do not want to repeat the issues they had.

Dean Gipson provided a schematic of the South Metro Interceptor System and explained the components and how it functions. He explained how they calculated the flow. They calculated what the flow should have been and what it actually was measured at and this is how they determined the volume of the flow spill at 11.23. They then confirmed the time of the spill by using the wastewater level at the Sweetwater structure.

Tom Rosales also explained the sampling they had to do to determine the impacts to the environment throughout the surrounding area and this would determine if any additional sampling was required. Based on the information they gathered and presented, the County Department of Environmental Health determined no additional sampling was needed.

Lastly he restated that in June they had submitted the technical report to the State who then issued a Notice of Violation and an Investigative Order to the City and asked for a Substantive Response which has been submitted.

**5. Consideration and Possible Action to Recommend to the Metro Commission/Metro Wastewater JPA Approval of the JCI Jones Chemicals, Inc. Contract for Sodium Hypochlorite 12.5% Solution**

Craig Boyd, Interim Deputy Director Wastewater Treatment and Disposal, City of San Diego provided a brief overview of the staff report included in the agenda package. This item is to go to the City of San Diego Environmental Commission in November and the San Diego City Council in December.

**ACTION:** Motion by Hamed Hashemian, seconded by Beth Gentry, the item be approved to forward to the Metro Commission/Metro Wastewater JPA. Motion carried unanimously.

**6. Consideration and Possible Action to Recommend to the Metro Commission/Metro Wastewater JPA Approval of the 2021 Metro JPA/MetroTAC Meeting Calendar**

MetroTAC Chair Yano provided a brief overview of the item noting this is an annual action wherein TAC approves and then the JPA accepts.

**ACTION:** Motion by Yazmin Arellano, seconded by Ed Walton, the item be approved to forward to the Metro Commission/Metro Wastewater JPA. Motion carried unanimously.

**7. REPORT: Update from the Industrial Wastewater Discharging Permit Working Group**

Beth Gentry, City of Chula Vista and Chair of the IWDP working group provided the following report:

IWCP: Industrial Wastewater Control Program Committee Update at October 21, 2020 Metro TAC

Attendees. The Industrial Wastewater Control Program Metro TAC Committee met on October 12, 2020, with the following attendees Beth Gentry (Chula Vista), Yazmin Arellano-Torres (El Cajon), Mark Niemiec (Padre Dam), John Stufflebean (San Diego), Charles Modica (San Diego), Joy Newman (San Diego) and Dexter Willson (Willson Engineering). Absent was Ed Walton (Coronado).

Invoice & Back billing. The recent Industrial Discharge fee invoices were issued to the Participating Agencies (PA) and represented the current year's invoice (FY20) and three years of back billing. Fees represented permit administration fees and/or monitoring fees depending on whether each individual PA has set up their billing with San Diego (through the PA or direct to the permit holder). Future invoices will be issued regularly and are expected in October representing the prior year. Discussions were initiated to standardize the billing with the PA's. This may be formalized in the next Amended and Restated Agreement.

Audits. The Industrial Wastewater Control Program received an audit in 2013 and a follow up audit in 2019. There were several findings but of significant discussion was the cost recovery which is 15% of the total costs. The component not covered through the permit administration fees and monitoring fees is recovered through SD's Municipal Customers.

The next step in addressing the cost recovery is underway which is San Diego's cost of service study which is its final stages and expected to be completed Jan. 2021. Metro TAC will receive a presentation a month prior to the Cost of Service Study going to San Diego's City Council.

Costs will remain unchanged until an agreement is reached with the PA as the costs could translate into increases on the order of ten times to current permit holders. It was noted that San Diego is looking at pulling the program costs out to see if there is an overall benefit that can be applied via the Metro costs. These are not finalized but are being reviewed as part of the Cost of the Service Study.

Military Billing. Several military sites requested standardized billing. Dexter Willson will have the sites not being billed through San Diego contact Joy Newman for further coordination. This topic was removed from further committee discussion.

Local Limits. The local limits study will be completed, and current permits evaluated for compliance with the results. The study is estimated to take about 1 year and the implementation 1 year after that.

New Name is Industrial Wastewater Control Committee to match up with the name of the program in the City of SD.

MetroTAC Chair Yano requested a general presentation on this at then next MetroTAC and JPA agendas. Tom Rosales, City of San Diego confirmed this would be done.

**8. Metro Wastewater Update (Financial)**

Edgar Patino deferred to Charles Modica who stated there was no update.

**9. Metro Wastewater Update (General)**

Tom Rosales, City of San Diego reported that the Pt. Loma Wastewater Treatment Plant condition assessment is still underway with a field investigation to mid-November and the report will come in late January and they will hold a workshop to review the findings. The information is being gathered for planning purposes for both short and long term projects.

He then reported on the erosion assessment of the entire coast area noting it was complete. There is lot is going on out on the coast and they will share this information with TAC shortly. They are looking at what to do with the southerly access to the plant which has a lot of erosion and so they are talking with the National Park Service and the Navy to the north where they have an emergency access as they have property around the plant build short and long term plans to maintain access.

The State Water Resource Control Board reached out to the Mayors Office. They want to put in a phased sampling data project to trend and understand effects of covid and other viruses within the community. The information gathered would eventually go to the CDC.

Dexter Wilson requested a copy of the erosion report and requested that a presentation be made to TAC. Tom Rosales, City of San Diego stated they would do both.

**10. Metro Capital Improvement Program and Funding Sources**

Tung Phung, City of San Diego provided a brief verbal overview of the report attached to the agenda including: FY 2020 Wastewater Forecast vs. Actual Expenditures (unaudited); details of the 10 projects for the fiscal year;

Steve Beppler inquired as to the 2021 projects coming forward and what the budget will look like. Tung stated that at the first quarter meeting for FY 21 he could provide what future projects they will have.

**11. Pure Water Program Update**

John Stufflebean, City of San Diego reported that everything in Phase I was coming together; the permit was received in May for discharge into Miramar; loan was reduced by $300 million; OPRA II is moving forward; last week they got 2 bids opened – the first was the Pure Water facility 77% of the Engineers Estimate ($100 Million savings on the North facilities) and the second, the north third of the Marina Pipeline was 91% of the Engineers Estimate ($10 million savings).

**12. Pure Water Phase II Update**

Mr. Stufflebean stated there was not a lot to report. They are looking at how to incorporate the new information being received at Pt. Loma erosion into the cost to build.

Mark Niemiec requested John provide the Engineering Estimate and Bid info to Lori to distribute to the TAC PAs after validation.

**13. Financial Update**

Karyn Keese reported that except for 1 memo they have completed the 2019 Audit; she and Dexter Wilson have completed their review and Dexter has validated Karyn's concerns. Additionally, Karyn has sent Nicholaus Norvell, Asst. General Counsel a packet on a settlement that happened in 2018 and was picked in the 2019 audit that no one knew about between the City of San Diego and a third party energy entities relating to cogeneration facilities in the North Cities. The settlement was billed to the Metro Systems so he has some follow-up to do and is now waiting for answers. Lastly, Karyn stated she was glad to hear from Tung that the live stream discharge is being eliminated as it has raised a lot of questions and she thanked Dexter and Nick for their assistance on the audit items she was feeling uncomfortable about.

**14. IRWMP Update**

Beth Gentry, City of Chula Vista and MetroTAC representative provided the following update:

The Integrated Regional Water Management (IRWM) Regional Advisory Committee (RAC) met on October 7, 2020.

Nancy Vogel, Director of the Governor's Water Portfolio Program California Natural Resource Agency, presented on the 2020 Water Resilience Portfolio which is the blueprint for water during Governor Gavin Newsom's term in office. The focus is on local agency control and reliability and resiliency. There are 142 actions identified. With the state currently in (est. $54B) due to COVID expenses, after entering the year in January with a surplus (est. $6B), the focus is regional coordination with few to no state resources. Further information can be found at this website: waterresilience.ca.gov.

The RAC continued to discuss the future of the IRWM program including changes to ease grant application and administration requirements for underrepresented communities, how SDIRWM can best encourage the state to make changes, and determination factors for disadvantaged communities. Additionally, the RAC is proposing to add a new non-voting position to the board and a new voting position (32$^{nd}$ seat) in 2021.

Further information on grant status can be found at the SDIRWM website: sdirwmp.org.

**15. <u>REPORT</u>: Update on Plan B Working Group**

Vice MetroTAC Chair Minicilli stated that the working group is becoming more irrelevant as Padre Dam/ECPWJPA is moving forward on completion of their agreement with the City of San Diego. They have a meeting scheduled for tomorrow and will keep pressing until all are

signed up.

**16. MetroTAC Work Plan**

Metro TAC Chair Yano stated it has not yet been updated but he will be working with Karyn Keese who is recovering from eye surgery to get it updated as soon a possible.

**17. Review of Items to be Brought Forward to the Regular Metro Commission/Metro Wastewater JPA Meeting November 5, 2020**

Items 3, 4, 5 & 6 will move forward.

**18. Other Business of MetroTAC**

There was none.

**19. <u>DISCUSSION</u>: Potential Closed Session Item for Upcoming Metro JPA Meeting (Participating Agency Representatives only - all others were requested to leave the meeting after being thanked for their reports)**

**20. Adjournment to the Next Regular Meeting November 18, 2020**

There being no further business, MetroTAC Chair Roberto Yano adjourned the meeting at 1:55 p.m.

# ATTACHMENT 4

# PLWTP
# Coastal Erosion
# Assessment

Jacobs Challenging today. Reinventing tomorrow.

# Point Loma Wastewater Treatment Plant

## Coastal Erosion Condition Assessment

## Metro TAC Meeting

*November 18, 2020*

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# Agenda

- Project Overview
- Motivation: Assets at Risk
- Tasks Overview
  - Task 2 - Collection of Information
  - Task 3 - Site Characterization
  - Task 4 - Condition Assessment
- Condition Assessment Results
- Preliminary Recommendations

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# Project Overview

Point Loma,
San Diego,
California

Cabrillo Road, only access road, owned by NPS

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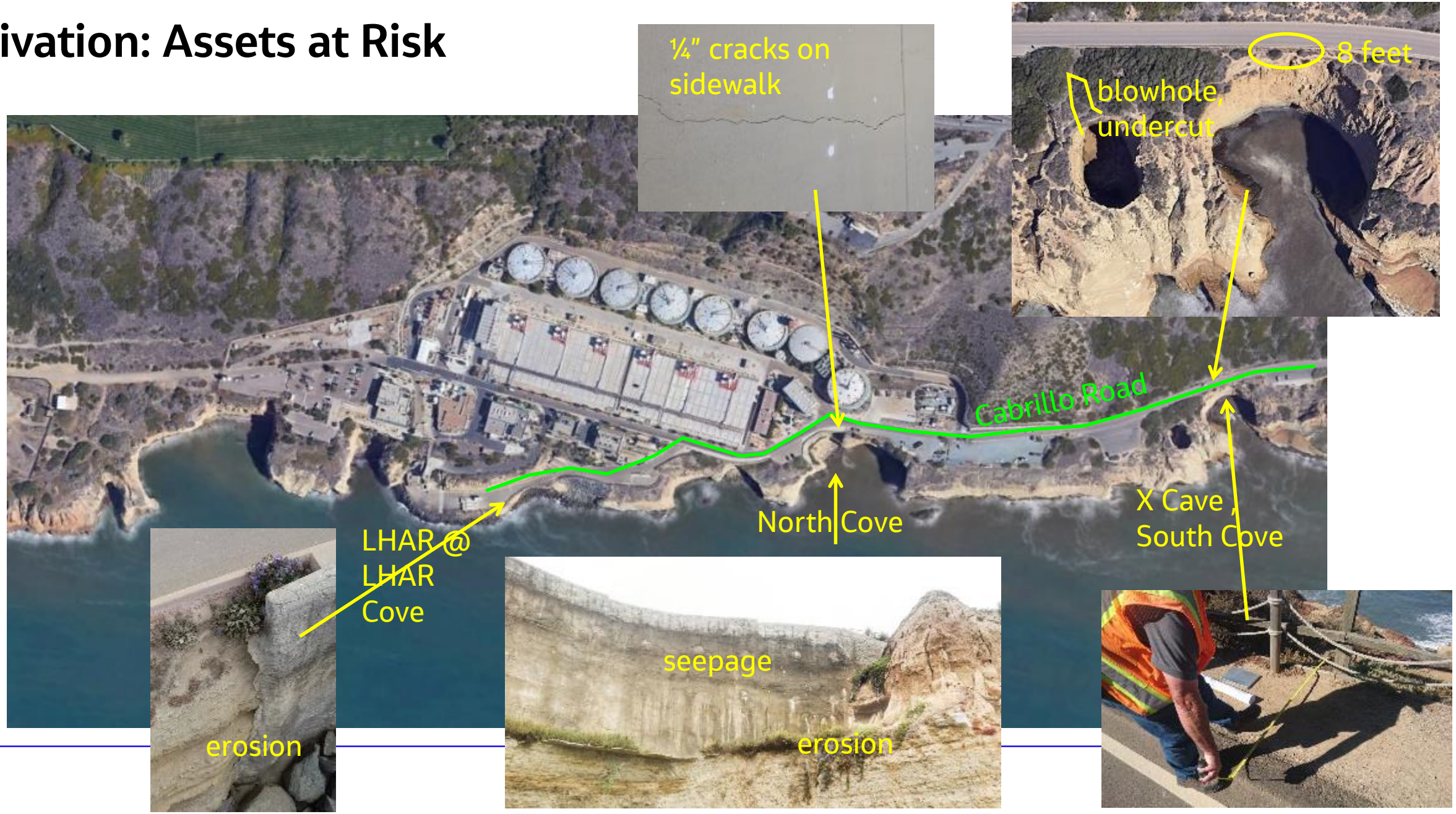
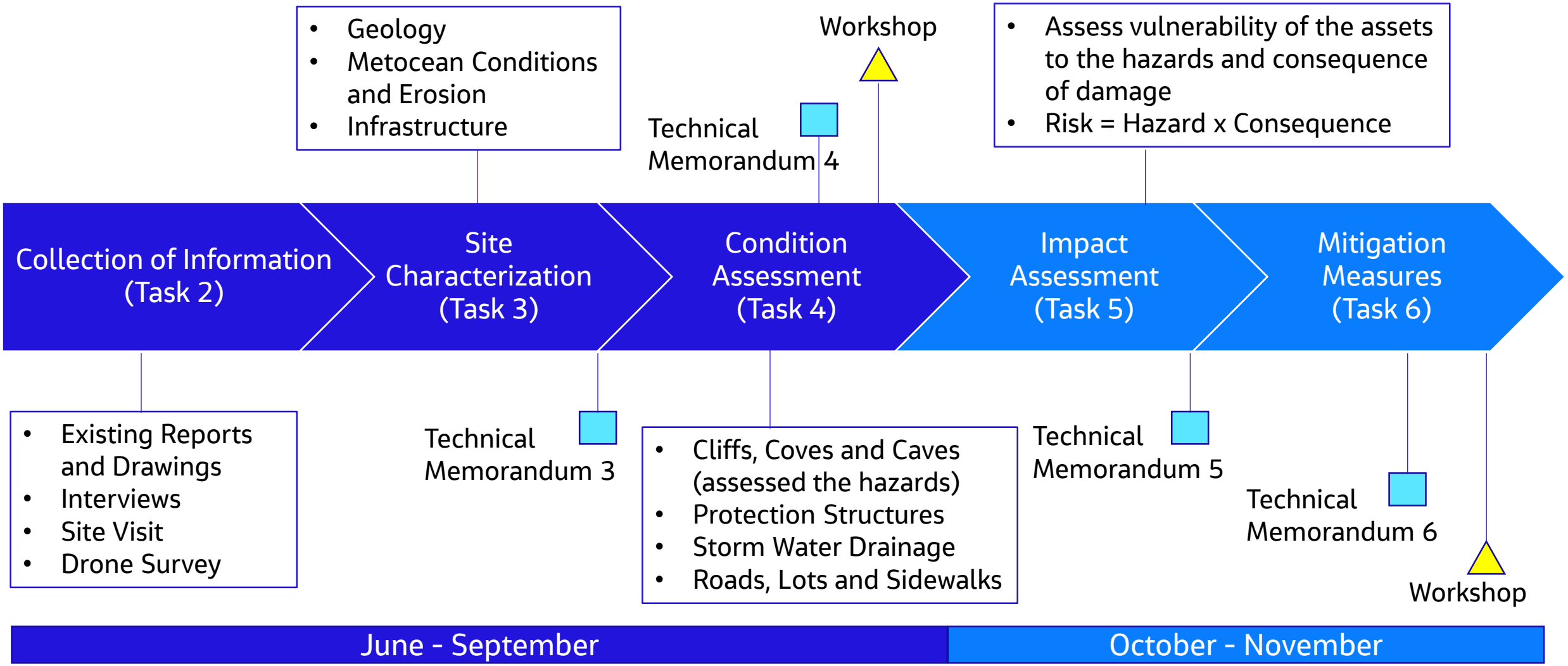
# Motivation: Assets at Risk



# Tasks Overview



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# Task 2 - Collection of Information

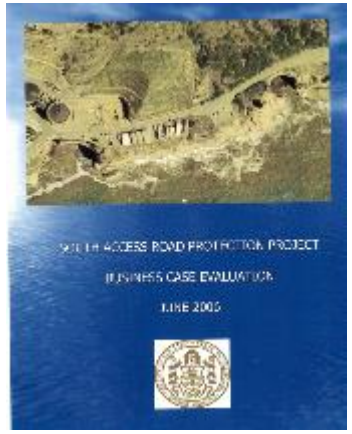
Site Visit and Staff Interviews, June 9-10

Staff Interview, June 16

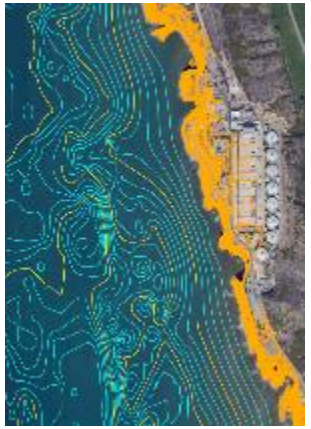
Drone Survey, August 25-26

June → July → August

Existing Information Review



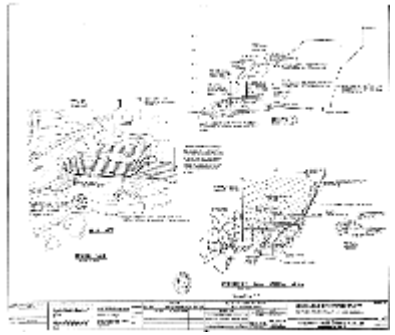
Reports



Topo/bathymetry

Wave hindcast

Cliff retreat estimates



As-builts



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# Task 3 - Site Characterization

**Geology**

- Topo/bathymetry
- Cliffs, caves and coves
- Hydrogeology
- Faulting and seismicity

**Metocean Conditions**

- Wind, waves, currents, water levels
- Rainfall
- Surface water runoff
- Coastal erosion

**Infrastructure**

- Roads
- Protection structures
- Drainage
- Lots and sidewalks

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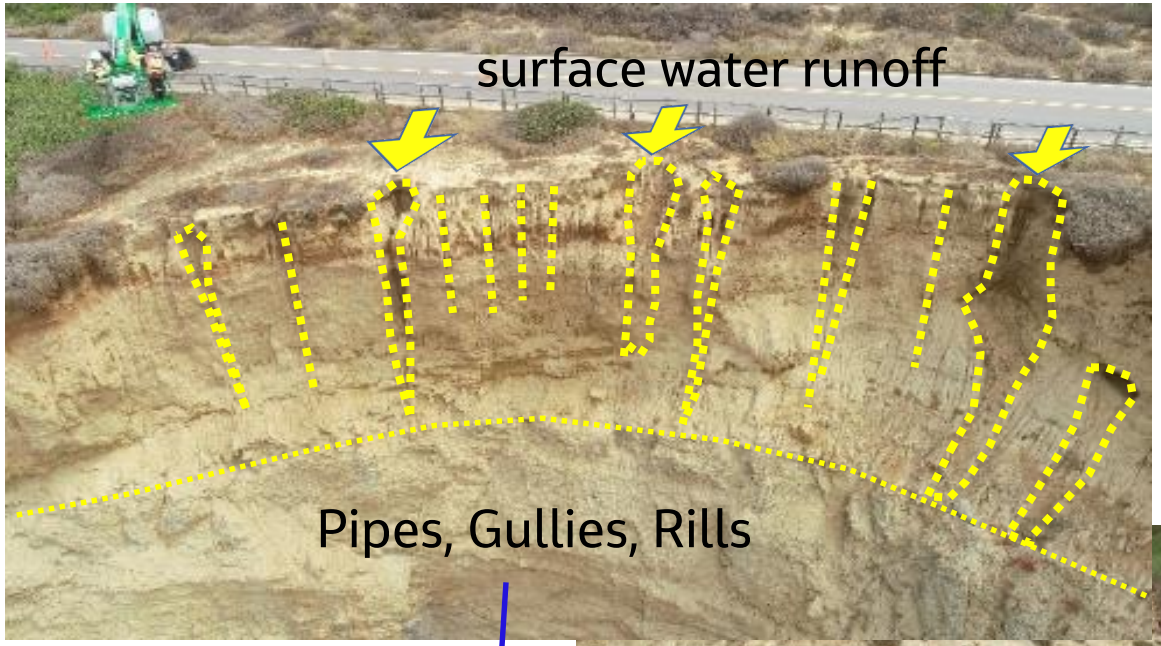
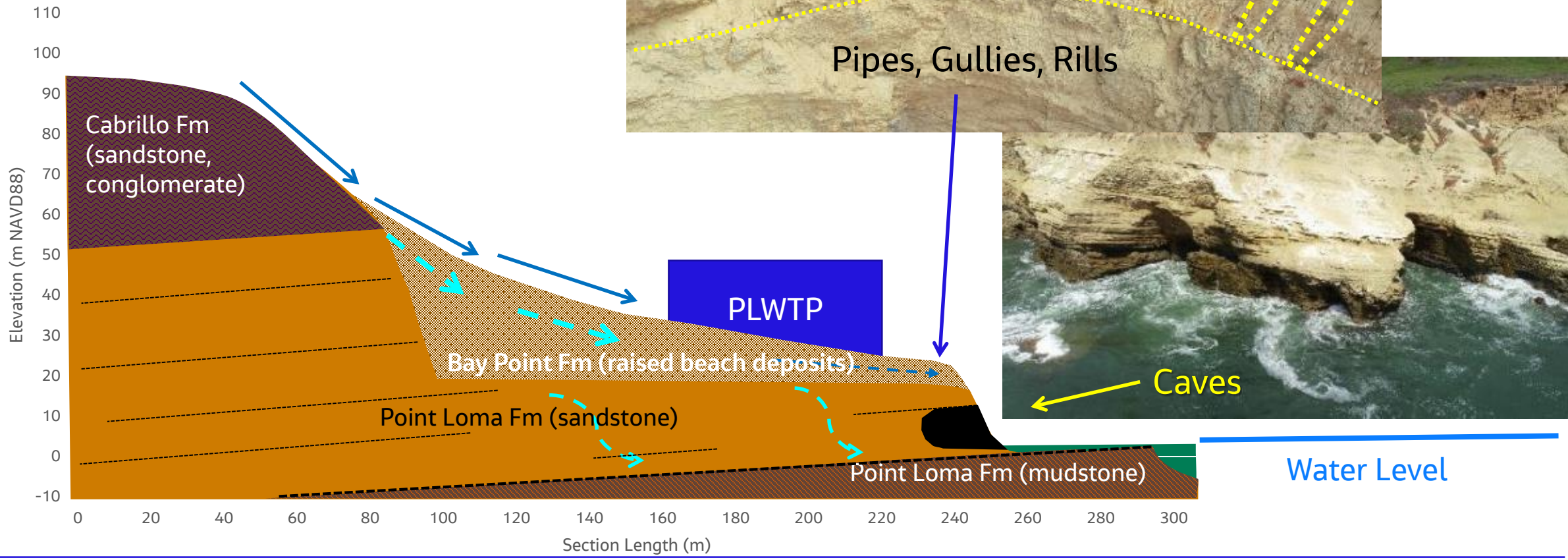
# Geology Conceptual Model









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# Task 4 – Condition Assessment
# Cliffs, Coves and Caves

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# Task 4 – Condition Assessment
# Protection Structures

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# Task 4 – Condition Assessment
# Storm Water Drainage

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# Task 4 – Condition Assessment
# Roads, Lots and Sidewalks

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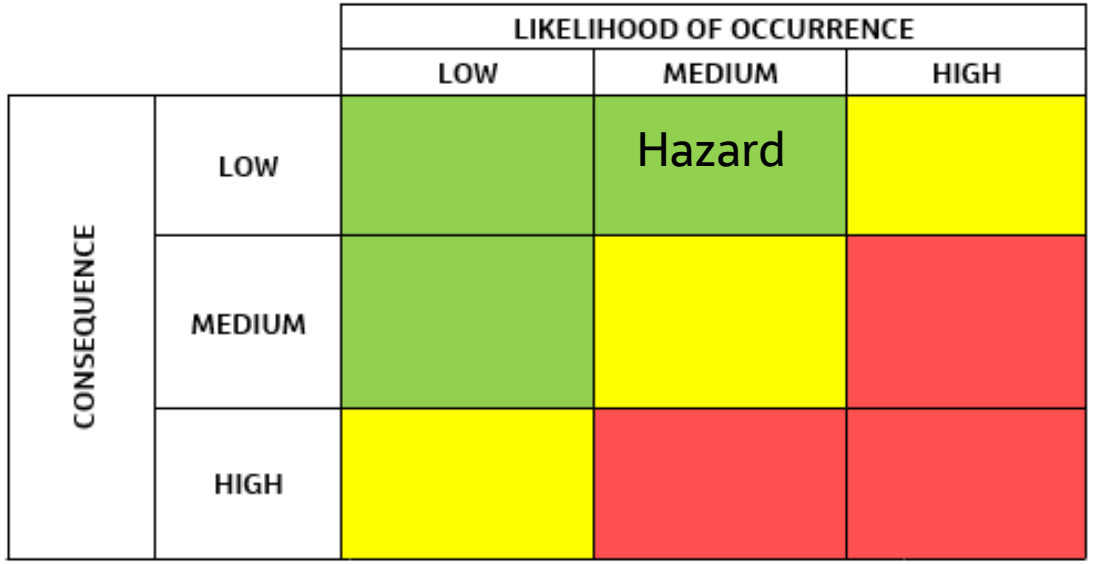
# Condition Assessment Results

# Risk Assessment

RISK = HAZARD x CONSEQUENCE

- Hazard Assessment
  - Hazard: projected behavior of caves, coves and cliff. Cliff retreat or cave roof collapse, magnitude and frequency
  - Preventative measures: condition and effectiveness of existing defenses
- Consequence Assessment
  - Asset vulnerability: how close are the assets to the hazards
  - Consequence: impact to road or building
- Risk Mitigation Options
  - Managed retreat, hazard management, drainage, defenses



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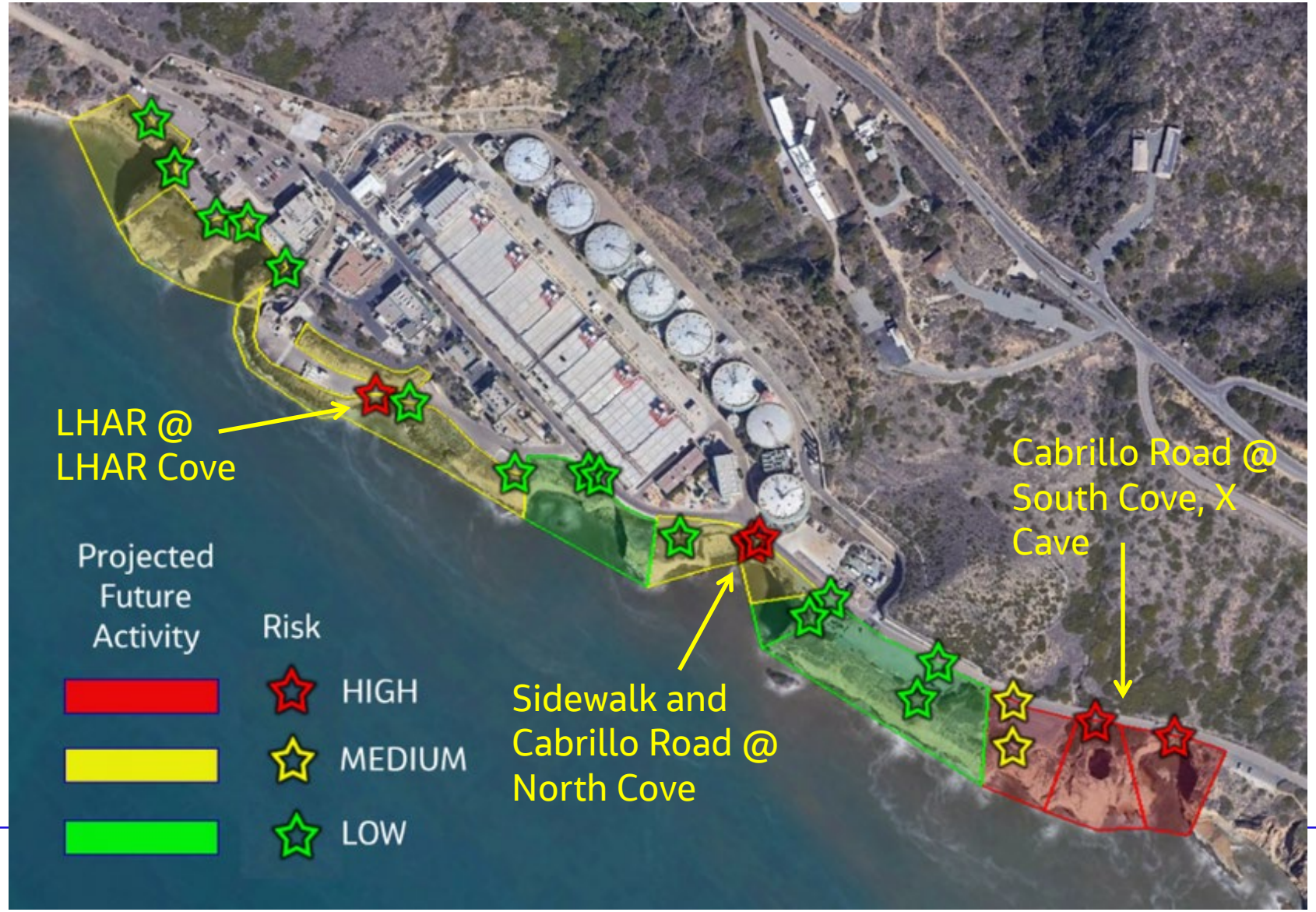
# Cliff Projected Future Activity and Asset Risk Level



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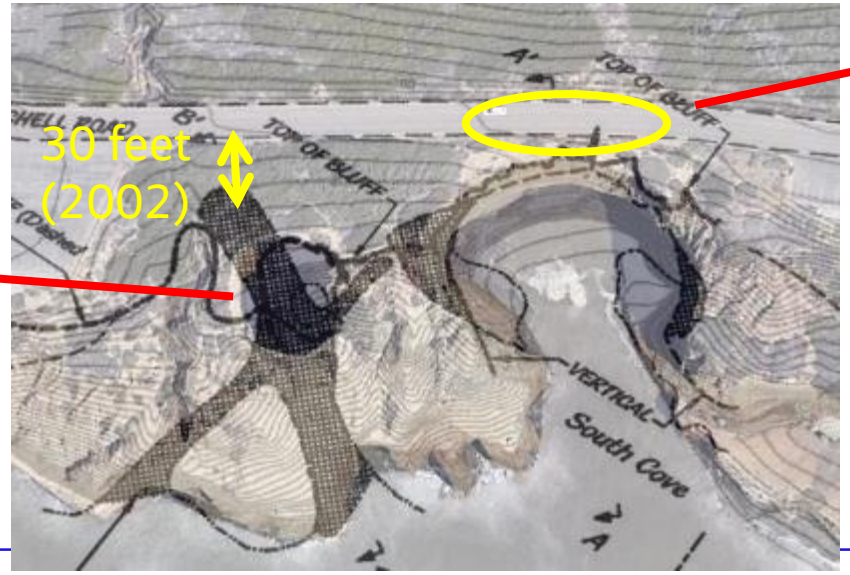
# Cabrillo Road at South Cove / X Cave

- Monitoring shows rapid erosion of the cliff top at South Cove.
- Observations at X Cave shows it extends inland towards the road.
- Drone survey reveals overhangs and widespread cracks in the cliff.
- Hazard is HIGH due to ongoing failure. Consequence is HIGH as erosion threatens the road. Risk is therefore HIGH



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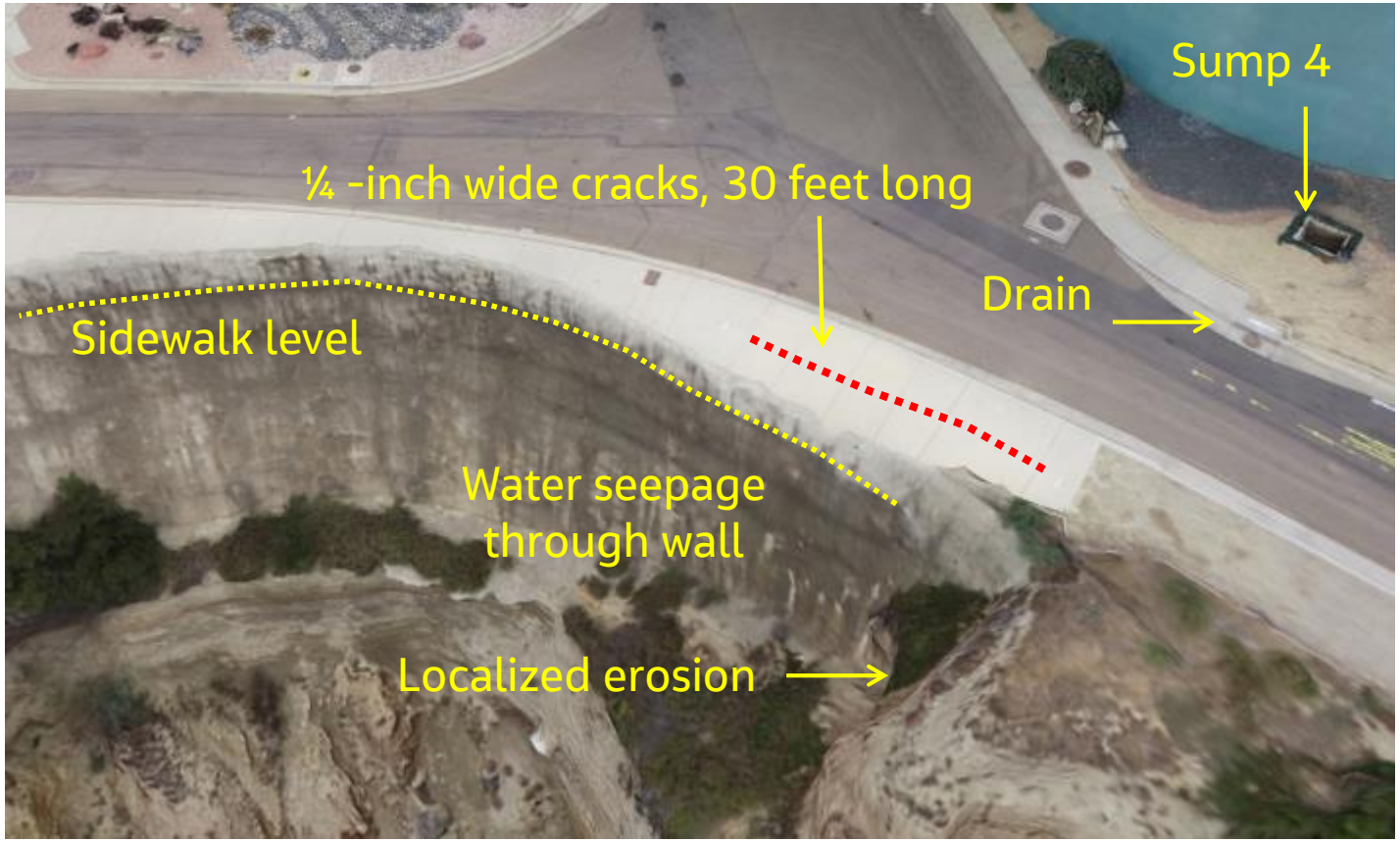
# Cabrillo Road and Sidewalk at North Cove

¼-inch wide cracks, potentially associated with insufficient water drainage retained by the wall (no drain holes) and loss of soil under/behind sidewalk/wall.



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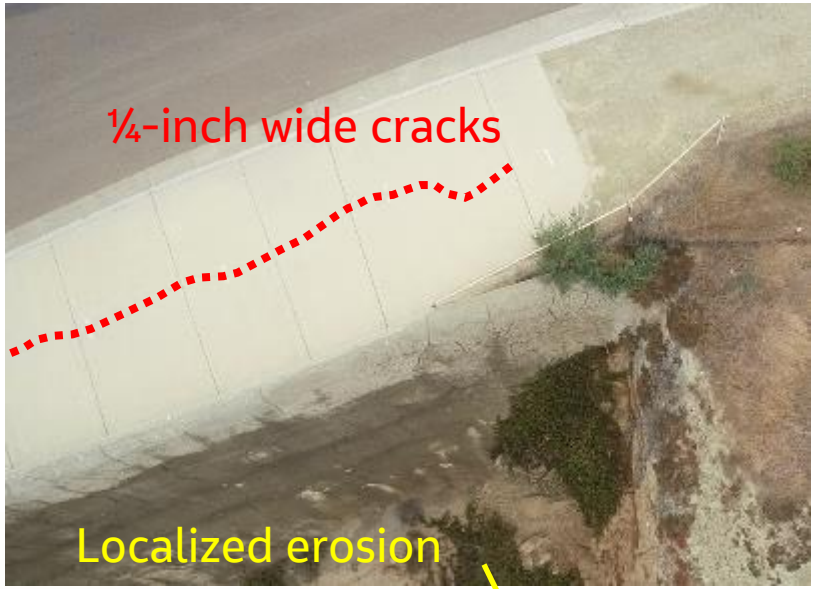
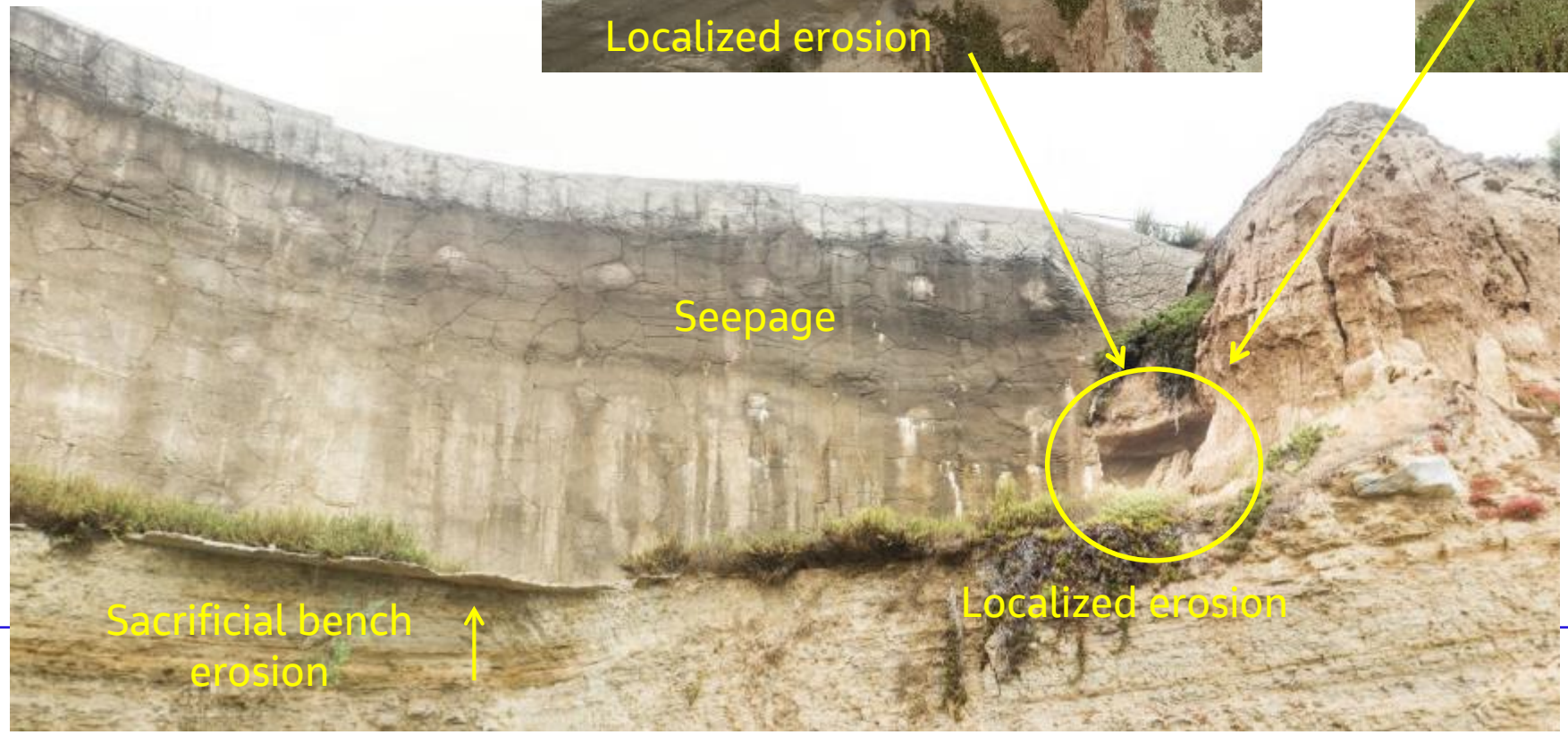
# Retaining Wall and Cliff at North Cove





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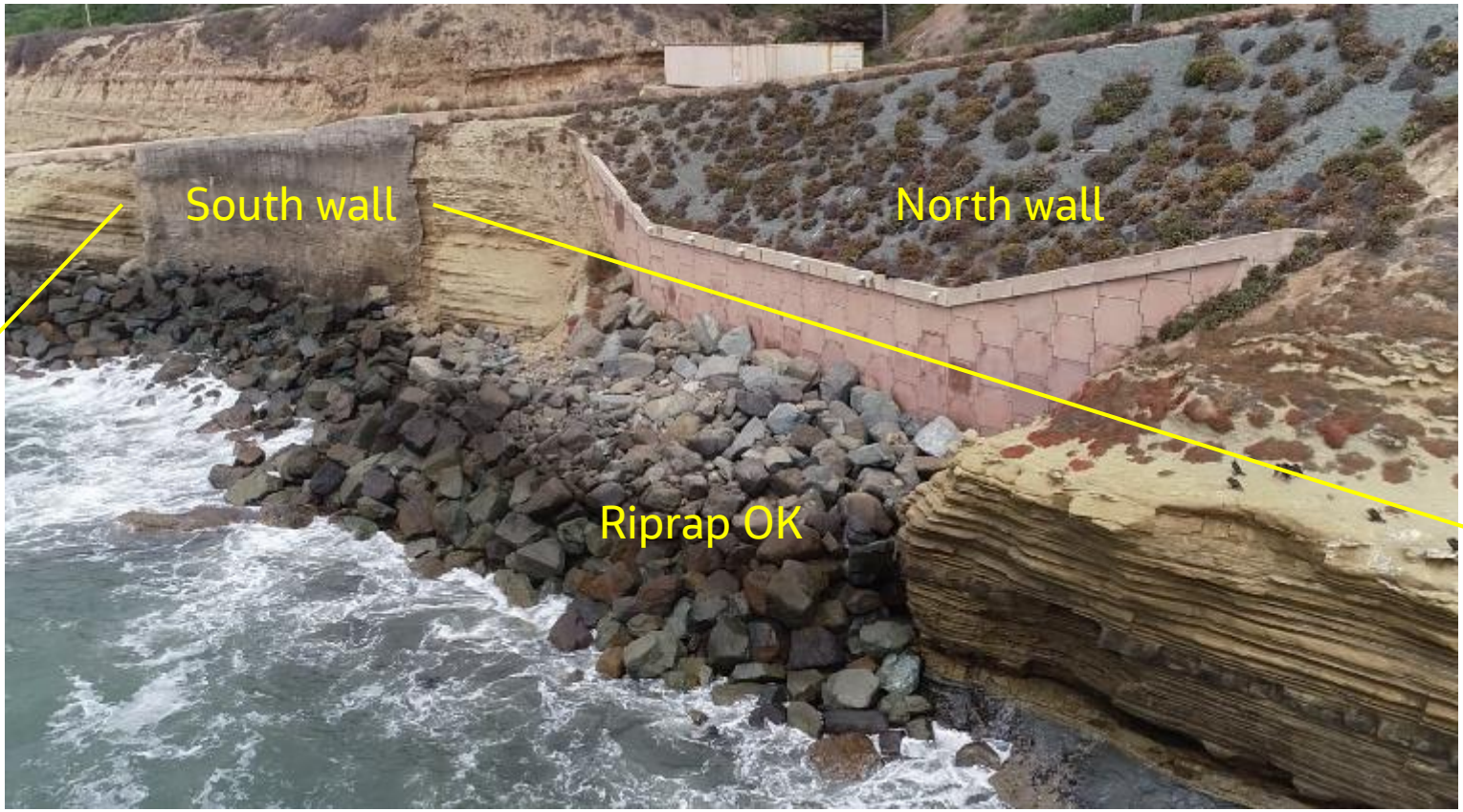
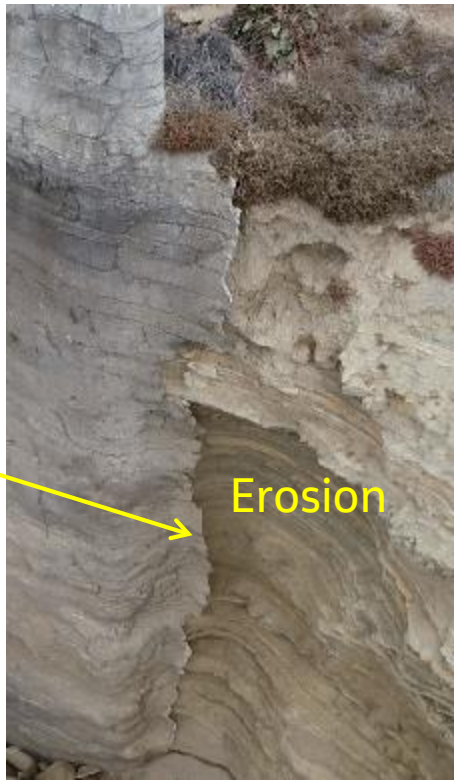
# Lower Hydro Access Road (LHAR) at LHAR Cove



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# Questions?

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# ATTACHMENT 5

# INDUSTRIAL WASTEWATER CONTROL PROGRAM (IWCP)

# Industrial Wastewater Control Program (IWCP)
# Public Utilities Department

Joy Newman

November 18, 2020

# IWCP's Role

- **Identify** industries that have the potential to discharge pollutants to sewer.
- **Issue** permits to industries to regulate the quality of wastewater discharges into the sewer.
- **Inspect** industries and sample wastewater.
- **Enforce** permit conditions.

# IWCP's Role in Regulations:

- **General pretreatment regulations promulgated on June 26, 1978**
  - *EPA approved San Diego's program in 1982*
  - *San Diego received its first Point Loma Wastewater Treatment Plant waiver in 1995*
- **To secure the waiver, the City must enhance industrial source control through an Urban Area Pretreatment Program**
  - *City must demonstrate that industries are in compliance or that sufficient enforcement actions are being taken*
  - *Local limits must be studied annually by means of monitoring and technical review*
- **Annual system-wide non-industrial toxics surveys further identify sources of toxic constituents**
  - *Partnership with Environmental Services Dept, Household Hazardous Waste Program collection and surveys*

# IWCP's 1996 Local Limits Study

- Designed to comply with ocean discharge waiver that allows the Point Loma Wastewater Treatment Plant (PLWTP) to operate with advanced primary treatment
- Annual evaluation
- South Bay Water Reclamation Plant (WRP), North City WRP, and Metropolitan Biosolids Center (MBC) were not yet operational

# Pure Water Program

- To facilitate direct potable reuse, San Diego is implementing its Pure Water Program
  - *North City Water Reclamation Plant and Pure Water Facility NPDES permit was effective June 1, 2020*
- Enhanced Local Limits study-chemical and contaminant source investigations and monitoring that focus on standards DDW-specified and San Diego Water Board-specified chemicals and contaminants.
- An outreach program to industrial, commercial, and residential communities within the North City sewershed for the purpose of managing and minimizing the discharge of chemicals and contaminants at the source.

# Program Evaluations

- City Audits (2013 and 2019)
- Program Evaluation 2018

# IWCP Audit's

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- **13 recommendations**
  - *Track all billable costs*
  - *Establish procedures to ensure cost recovery*
  - *Perform fee study*
  - *After fee study, review agreements with PAs.*
  - *Bring fee proposal to City Council to achieve cost recovery*
  - *Move IWCP program  from Muni to Metro fund*
  - *Recover past due unbilled costs*
  - *Establish SOP procedures for billing permit and monitoring fees*
  - *Perform review of PIMs system to invoice automatically*

# 2018 Program Recommendations

- Permit Processing
- Inspection
- Enforcement
- Industrial Discharge
- Records Management
- Reorganization

# QUESTIONS

# ATTACHMENT 15

# METROTAC

# UPDATE/WORK PLAN

**Metro TAC & JPA Work Plan**
**Active & Pending Items**
**February 2020**
***Updated Items in Red Italics***

| Active Items | Description | Member(s) |
|---|---|---|
| *Strategic Plan Ad HOC* | *The JPA last updated their strategic plan in 2015. The Ad Hoc was formed to determine should there be a 2019 strategic plan update and if so what format it should follow. First meeting held June 2019. Two work sessions to be held in August are planned with the goal of presenting a draft 2019 Strategic Plan to the JPA in October 2019.* | *Whitney Benzian*<br>*Jerry Jones*<br>*Gary Kendrick*<br>*John Mullin*<br>*Ed Spriggs*<br>*JPA staff* |
| *SB 332 Working Group* | *SB 332 (Hertzberg/Weiner) relates to wastewater treatment for recycled water and agencies with ocean outfalls. It requires the entity that owns the wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers (it defines water not wastewater suppliers) to reduce the facilities annual flow as compared to the average annual dry weather wastewater discharge baseline volume as prescribed by at least 50% on or before January 1, 2030 and by at least 95% on or before January 1, 2040. The working group was formed to track the process of this legislation.* | *Yazmin Arellano*<br>*Beth Gentry*<br>*Hamed Hashemian* |
| Muni Transportation Rate Study Working Group | San Diego has hired Carollo Engineers to review the existing transportation rate structure. A work group has been formed to review and give input. First meeting will be in December 2017. Although this is a muni issue it is included on the work plan due to its significance and potential effect on all Metro TAC members. 3/18: Technical consultants to meet with PUD staff and Carollo on 3/22/18 to review model in detail 6/18: JPA technical consultants continue to work with PUD staff on understanding rate calculations 1/19: Working group still meeting with PUD staff & consultants. 6/19: Working Group has presented an alternative plan in November 2018 which the City and their consultants are reviewing. | Roberto Yano<br>Yazmin Arellano<br>Dan Brogadir<br>Carmen Kasner<br>Mark Niemiec<br>Dexter Wilson<br>SD staff |
| Point Loma Permit Ad Hoc | Metro Commission/JPA Ad Hoc established 9/17. GOAL: Create regional water reuse plan so that both a new, local, diversified water supply is created AND maximum offload at Point Loma is achieved to support legislation for permanent acceptance of Point Loma as a smaller advanced primary plant. Minimize ultimate Point Loma treatment costs and most effectively spend ratepayer dollars through successful coordination between water and wastewater agencies. 10/17: Group has met several times. Discussions are ongoing. 3/18: Group continues to meet at least monthly. 6/18: Group continues to meet monthly. Outreach subgroup formed. 1/19: This group continues to meet as needed. | Jerry Jones<br>Jim Peasley<br>Ed Spriggs<br>Bill Baber<br>Steve Padilla<br>Metro TAC staff & JPA consultants |
| Phase II Pure Water Facilities Working Group | Created to work with SD staff & consultants on determining Phase II facilities. 1/19: Work group has eliminated two alternatives and continues to review updated facilities and their costs. Presentation to Metro TAC by Stantec re: Phase 2 Flows and Loads. Copy attached to Metro TAC minutes.6/19: Phase II alternative presented to Metro TAC in May and JPA in June 2019. Copy of presentation can be found in minutes to those meetings. Alternatives narrowed to two main alternatives. | Roberto Yano<br>Seval Sen<br>Scott Tulloch<br>Dexter Wilson<br>SD staff & consultants |

**Metro TAC & JPA Work Plan**
**Active & Pending Items**
**February 2020**
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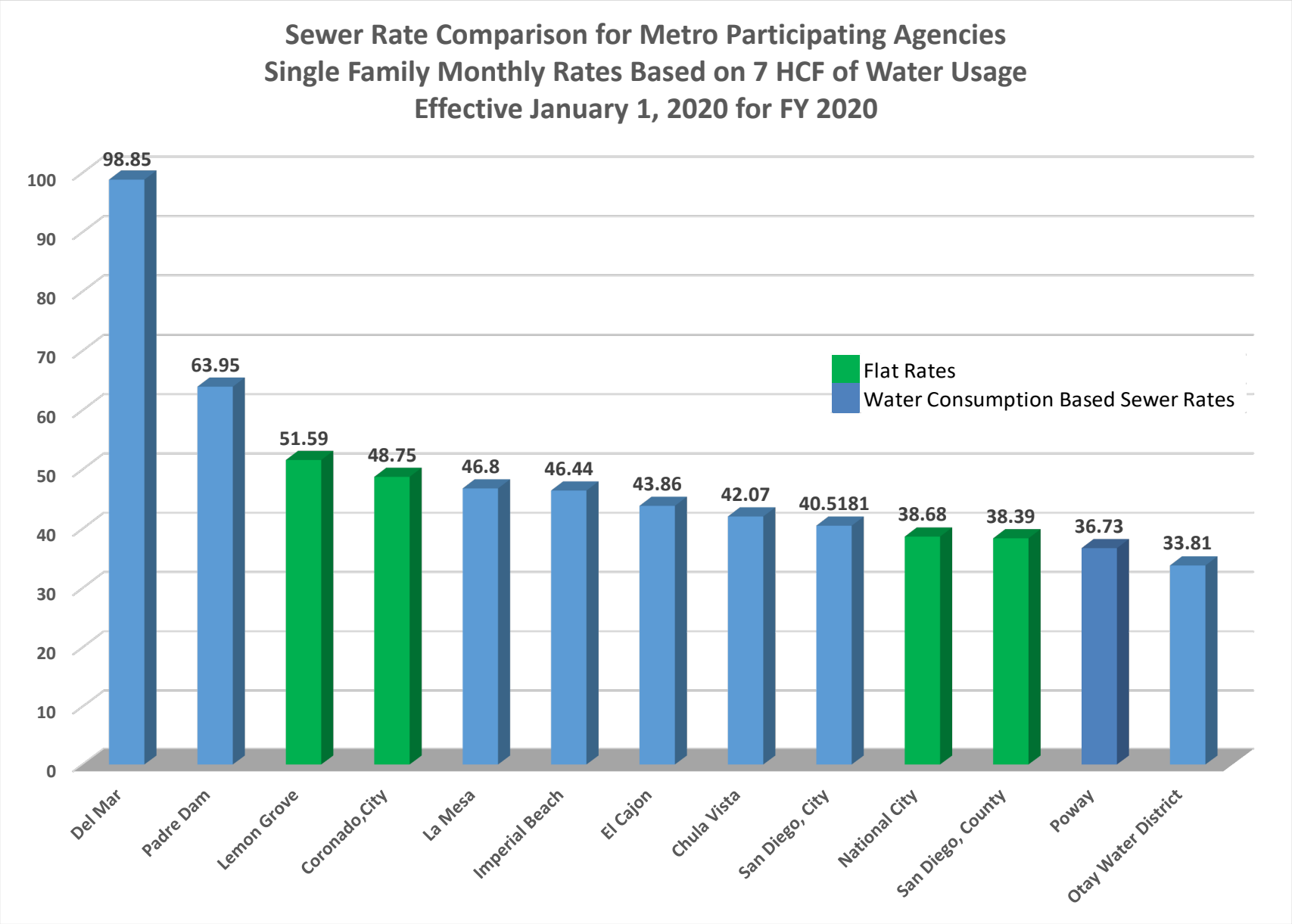
|---|---|---|
| Residuals Management Working Group | This working group was formed to continue work on Sections 2.9.2 and 2.9.3 of the Amended and Restated Agreement regarding the potential transfer of the East Mission Gorge Pumps Station and the disposal, treatment, or transfer of residuals. 1/19: Group continues to meet.3/19: Working Group has been meeting w/Padre Dam, Coronado, & Otay. 6/19: Draft agreement has been prepared and is being reviewed/refined. | Eric Minicilli<br>Yazmin Arellano<br>Dan Brogadir<br>Seval Sen<br>Scott Tulloch<br>Dexter Wilson<br>SD staff & consultants |
| Phase I Financial Implementation Working Group | This working group was formed to continue to work on Section 2.9.1 and other financial implementations issues associated with the Amended Restated Agreement. 1/19: Working group had formation meeting. Has prepared draft task list and task assignments for group members and SD staff. Will meet at least monthly until tasks are complete. Ownership of EMGPS determined. Appraisal in complete. 6/19: Group will start meeting in July 2019 on a regular basis. | Roberto Yano<br>Karyn Keese<br>Dexter Wilson<br>SD staff & consultants |
| Phase II Disposal Agreement Working Group | This group replaces the Debt Allocation Working Group with the approval of the Amended and Restated Agreement for Phase 1. 1/19: Group will start meeting in February. | Roberto Yano<br>Karyn Keese<br>Scott Tulloch<br>Dexter Wilson<br>SD staff & consultants |
| Pretreatment Working Group | Formed to work with San Diego on new standards for industrial waste discharge. 1/19: SD has received draft report from consultant but has sent back for revisions. Second draft will be reviewed by working group. 6/19: Working group has met and reviewed draft of report. Presentation made by Stantec of recommendations to Metro TAC. Copy attached to June agenda. | Yazmin Arellano<br>Mark Niemiec<br>Ed Walton<br>Beth Gentry<br>Dexter Wilson<br>SD Staff & Consultants |
| JPA Website Update Working Group | The JPA Website, especially the New Director Manual, has not been updated for several years. As we have several new Directors, the manual needs to be updated. 1/19: Working group formed. First meeting 2/20/19. 6/19: Group continues to meet and work on updating website. Goal is to totally revise New Director's Manual by end of October once Strategic plan is completed. | Roberto Yano<br>Karyn Keese<br>Lori Peoples<br>Susan Spotts |
| Exhibit E Audit | *1/19: FYE 2017 fieldwork complete. 3/19: FYE 2018 entrance conference complete. Sample selection complete.6/19: FY 2018 fieldwork completed week of June 17, 2019.* | Karen Jassoy<br>Karyn Keese<br>Dexter Wilson |
| IRWMP | Members should monitor funding opportunities at: http://www.sdirwmp.org 1/19: PA representatives continue to report monthly at Metro TAC 3/19: Minutes from 3/20/19 Meeting attached to work plan. 6/19: Metro TAC given monthly updates. See Metro TAC minutes for updates. | Yazmin Arellano<br>Beth Gentry |
| Strength Based Billing Evaluation | San Diego will hire a consultant every three years to audit the Metro metered system to insure against billing errors. 1/19: 2019 is the year for the billing review. Scope to be discussed at Financial Implementation Work Group and then brought to TAC. This group combined w/ Sample Rejection Protocol Working Group. SBB workshop by SD staff still outstanding. 3/20: JH will provide training schedule for SBB at April TAC meeting. | Dan Brogadir<br>Dennis Davies?<br>Karyn Keese<br>Mark Niemiec<br>Dexter Wilson<br>SD Staff |

**Metro TAC & JPA Work Plan**
**Active & Pending Items**
**February 2020**
***Updated Items in Red Italics***

| Active Items | Description | Member(s) |
|---|---|---|
| Changes in water legislation | Metro TAC and the Board should monitor and report on proposed and new legislation or changes in existing legislation that impact wastewater conveyance, treatment, and disposal, including recycled water issues | Inactive; Members added as needed |


Sewer Rate Comparison for Metro Participating Agencies
Single Family Monthly Rates Based on 7 HCF of Water Usage
Effective January 1, 2020 for FY 2020
Flat Rates
Water Consumption Based Sewer Rates
0
10
20
30
40
50
60
70
80
90
100
98.85
63.95
51.59
48.75
46.8
46.44
43.86
42.07
40.5181
38.68
38.39
36.73
33.81
Del Mar
Padre Dam
Lemon Grove
Coronado,City
La Mesa
Imperial Beach
El Cajon
Chula Vista
San Diego, City
National City
San Diego, County
Poway
Otay Water District