METRO TAC AGENDA
(Technical Advisory Committee to Metro JPA/Commission)

TO: MetroTAC Representatives

CC: Metro JPA Directors (for information only)

DATE: April 16, 2025

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

LOCATION: Metro TAC is holding its April meeting via Zoom. An e-mail containing information on how to participate in the meeting will be distributed to the Metro TAC members e-mail list consisting of the appointed Primary and Alternate for the Participating Agency and approved San Diego City Staff. Please remember, MetroTAC is NOT a public meeting so please do not distribute the meeting link.

---

1. **ACTION**: Review and Approve MetroTAC Action Minutes for the Meeting of January 15, 2025 and March 19, 2025 (**Attachments**)

2. **PRESENTATION/DISCUSSION:** SARA: FAB (Ben Stewart, STANTEC) (**Attachment**)

3. **DISCUSSION/ACTION:** SARA Review and Recommendation to JPA (Adriana Ochoa) (**Attachment**)

4. **UPDATE:** Metro Wastewater (General) (Standing Item) (Lisa Celeya)

5. **UPDATE:** Pure Water Program Update (Standing Item) (Doug Owen/Ben Kuhnel)
   a. Quarterly Construction Update **(Attachment)**

6. **UPDATE:** Metro Wastewater Financial (Standing Item) (Adam Jones)
   a. Recycled Water Rate Update

7. **UPDATE:** JPA Executive Director (Standing Item) (Karyn Keze) **(Attachment)**

8. **UPDATE**: Metro Commission/JPA Board Meeting Recap (Standing Item) (Blake Behringer)

9. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**May 1, 2025**)

10. Other Business of Metro TAC

11. Adjournment (To the next Regular Meeting **May 21, 2025**)

Metro TAC 2025 Meeting Schedule

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

Metro TAC

(Technical Advisory Committee to Metro JPA/Commission)

ACTION MINUTES

DATE OF MEETING: January 15, 2025

TIME: 11:00 AM

LOCATION: ZOOM Electronic Meeting

Metro TAC Vice Chair Behringer called the meeting to order at 11:11 a.m.

MEETING ATTENDANCE:

Members Present
Michael Benoza, Chula Vista
Leon Firsht, Coronado
Joe Bride, Del Mar (absent)
Blake Behringer, El Cajon
Eric Minicilli, Imperial Beach
Joe Kuhn, La Mesa
Izzy Murguia, Lemon Grove (absent)
Carmen Kasner, National City
Beth Gentry, Otay WD
Peejay Tubongbanua, Padre Dam MWD
Paul Clarke, Padre Dam MWD
Troy DePriest, Poway
Sumedh Bahl, County of San Diego

San Diego City Staff/Consultants
Adam Jones, City of San Diego
Doug Campbell, City of San Diego
Shadi Sami, City of San Diego
Eric Rubalcava, City of San Diego
Charles Gasti, City of San Diego
Jong Choi, City of San Diego
Mike Rosenberg, City of San Diego
Nicole Roesler, City of San Diego
Keli Balo, City of San Diego

Ben Kuhnel, Stantec, City of San Diego
Doug Owen, Stantec, City of San Diego
Benjamin Stewart, Stantec, City of San Diego

JPA Staff/Consultants Present
Karyn Keze, JPA Executive Director, Keze Group
Dexter Wilson, Dexter Wilson Engineering
Kathleen Noel, Dexter Wilson Engineering
Lee Ann Jones-Santos, Metro JPA Treasurer
Rod Greek, Metro JPA CPA
Lori Anne Peoples, Metro JPA Board Secretary

1. **ACTION: Review and Approve Metro TAC Action Minutes for the Meeting of October 16, 2024**

   ACTION: Motion by Sumedh Bahl, seconded by PeeJay Tubongbanua the minutes be approved. Motion carried unanimously.

2. **ACTION: Consideration and Possible Action to Approve the Meeting Calendar for 2025**

   ACTION: Motion by Carmen Kasner, seconded by Beth Gentry, the minutes be approved. Motion carried unanimously.

3. **ACTION: Appointment of New Metro TAC Chair and Vice Chair**

   Blake Behringer provided a brief work background and stated as Metro TAC Vice Chair, he would be honored to take over the Chair position as the process had been managed in the past. He then nominated Joe Kuhn as Vice Chair. Joe Kuhn provided a brief work background and stated he was willing to step up as Vice Chair.

   ACTION: Motion by Sumedh Bahl, seconded by Troy DePriest, Blake be approved as the new Metro TAC Chair and Joe as the new Vice Chair. Motion carried unanimously.

4. **PRESENTATION: Pump Station 2 Year-In-Review** (Charles Gasti/Jong Choi

   Doug Campbell, City of San Diego, introduced Charles Gasti, Eric Rubalcaba, Shadi Sami and Jong Choi who provided a brief verbal overview of their presentation included in the agenda package.

5. **PRESENTATION: Five-Year Financial Outlook**

   Adam Jones, City of San Diego, provided a brief verbal overview of his presentation which was posted to the JPA website and distributed to all Metro TAC members and staff prior to the meeting. He recommended that any PA's in the cost-of-service process establish "passthrough" ordinances to protect them from unanticipated capital costs from the Pure Water Program.

6. **DISCUSSION: Pure Water Project Tour**

   Doug Campbell announced two facility tours scheduled for March 6 and April 3, immediately following the Metro JPA meetings at MOC II. Participants will travel via shuttle vans, as personal vehicle parking is unavailable. Steel-toe shoes or hiking boots are required due to active construction, and the tour will include both walking and cart portions, lasting approximately 1.5 hours.

Metro JPA Board Secretary Lori Peoples will coordinate participation. Only six JPA Directors may attend per tour, and each should be accompanied by their Metro TAC representative. Ms. Peoples will follow up once each Director is scheduled—please keep both dates available.

7. UPDATE: Metro Wastewater (Standing Item)

Doug Campbell stated that the audit by the Regional Water Authority and EPA was completed and recommendations had been provided. He felt it was successful and thanked the Wastewater Collection Team for representing the City and JPA so well.

8. UPDATE: Pure Water Program
a. 2024 Pure Water Program Annual Report
b. Quarterly Phase 1 Construction Report

a. Doug Campbell provided a brief overview of the 2024 Pure Water Program Annual Report which had been provided on the website.

b. Doug Owen provided a brief overview of the Quarterly Phase 1 Construction Report included in the agenda package. He noted the report was a month behind schedule due to the December meeting cancellation.

9. UPDATE: Metro Wastewater Financial (Standing Item)

Adam Jones, City of San Diego, stated that he had nothing further to report at this time.

10. UPDATE: JPA Executive Director (Standing Item)
a. JPA Treasurer's Report Ending December 31, 2024
b. Phase 2 Survey

JPA Executive Director Keze stated that her report was included in the agenda package and included a link to the 2024 Pure Water Annual Report.

a. Ms. Keze expressed that she was excited with the new treasurer staff of Rod Greek, Treasurer/CPA and Lee Ann Jones-Santos as Assistant Treasurer. With the addition of Rod Greek's knowledge, for the first time the JPA will be following all accounting requirements. Additionally, the DRAFT Policy and Procedure Manual will be going to the Finance Committee on January 28th.

b. Stantec is requesting updated future projected flows from all PAs to be used in the Phase 2 configuration study. The letter from Stantec to each PA will be sent out shortly and they are requesting a response by end of February. Please contact Dexter Wilson or Kathleen Noel if you have any questions.

11. UPDATE: Metro JPA/Commission Meeting Recap (Standing Item)

Ms. Keze stated that with regards to the JPA/Comm meeting recap, it was mainly a 2-hour closed session.

12. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (February 6, 2024)

JPA Executive Director Keze stated that 5-Year Financial Outlook would move forward along with the routine reports.

13. Other Business of Metro TAC

Peejay Tubongbauna of Padre Dam inquired as to the status of the 2020 Fiscal Year Metro Audit. Ms. Keze responded that the contract with MGO expired on December 30, 2024 and the Auditors Office is negotiating a new contract expected to extend the old to June 30, 2025. The audits have therefore stopped but will be rolled into a multi-year audit and the combined audit is expected to come back in June. Peejay requested as to whether the PAs could request a draft version. Ms. Keze stated she would make his request known to Adam Jones. She further noted that in Fiscal Year 2023, the City had not received SRF Loan reimbursements for Phase 1 construction costs due to State of California funding issues, which may result in additional amounts owed by the PAs for that year. PUD staff are working to mitigate the issue by combining Fiscal Years 2020–2023.

14. Adjournment (To the next Regular Metro TAC Meeting February 19, 2025)

Metro TAC Chair Blake Behringer adjourned the meeting at 1:04 p.m.

Metro TAC

(Technical Advisory Committee to Metro JPA/Commission)

ACTION MINUTES

DATE OF MEETING: March 19, 2025

TIME: 11:00 AM

LOCATION: ZOOM Electronic Meeting

Metro TAC Chair Behringer called the meeting to order at 11:11 a.m.

MEETING ATTENDANCE:

Members Present
Michael Benoza, Chula Vista
Patrick Moneda, Chula Vista
Eddie Flores, Chula Vista
Leon Firsht, Coronado (absent)
Joe Bride, Del Mar
Blake Behringer, El Cajon TAC Chair
Juan Larios, Imperial Beach
Joe Kuhn, La Mesa, Metro TAC Vice Chair
Izzy Murguia, Lemon Grove
Carmen Kasner, National City
Beth Gentry, Otay WD
Peejay Tubongbanua, Padre Dam MWD
Troy DePriest, Poway
Sumedh Bahl, County of San Diego

San Diego City Staff/Consultants
Lisa Celaya, City of San Diego
Doug Campbell, City of San Diego
Adam Jones, City of San Diego
Edgar Patino, City of San Diego
Nicole Roesler, City of San Diego
Akram Bassyouni, City of San Diego
Reyhaneh Martin, City of San Diego
Sarah Brower, City of San Diego
Adrian Zavala, City of San Diego
Elif Cetin, City of San Diego
Partita Amerland, City of San Diego
Domminick Dowds, City of San Diego

Doug Owen, Stantec, City of San Diego
Ben Kuhnel, Stantec, City of San Diego

JPA Staff/Consultants Present
Karyn Keze, JPA Executive Director, Keze Group
Adriana Ochoa, General Counsel
Dexter Wilson, Dexter Wilson Engineering
Kathleen Noel, Dexter Wilson Engineering
Lee Ann Jones-Santos, Metro JPA Treasurer
Lori Anne Peoples, Metro JPA Board Secretary

1. PRESENTATION: DRAFT Second Amended Restated Agreement (SARA)

JPA Executive Director Keze provided a very informative introduction to the presentation. She noted that this was the first time viewing the DRAFT language and encouraged all TAC members to reach out to Adriana, Dexter and/or herself with any questions.

General Counsel Ochoa stated that she too would be happy to set up a Zoom meeting with anyone and that she was planning to do an "all hands on" meeting with the Participating Agencies legal counsels. Additionally, she stated a copy of the presentation would be sent out after the meeting. She stated the goal was to have it adopted by the end of the calendar year and to go into effect July 1, 2026. She then provided an overview of her presentation included in the agenda package.

Beth Gentry, Otay Water District, congratulated all involved in the preparation of this document, which was a huge accomplishment she knew personally, having been involved as prior Metro TAC Chair, and with considerations given to be fair to all involved. Ms. Keze thanked Ms. Gentry for her hard work over several years as Chair of the Pretreatment TAC Work Group that had assisted in crafting the pretreatment and industrial waste language in SARA.

At 12:22 p.m. Ms. Ochoa left the meeting.

2. UPDATE: Semi-Annual Pure Water Program Update

Lisa Celaya, City of San Diego, provided an introduction to the item and introduced Sara Brower who works with Doug Owen. Ms. Brower provided a brief overview of the PowerPoint presentation covering Item 7, the Semi-Annual Pure Water Program update, provided in the agenda package.

Ms. Celaya noted that Items 7a through 7c would be presented together.

a. **ACTION:** Extension of insurance coverage with HDI (Policy No. CWD5566700S), Zurich North America (Policy No. WC0969211), Allianz Global Risks US Insurance (Policy No. USE000657190W), ACE American Insurance Co. (Policy No. IMC 11174929), and Ironshore Specialty Insurance Company (Policy No. 004031400) for an Owner-Controlled Insurance Program for the North City Pure Water Phase 1 Project

b. **ACTION:** Amendment No. 4 to the Agreement with AECOM Technical Services, Inc. for Design Engineering and Construction Support Services for the Morena Pump Station and Conveyance System Projects

c. **ACTION:** Roadway restoration in excess of $2M for Morena Conveyance North contract with OHLA USA, Inc. (OHLA)

Akram Bassyouni, City of San Diego, presented the Item 7a and noted a correction from $35 million to $38 million.

Mr. Bassyouni noted on item 7b that the not-to-exceed amount was $20 million with the PAs responsibility at approximately $3 million.

Questions arose regarding the percentages to be paid by the PAs to which Ms. Celaya responded that there would be a true up at the end of the project.

Ms. Keze noted that the OCIP was highly detailed and involved many moving parts. She explained that the insurance agencies supporting the program require a forensic audit to be completed before it is submitted to her for review as part of the Phase 1 close-out process.

Beth Gentry, Otay Water District requested Ms. Keze review Amendment 3 as it reflects 2 different values which Ms. Keze stated she would do prior to it moving forward to the JPA and thanked Ms. Gentry for calling it to her attention.

Metro TAC Chair Blake Behringer stated that Coronado had a concern about the medians, push buttons ectara and whether there was an understanding that Metro JPA was responsible for slurry now going into overlay. Ms. Celaya stated that the City was picking up that component. Additionally, there is a settlement agreement on medians that the cost will be shared on project costs.

Mr. Behringer again raised a question on behalf of Coronado regarding whether the ramps and push buttons were included in the overall cost percentage. He expressed concern that other regulatory items, which had not previously been allocated to the PAs by the city, now appeared to be the responsibility of the PAs.

Mr. Bassyouni stated that the ramps were a requirement due to the trenching through the intersection.

Ms. Celaya stated that this is the city's policy to require if trenching and stated she would have the city attorney review the legal requirements. Additionally, this is a requirement on all city projects.

ACTION: Motion by Carmen Kasner, seconded by Beth Gentry, to recommend to the JPA Approval of Item 7a. Motion carried unanimously.

ACTION: Motion by Carmen Kasner, seconded by Beth Gentry to recommend to the JPA Approval of Item 7b. Motion carried unanimously.

ACTION: Motion by Carmen Kasner, seconded by Beth Gentry to recommend Approval to the JPA of Item 7c with revisiting of the pedestrian ramps, push buttons ectara. Beth Gentry clarified that this item is to be brought back with clarification.

Ms. Celaya stated she would send out written information for the TAC review. Motion carried unanimously.

3. **INFORMATION: Discussion of a Proposed City of San Diego Recycled Water Rate Adjustment**

Executive Director Keze stated that Adam Jones, City of San Diego, unfortunately had to leave the meeting. A letter was received from Otay Water District after the TAC meeting started, so this item will be re-agendized again for next month to allow for time to review. The rate increase is a proposal only and if approved, would not go into effect until after September. The proposed recycled water rates would be full cost recovery, for the first time, as directed by the City of San Diego Council. Ms. Keze explained that although this is part of a broader City of San Diego retail rate study—of which the PAs are not participants—there is some overlap, as recycled water production is a Metro expense, and the revenue generated from its sale is considered Metro revenue.

Troy DePriest, Poway, stated that they would be sending in a letter as well. Ms. Keze stated that copies of the letters received from Olivenhain, Poway and Otay will be sent out to all TAC members for their review.

Beth Gentry, Otay Water District stated that Otay was the largest user of recycled water from the South Bay Plant. In the past a 14% increase was a concern and now they are looking at a 92% increase.

4. **UPDATE: Metro Wastewater**

a. OPRA II Update

Ms. Celaya stated that Congressman Scott Peters reintroduced OPRA II last month. The bill is currently pending review by the House Committee on Transportation and Infrastructure.

b. January 2023 SSO Update

On March 20, 2025, the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) released Tentative Order No. R9-2025-0010, which is the settlement related to 2023 Sewer Spill. This settlement agreement includes a $11.4 million fine.

Beth Gentry, Otay Water District stated that Otay would like to comment on the rational.

5. **UPDATE: Pure Water Program Update**

a. Quarterly Construction Update

This item was continued to the next meeting.

6. UPDATE: Metro Wastewater Financial

This item was continued to the next meeting.

7. UPDATE: JPA Executive Director

This item was included in the agenda package.

8. UPDATE: Metro TAC Chair

This item was included in the agenda package.

9. UPDATE: Metro Commission/JPA Board Meeting Recap

Details can be found in the Executive Directors Report

10. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**April 3, 2025**)

1 and 2 plus regular updates.

11. Other Business of Metro TAC

None.

12. Adjournment (To the next Regular Meeting **April 16, 2025**)

1:43 p.m.

SARA: FAB

April 16, 2025

Unique situation, unique system, unique framework
Based on sound engineering principles

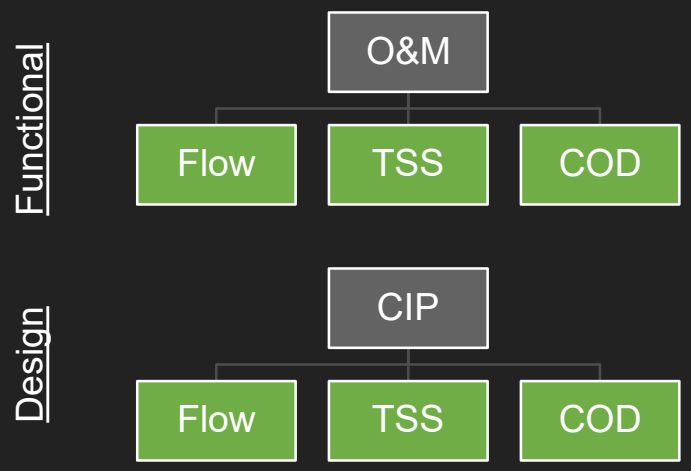
1

Project Background

2

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current Functional-Design Allocations



3

3

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Existing Framework: Metro System Wastewater

	FLOW	TSS	COD
OPERATIONS & MAINTENANCE EXPENSES			
Pump Stations & Pipelines	100%		
Treatment & Disposal			
Point Loma WWTP	35%	40%	25%
North City WRP	75%	10%	15%
South Bay WRP	75%	10%	15%
Metropolitan Biosolids Center	50%		50%
Cogeneration Facilities & Gas Utilization Facility	60%		40%
QC: Marine Biology & Ocean Operations	30%	40%	30%
QC: Wastewater Chemistry Services	30%	40%	30%
All Other Engineering, QC, Support, and Compliance	46%	29%	25%
CAPITAL IMPROVEMENT PROJECTS			
Fixed Allocation of CIP	56%	22%	22%

4

4

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Why Make Changes?

Update Allocation Basis:

1. Current allocations developed in 1998
2. Updated with Pure Water elements in 2019, implemented in 2023
   - Melded Percentage (Exhibit G)
   - Pure Water Capital Cost Rate (Exhibit F)
   - Pure Water Revenue Share (Exhibit F)

Changing System Dynamics:

1. Pt. Loma: Cornerstone Treatment Facility → RSDP* & Peaking Plant
2. City and PA Advanced Water Treatment
3. Evolving Flows & Loads

**RSDP = Reject Stream from a Demineralization Process at Advanced Water Purification Facilities*

5

5

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

How did we get here?

2018: Identified the agreement and billing system would require updating
- Included a specific need for a fixed charge and a capacity basis
- Recognized East County's future reduced flows

2021: Goals of ARA update agreed upon
- Fair to all parties
- Increase capacity-based user charge
- Strive to keep charges near current costs
- Etc.

2022-Present: Develop Exhibit B
- Ownership units of service for average flow, incremental peak, RSDP, COD and TSS

2022: Presentation on approach to billing framework update to MetroTAC

2023: Consensus on functional-design allocation percentages

Feb. 2024: Presented approach to allocating RSDP-related costs to MetroTAC

Apr. 2024: Presented approach to capacity allocations and fixed charges to MetroTAC

6

6

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Project Approach

7

7

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Four Key Changes

Update Allocations

- Presented to Metro JPA in November 2023

Incorporate Municipal RSDP Discharges

- Presented to Metro JPA in May 2024

Recover Costs Associated with Capacity Needs

- Presented to Metro JPA in May 2024

Add a Fixed Charge to Billing Framework

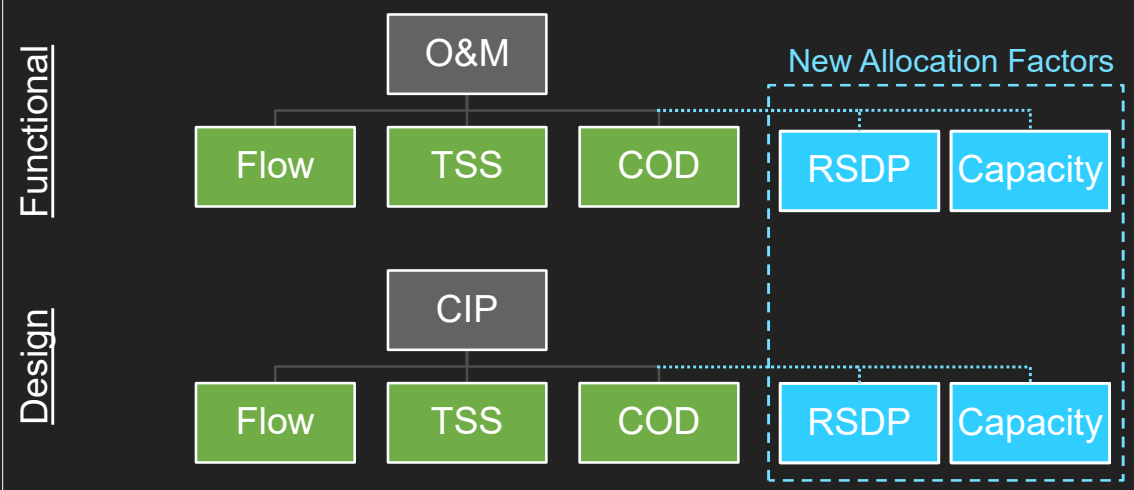
- Presented to Metro TAC in May 2024

8

8

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Functional-Design Allocations



9

9

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Functional-Design Allocations

Design Basis

1. Detailed review of physical assets
   - Allocations by plant and by function/process
   - Allocating asset value to parameters
2. Similar approach for capital projects

Functional Basis

1. Detailed review of entire O&M budget
2. Allocate direct O&M budget by plant
   - Functional allocation of assets
   - Question: “What kinds of things will change?”
3. Work with operations & engineering staff to review functional basis
   - Review and affirm allocations based on process and asset changes, and projected staffing and operating costs

10

10

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Allocation Workshop

Contract Working Group gathered in person in PUD offices

- City Engineers & Operations Staff
- City Finance Staff
- PA Engineering & Financial Consultants
- City Engineering & Financial Consultants

Reviewed modeling approach & developed allocations

- Estimated relative value of each unit process for each plant
- Allocated unit processes to parameters
- **Led to consensus on all allocation factors at October 18 Metro TAC meeting**

Discussed potential for RSDP allocation basis

- Provided background for potential RSDP allocation
- Discussed findings of studies of RSDP on chemicals, aeration, retention time, etc.
- **Determined a RSDP cost recovery approach, final numbers to be determined**

Unique situation, unique system, unique framework needed
Based on sound engineering principles

11

11

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Billing and Agency Impacts

12

12

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current System, 2024 Flows & Strength

Table D O&M

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF O&M COSTS												
		AVERAGE/ METERED FLOW %	AVERAGE/ METERED FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	BRINE %	BRINE COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
OPERATION AND MAINTENANCE :														
TRANSMISSION AND SYSTEM MAINTENANCE	$4,128,492	100.0%	$4,128,492	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$4,128,492
PUMP STATION 2	$17,132,620	100.0%	$17,132,620	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$17,132,620
NORTH CITY WRP	$13,531,645	75.0%	$10,148,734	0.0%	$0	0.0%	$0	10.0%	$1,353,164	15.0%	$2,029,747	0.0%	$0	$13,531,645
SOUTH BAY WRP	$9,434,238	75.0%	$7,075,679	0.0%	$0	0.0%	$0	10.0%	$943,424	15.0%	$1,415,136	0.0%	$0	$9,434,238
POINT LOMA	$28,065,010	35.0%	$9,822,753	0.0%	$0	0.0%	$0	40.0%	$11,226,004	25.0%	$7,016,252	0.0%	$0	$28,065,010
ENVIRONMENTAL SUPPORT	$11,916,276	30.0%	$3,574,883	0.0%	$0	0.0%	$0	40.0%	$4,766,510	30.0%	$3,574,883	0.0%	$0	$11,916,276
COGENERATION + MBC	$26,219,808	0.0%	$0	0.0%	$0	0.0%	$0	50.0%	$13,109,904	50.0%	$13,109,904	0.0%	$0	$26,219,808
OPERATIONAL SUPPORT	$13,985,817	47.0%	$6,571,049	0.0%	$0	0.0%	$0	28.7%	$4,020,110	24.3%	$3,394,658	0.0%	$0	$13,985,817
BUSINESS SUPPORT ADMINISTRATION	$40,421,814	47.0%	$18,991,648	0.0%	$0	0.0%	$0	28.7%	$11,618,924	24.3%	$9,811,241	0.0%	$0	$40,421,814
PURE WATER O&M	$4,645,891	47.0%	$2,182,810	0.0%	$0	0.0%	$0	28.7%	$1,335,424	24.3%	$1,127,657	0.0%	$0	$4,645,891
TOTAL OPERATIONS AND MAINTENANCE	$169,481,609	46.98%	$79,628,667	0.00%	$0	0.00%	$0	28.54%	$48,373,465	24.47%	$41,479,477	0.00%	$0	$169,481,609

13

13

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current System, 2024 Flows & Strength

Table D Capital Cost & Totals

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF CAPITAL COSTS												
		AVERAGE FLOW %	AVERAGE FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	BRINE %	BRINE COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
CAPITAL IMPROVEMENT PROGRAM:														
PAY-AS-YOU-GO METRO 41509	$32,569,264	55.8%	$18,173,649	0.0%	$0	0.0%	$0	22.0%	$7,165,238	22.2%	$7,230,377	0.0%	$0	$32,569,264
DEBT SERVICE	$53,555,115	55.8%	$29,883,754	0.0%	$0	0.0%	$0	22.0%	$11,782,125	22.2%	$11,889,236	0.0%	$0	$53,555,115
TOTAL NON-PUREWATER CAPITAL IMPROVEMENT PROGRAM	$86,124,379	55.8%	$48,057,404	0.0%	$0	0.0%	$0	22.0%	$18,947,363	22.2%	$19,119,612	0.0%	$0	$86,124,379
TOTAL NON-PURE WATER O&M & CAPITAL IMPROVEMENT PROGRAM	$255,605,989	50.0%	$127,686,071	0.0%	$0	0.0%	$0	26.3%	$67,320,829	23.7%	$60,599,089	0.0%	$0	$255,605,989
PURE WATER CAPITAL RATE COST (PAY-GO)	$14,035,210	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	100.0%	$14,035,210	$14,035,210
TOTAL COSTS	$269,641,199	47.4%	$127,686,071	0.0%	$0	0.0%	$0	25.0%	$67,320,829	22.5%	$60,599,089	5.2%	$14,035,210	$269,641,199

14

14

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current System, Post-2027 Flows & Strength

Table D O&M

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF O&M COSTS												
		AVERAGE/ METERED FLOW %	AVERAGE/ METERED FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	BRINE %	BRINE COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
OPERATION AND MAINTENANCE :														
TRANSMISSION AND SYSTEM MAINTENANCE	$4,128,492	100.0%	$4,128,492	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$4,128,492
PUMP STATION 2	$17,132,620	100.0%	$17,132,620	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$17,132,620
NORTH CITY WRP	$13,531,645	75.0%	$10,148,734	0.0%	$0	0.0%	$0	10.0%	$1,353,164	15.0%	$2,029,747	0.0%	$0	$13,531,645
SOUTH BAY WRP	$9,434,238	75.0%	$7,075,679	0.0%	$0	0.0%	$0	10.0%	$943,424	15.0%	$1,415,136	0.0%	$0	$9,434,238
POINT LOMA	$28,065,010	35.0%	$9,822,753	0.0%	$0	0.0%	$0	40.0%	$11,226,004	25.0%	$7,016,252	0.0%	$0	$28,065,010
ENVIRONMENTAL SUPPORT	$11,916,276	30.0%	$3,574,883	0.0%	$0	0.0%	$0	40.0%	$4,766,510	30.0%	$3,574,883	0.0%	$0	$11,916,276
COGENERATION + MBC	$26,219,808	0.0%	$0	0.0%	$0	0.0%	$0	50.0%	$13,109,904	50.0%	$13,109,904	0.0%	$0	$26,219,808
OPERATIONAL SUPPORT	$13,985,817	47.0%	$6,571,049	0.0%	$0	0.0%	$0	28.7%	$4,020,110	24.3%	$3,394,658	0.0%	$0	$13,985,817
BUSINESS SUPPORT ADMINISTRATION	$40,421,814	47.0%	$18,991,648	0.0%	$0	0.0%	$0	28.7%	$11,618,924	24.3%	$9,811,241	0.0%	$0	$40,421,814
PURE WATER O&M	$4,645,891	47.0%	$2,182,810	0.0%	$0	0.0%	$0	28.7%	$1,335,424	24.3%	$1,127,657	0.0%	$0	$4,645,891
TOTAL OPERATIONS AND MAINTENANCE	$169,481,609	46.98%	$79,628,667	0.00%	$0	0.00%	$0	28.54%	$48,373,465	24.47%	$41,479,477	0.00%	$0	$169,481,609

15

15

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Current System, Post-2027 Flows & Strength

Table D Capital Cost & Totals

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF CAPITAL COSTS												
		AVERAGE FLOW %	AVERAGE FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	BRINE %	BRINE COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
CAPITAL IMPROVEMENT PROGRAM:														
PAY-AS-YOU-GO METRO 41509	$32,569,264	55.8%	$18,173,649	0.0%	$0	0.0%	$0	22.0%	$7,165,238	22.2%	$7,230,377	0.0%	$0	$32,569,264
DEBT SERVICE	$53,555,115	55.8%	$29,883,754	0.0%	$0	0.0%	$0	22.0%	$11,782,125	22.2%	$11,889,236	0.0%	$0	$53,555,115
TOTAL NON-PUREWATER CAPITAL IMPROVEMENT PROGRAM	$86,124,379	55.8%	$48,057,404	0.0%	$0	0.0%	$0	22.0%	$18,947,363	22.2%	$19,119,612	0.0%	$0	$86,124,379
TOTAL NON-PURE WATER O&M & CAPITAL IMPROVEMENT PROGRAM	$255,605,989	50.0%	$127,686,071	0.0%	$0	0.0%	$0	26.3%	$67,320,829	23.7%	$60,599,089	0.0%	$0	$255,605,989
PURE WATER CAPITAL RATE COST (PAY-GO)	$14,035,210	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	100.0%	$14,035,210	$14,035,210
TOTAL COSTS	$269,641,199	47.4%	$127,686,071	0.0%	$0	0.0%	$0	25.0%	$67,320,829	22.5%	$60,599,089	5.2%	$14,035,210	$269,641,199

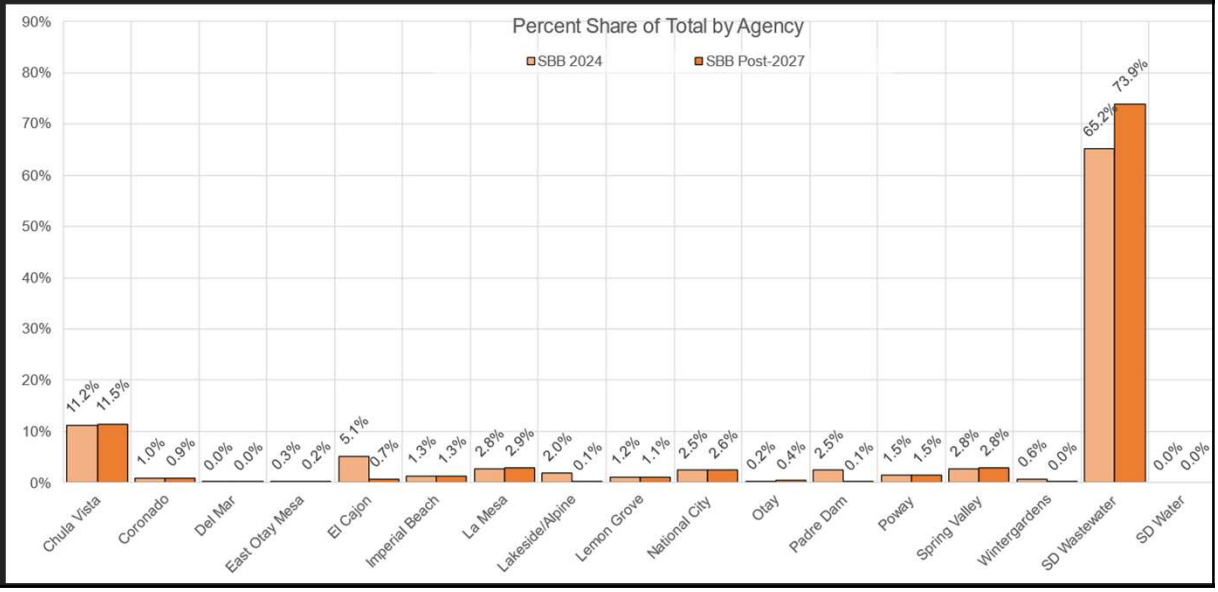
16

16

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Summary of Agency Impacts

Current SBB: 2024 and Post-2027



17

17

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

FAB System, 2024 Flows & Strength

Table D O&M

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF O&M COSTS												
		AVERAGE/ METERED FLOW %	AVERAGE/ METERED FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	BRINE %	BRINE COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
OPERATION AND MAINTENANCE :														
TRANSMISSION AND SYSTEM MAINTENANCE	$10,234,213	100.0%	$10,234,213	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$10,234,213
PUMP STATION 2	$17,132,620	76.7%	$13,145,988	23.3%	$3,986,632	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$17,132,620
NORTH CITY WRP	$13,531,645	53.7%	$7,266,493	0.0%	$0	0.0%	$0	19.3%	$2,611,607	27.0%	$3,653,544	0.0%	$0	$13,531,645
SOUTH BAY WRP	$9,434,238	51.8%	$4,882,218	0.0%	$0	0.0%	$0	22.0%	$2,075,532	26.3%	$2,476,488	0.0%	$0	$9,434,238
POINT LOMA	$28,065,010	43.2%	$12,122,597	20.3%	$5,698,685	0.0%	$0	29.5%	$8,279,178	7.0%	$1,964,551	0.0%	$0	$28,065,010
ENVIRONMENTAL SUPPORT	$13,507,435	100.0%	$13,507,435	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$13,507,435
ENGINEERING SERVICES	$0	29.8%	$0	3.1%	$0	0.0%	$0	51.0%	$0	16.2%	$0	0.0%	$0	$0
COGENERATION + MBC	$26,219,808	5.0%	$1,310,990	0.0%	$0	0.0%	$0	85.0%	$22,286,837	10.0%	$2,621,981	0.0%	$0	$26,219,808
OPERATIONAL SUPPORT	$13,985,817	52.9%	$7,396,345	8.2%	$1,146,727	0.0%	$0	29.8%	$4,173,920	9.1%	$1,268,825	0.0%	$0	$13,985,817
BUSINESS SUPPORT ADMINISTRATION	$32,724,934	52.9%	$17,306,455	8.2%	$2,683,187	0.0%	$0	29.8%	$9,766,412	9.1%	$2,968,880	0.0%	$0	$32,724,934
PURE WATER O&M	$4,645,891	52.9%	$2,456,962	8.2%	$380,926	0.0%	$0	29.8%	$1,386,517	9.1%	$421,486	0.0%	$0	$4,645,891
TOTAL OPERATIONS AND MAINTENANCE	$169,481,609	52.88%	$89,629,696	8.20%	$13,896,156	0.00%	$0	29.84%	$50,580,004	9.07%	$15,375,753	0.00%	$0	$169,481,609

18

18

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

FAB System, 2024 Flows & Strength

Table D Capital Cost & Totals

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF CAPITAL COSTS (FIXED)												
		AVERAGE FLOW %	AVERAGE FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	BRINE %	BRINE COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
DEBT :														
HISTORICAL REVENUE BONDS	$46,912,142	55.8%	$26,174,550	0.0%	$0	0.0%	$0	22.0%	$10,319,627	22.2%	$10,417,964	0.0%	$0	$46,912,142
BOND 2022A	$1,604,532	27.3%	$437,844	4.3%	$68,944	0.0%	$0	54.3%	$871,914	14.1%	$225,830	0.0%	$0	$1,604,532
STATE REVOLVING FUNDS NON-PURE WATER	$5,038,441	26.9%	$1,357,222	15.9%	$801,617	0.0%	$0	48.2%	$2,427,933	9.0%	$451,669	0.0%	$0	$5,038,441
TOTAL DEBT	$53,555,115	52.2%	$27,969,616	1.6%	$870,562	0.0%	$0	25.4%	$13,619,475	20.7%	$11,095,462	0.0%	$0	$53,555,115
PAY-AS-YOU-GO METRO SYSTEM:														
PAY-AS-YOU-GO METRO 41509	$32,569,264	39.3%	$12,789,244	4.7%	$1,541,268	0.0%	$0	42.7%	$13,913,899	13.3%	$4,324,853	0.0%	$0	$32,569,264
TOTAL NON-PUREWATER CAPITAL IMPROVEMENT PROGRAM	$86,124,379	47.3%	$40,758,860	2.8%	$2,411,830	0.0%	$0	32.0%	$27,533,374	17.9%	$15,420,315	0.0%	$0	$86,124,379
TOTAL NON-PURE WATER O&M & CAPITAL IMPROVEMENT PROGRAM	$255,605,989	51.0%	$130,388,556	6.4%	$16,307,986	0.0%	$0	30.6%	$78,113,378	12.0%	$30,796,069	0.0%	$0	$255,605,989

19

19

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

FAB System, Post-2027 Flows & Strength

Table D O&M

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF O&M COSTS												
		AVERAGE/ METERED FLOW %	AVERAGE/ METERED FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	BRINE %	BRINE COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
OPERATION AND MAINTENANCE :														
TRANSMISSION AND SYSTEM MAINTENANCE	$10,234,213	100.0%	$10,234,213	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$10,234,213
PUMP STATION 2	$17,132,620	73.3%	$12,555,789	23.6%	$4,050,401	3.1%	$526,430	0.0%	$0	0.0%	$0	0.0%	$0	$17,132,620
NORTH CITY WRP	$13,531,645	53.7%	$7,266,493	0.0%	$0	0.0%	$0	19.3%	$2,611,607	27.0%	$3,653,544	0.0%	$0	$13,531,645
SOUTH BAY WRP	$9,434,238	51.8%	$4,882,218	0.0%	$0	0.0%	$0	22.0%	$2,075,532	26.3%	$2,476,488	0.0%	$0	$9,434,238
POINT LOMA	$28,065,010	41.1%	$11,547,295	20.6%	$5,789,839	1.7%	$484,147	29.5%	$8,279,178	7.0%	$1,964,551	0.0%	$0	$28,065,010
ENVIRONMENTAL SUPPORT	$13,507,435	100.0%	$13,507,435	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	$13,507,435
ENGINEERING SERVICES	$0	29.5%	$0	3.1%	$0	0.3%	$0	51.0%	$0	16.2%	$0	0.0%	$0	$0
COGENERATION + MBC	$26,219,808	5.0%	$1,310,990	0.0%	$0	0.0%	$0	85.0%	$22,286,837	10.0%	$2,621,981	0.0%	$0	$26,219,808
OPERATIONAL SUPPORT	$13,985,817	51.9%	$7,258,352	8.3%	$1,165,069	0.9%	$119,651	29.8%	$4,173,920	9.1%	$1,268,825	0.0%	$0	$13,985,817
BUSINESS SUPPORT ADMINISTRATION	$32,724,934	51.9%	$16,983,569	8.3%	$2,726,106	0.9%	$279,967	29.8%	$9,766,412	9.1%	$2,968,880	0.0%	$0	$32,724,934
PURE WATER O&M	$4,645,891	51.9%	$2,411,122	8.3%	$387,020	0.9%	$39,746	29.8%	$1,386,517	9.1%	$421,486	0.0%	$0	$4,645,891
TOTAL OPERATIONS AND MAINTENANCE	$169,481,609	51.90%	$87,957,477	8.33%	$14,118,435	0.86%	$1,449,940	29.84%	$50,580,004	9.07%	$15,375,753	0.00%	$0	$169,481,609

20

20

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

FAB System, Post-2027 Flows & Strength

Table D Capital Cost & Totals

DESCRIPTION	ACTUAL COSTS	ALLOCATION OF CAPITAL COSTS (FIXED)												
		AVERAGE FLOW %	AVERAGE FLOW COSTS	INCREMENTAL PEAK FLOW %	INCREMENTAL PEAK FLOW COSTS	BRINE %	BRINE COSTS	SS %	SS COSTS	COD %	COD COSTS	PURE WATER PHASE 1 %	PURE WATER PHASE 1 COSTS	TOTAL COSTS
DEBT :														
HISTORICAL REVENUE BONDS	$46,912,142	55.8%	$26,174,550	0.0%	$0	0.0%	$0	22.0%	$10,319,627	22.2%	$10,417,964	0.0%	$0	$46,912,142
BOND 2022A	$1,604,532	27.0%	$433,234	4.3%	$68,670	0.3%	$4,885	54.3%	$871,914	14.1%	$225,830	0.0%	$0	$1,604,532
STATE REVOLVING FUNDS NON-PURE WATER	$5,038,441	25.9%	$1,303,617	15.8%	$798,427	1.1%	$56,795	48.2%	$2,427,933	9.0%	$451,669	0.0%	$0	$5,038,441
TOTAL DEBT	$53,555,115	52.1%	$27,911,401	1.6%	$867,097	0.1%	$61,680	25.4%	$13,619,475	20.7%	$11,095,462	0.0%	$0	$53,555,115
PAY-AS-YOU-GO METRO SYSTEM:														
PAY-AS-YOU-GO METRO 41509	$32,569,264	39.0%	$12,686,178	4.7%	$1,535,135	0.3%	$109,200	42.7%	$13,913,899	13.3%	$4,324,853	0.0%	$0	$32,569,264
TOTAL NON-PUREWATER CAPITAL IMPROVEMENT PROGRAM	$86,124,379	47.1%	$40,597,579	2.8%	$2,402,232	0.2%	$170,880	32.0%	$27,533,374	17.9%	$15,420,315	0.0%	$0	$86,124,379
TOTAL NON-PURE WATER O&M & CAPITAL IMPROVEMENT PROGRAM	$255,605,989	50.3%	$128,555,056	6.5%	$16,520,667	0.6%	$1,620,820	30.6%	$78,113,378	12.0%	$30,796,069	0.0%	$0	$255,605,989

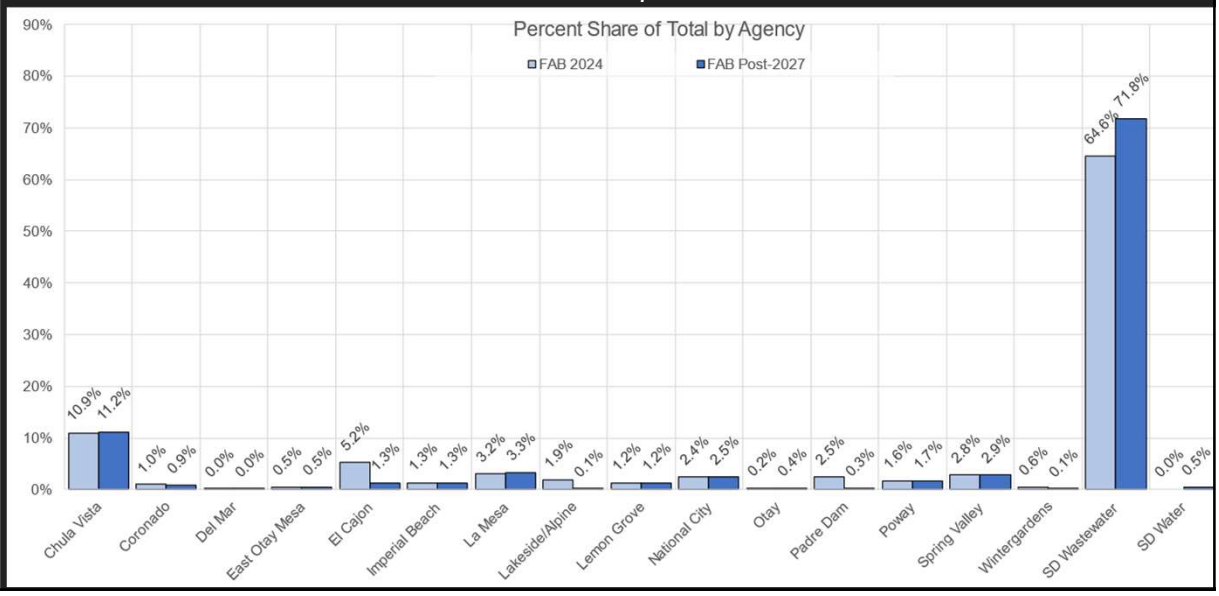
21

21

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

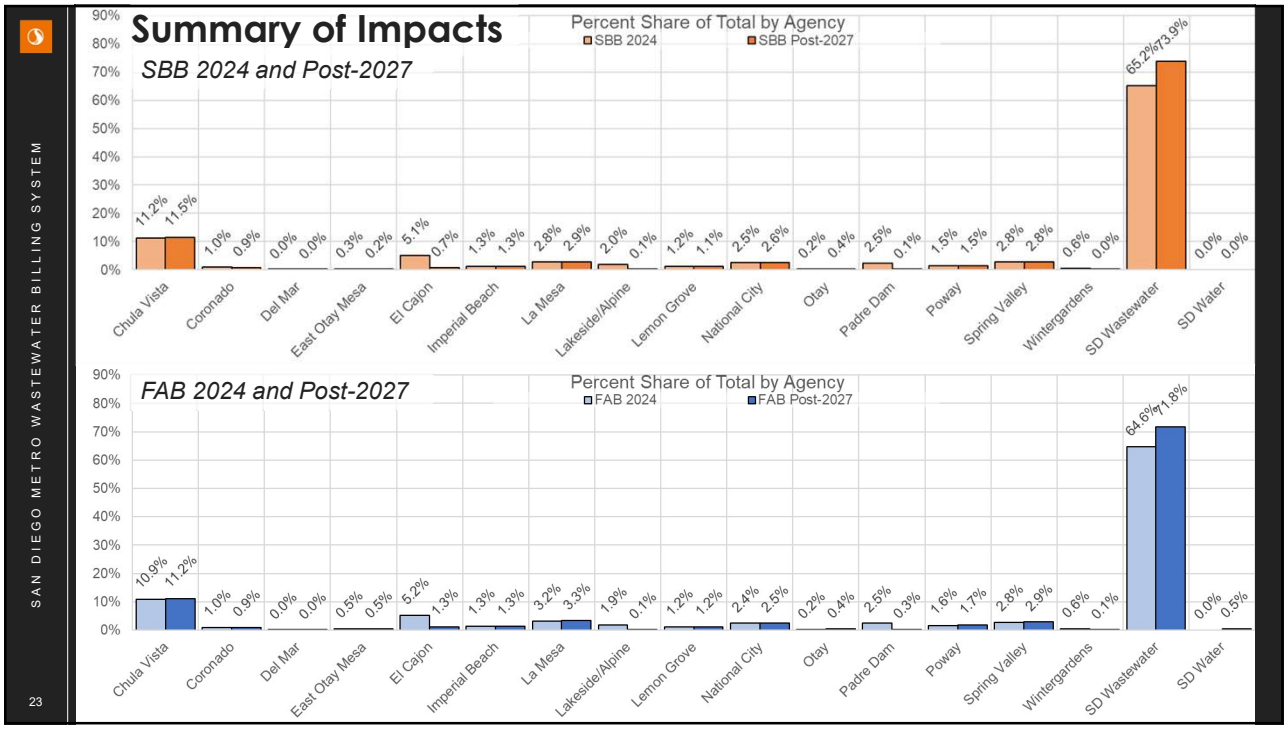
Summary of Agency Impacts

Proposed FAB: 2024 and Post-2027

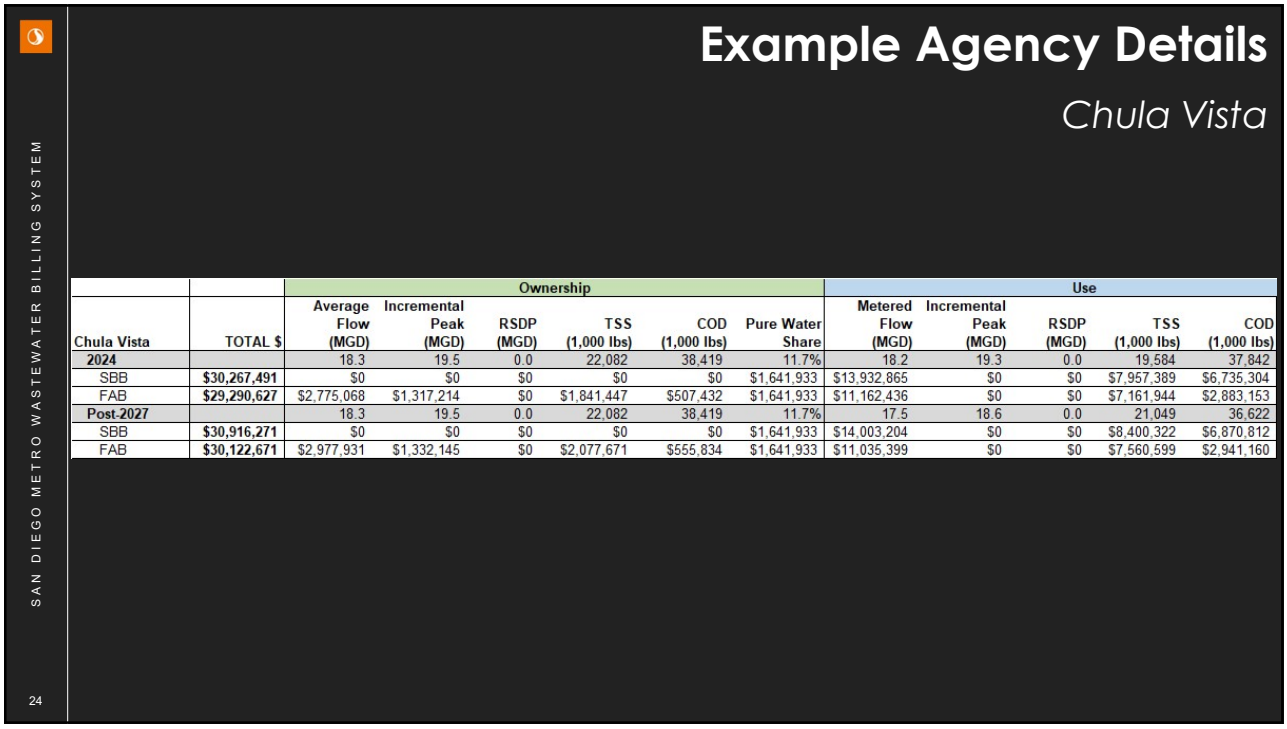


22

22



23



		Ownership						Use				
Chula Vista	TOTAL $	Average Flow (MGD)	Incremental Peak (MGD)	RSDP (MGD)	TSS (1,000 lbs)	COD (1,000 lbs)	Pure Water Share	Metered Flow (MGD)	Incremental Peak (MGD)	RSDP (MGD)	TSS (1,000 lbs)	COD (1,000 lbs)
2024		18.3	19.5	0.0	22,082	38,419	11.7%	18.2	19.3	0.0	19,584	37,842
SBB	**$30,267,491**	$0	$0	$0	$0	$0	$1,641,933	$13,932,865	$0	$0	$7,957,389	$6,735,304
FAB	**$29,290,627**	$2,775,068	$1,317,214	$0	$1,841,447	$507,432	$1,641,933	$11,162,436	$0	$0	$7,161,944	$2,883,153
Post-2027		18.3	19.5	0.0	22,082	38,419	11.7%	17.5	18.6	0.0	21,049	36,622
SBB	**$30,916,271**	$0	$0	$0	$0	$0	$1,641,933	$14,003,204	$0	$0	$8,400,322	$6,870,812
FAB	**$30,122,671**	$2,977,931	$1,332,145	$0	$2,077,671	$555,834	$1,641,933	$11,035,399	$0	$0	$7,560,599	$2,941,160

24

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Example Agency Details

El Cajon

		Ownership						Use				
El Cajon	TOTAL $	Average Flow (MGD)	Incremental Peak (MGD)	RSDP (MGD)	TSS (1,000 lbs)	COD (1,000 lbs)	Pure Water Share	Metered Flow (MGD)	Incremental Peak (MGD)	RSDP (MGD)	TSS (1,000 lbs)	COD (1,000 lbs)
2024		7.8	20.0	0.0	12,211	17,318	0.5%	7.9	20.3	0.0	11,075	17,444
SBB	**$13,737,400**	$0	$0	$0	$0	$0	$69,733	$6,063,004	$0	$0	$4,499,920	$3,104,743
FAB	**$14,085,277**	$1,180,880	$1,351,035	$0	$1,018,342	$228,731	$69,733	$4,857,429	$0	$0	$4,050,094	$1,329,034
Post-2027		1.3	19.9	0.6	2,196	3,052	0.5%	1.0	15.3	0.3	1,715	2,371
SBB	**$1,992,295**	$0	$0	$0	$0	$0	$69,733	$793,223	$0	$0	$684,512	$444,827
FAB	**$3,393,379**	$209,576	$1,359,993	$6,571	$206,623	$44,156	$69,733	$625,109	$0	$65,117	$616,086	$190,415

25

25

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Example Agency Details

City of San Diego

		Ownership						Use				
SD Water + Wastewater	TOTAL $	Average Flow (MGD)	Incremental Peak (MGD)	RSDP (MGD)	TSS (1,000 lbs)	COD (1,000 lbs)	Pure Water Share	Metered Flow (MGD)	Incremental Peak (MGD)	RSDP (MGD)	TSS (1,000 lbs)	COD (1,000 lbs)
2024		124.1	136.2	0.0	130,032	252,818	70.3%	109.9	120.7	0.0	103,127	222,686
SBB	**$175,726,582**	$0	$0	$0	$0	$0	$9,869,977	$84,319,930	$0	$0	$41,902,089	$39,634,586
FAB	**$174,253,975**	$18,780,535	$9,187,214	$0	$10,843,745	$3,339,220	$9,869,977	$67,553,649	$0	$0	$37,713,425	$16,966,210
Post-2027		124.1	136.2	14.3	130,032	252,818	70.3%	118.1	129.7	6.0	123,840	240,779
SBB	**$199,150,114**	$0	$0	$0	$0	$0	$9,869,977	$94,683,968	$0	$0	$49,422,577	$45,173,593
FAB	**$195,102,241**	$20,153,677	$9,291,347	$156,079	$12,234,799	$3,657,734	$9,869,977	$74,616,876	$0	$1,302,341	$44,482,141	$19,337,270

26

26

SAN DIEGO METRO WASTEWATER BILLING SYSTEM

Thank you

Benjamin Stewart
Principal
Sacramento, California
Benjamin.A.Stewart@Stantec.com

27

27

Understanding the Second Amended and Restated Agreement (SARA)

What is SARA?

- The Second Amended and Restated Agreement (SARA) is a revised version of the 2021 operating agreement between the City of San Diego and the twelve Participating Agencies (PAs) that use the regional Metro Wastewater System.
- SARA is the result of over four years of negotiations between the PAs and the City of San Diego. It's the work-product of hundreds of hours of research and negotiation from the staffs of the JPA and the City of San Diego, with additional layers of review from the PA's legal team, its Technical Advisory Committee, and the JPA Board members.

What does SARA do?

- Updates the legal document that governs our regional cooperation on wastewater treatment and recycled/repurified water planning.
- Reorganizes the document and modernizes the language.
- Streamlines the JPA's authority to handle ministerial and operational issues.
- Resolves six specific "Parking lot Items" issues that were left unresolved in 2021.
- Provides more flexibility for future adjustments to keep the document relevant.

Key Updates in SARA:

- Establishes cost-sharing approaches for Phases 1 and 2 of the City's Pure Water Program.
- Introduces a new billing method (Functional Allocated Billing) to allocate Metro System costs more accurately based on how each agency uses the Metro System.
- Establishes the Uniform Enforcement of the Pretreatment Program by the City of San Diego
- Outlines how future regional water reuse projects may be included in capital cost calculations.
- Provides a sample formula for calculating revenue from repurified water.
- Includes provisions for the treatment and billing of wastewater from military bases.

Key Structural and Operational Improvements:

- Clarifies how fines, penalties, and regulatory enforcement actions are allocated among the parties.
- Creates a process for developing Administrative Agreements to address technical or operational matters without renegotiating the main agreement.
- Establishes four approval paths to update SARA in the future, allowing for more tailored and efficient decision-making.

Approval Process:

- After SARA is approved, on an advisory vote, by the PA's representatives on the Metro JPA, it will be sent to each PA for formal review and approval.
- When all thirteen PAs approve, it will replace the current agreement for the next fifty years.

						Total Contract (Including Change Orders)				31-Dec-24
Construction Package	Contractor Intermediate Substantial Completion	Contractor Substantial Completion [3]	Percent Complete (G = F / E)	Bid Award [1] (A)	Change Orders [2] (B)	Water (C)	Wastewater (D)	Total Contract (E = A + B)	Paid to Date [2] (F)	Construction Company
Early Sitework	July 27, 2021	July 27, 2021	100%	$16,403,300	$1,184,211	$4,546,855	$13,040,656	$17,587,511	$17,587,511	Shimmick
NC Pure Water Facility & NC Pure Water Pump Station	September 19, 2025	April 27, 2026	78%	$356,681,930	$34,292,889	$390,974,819	$0	$390,974,819	$303,151,645	Shimmick
Morena Wastewater Pump Station	July 7, 2025	February 3, 2026	74%	$110,386,350	$29,914,736	$58,674	$140,242,412	$140,301,086	$104,254,366	Flat Iron West
Morena Northern Alignment & Tunnels	May 1, 2025	May 23, 2025	75%	$95,243,645	$18,038,900	$21,956,264	$91,326,282	$113,282,546	$85,337,011	OHL USA, Inc
NC Pure Water Pipeline and Dechlorination Facility & Subaqueous Pipeline [4]	October 14, 2024	March 6, 2026	73%	$123,456,027	$2,711,986	$126,168,013	$0	$126,168,013	$92,483,863	W.A. Rasic Construction Company, Inc.
NCWRP Expansion & PWF Influent Conveyance	February 2, 2026	October 1, 2026	61%	$255,138,000	$24,383,632	$145,472,651	$134,048,981	$279,521,632	$171,250,262	Kiewit Infrastructure West Co.
NC MBC Improvements	October 2, 2024	August 13, 2025	80%	$40,086,690	$6,098,975	$0	$46,185,665	$46,185,665	$36,966,620	PCL Construction, Inc.
NCWRP EQ Basins	May 15, 2025	June 26, 2025	57%	$11,886,000	$441,637	$0	$12,327,637	$12,327,637	$6,979,701	Kiewit Infrastructure West Co.
Morena Conveyance Southern & Middle	May 13, 2025	October 3, 2025	57%	$129,753,895	$5,151,192	$29,529,643	$105,375,444	$134,905,087	$77,151,414	Sukut Construction, LLC
Miramar Reservoir Pump Station Improvements	October 21, 2024	November 19, 2024	79%	$12,692,000	$517,257	$13,209,257	$0	$13,209,257	$10,377,259	Shimmick
Miramar Reservoir Automated In-Water Quality Monitoring System (AIWQMS)	October 15, 2026	October 15, 2026	54%	$1,000,000	$0	$1,000,000	$0	$1,000,000	$538,435	Soundnine Inc.
Penasquitos Pump Station Oxygenation System	January 3, 2024	June 11, 2026	26%	$4,391,767	$0	$0	$4,391,767	$4,391,767	$1,152,355	Blue Pacific Engineering & Construction
			71%	**$1,157,119,604**	**$122,735,415**	**$732,916,174**	**$546,938,844**	**$1,279,855,019**	**$907,230,442**	

Total Approved Change Orders Exlcuding Scope Removal Change Orders[4]: $143,473,355

1. Bid Award values are entered when Notice-of-Intent to Award has been issued.

2. Change order and paid-to-date amounts through December 31, 2024.

3. Projected Substantial Completion is based on the current construction contract date, inclusive of any time-related change orders.

4. Deductive Change Order amounts cannot "refund" Pooled Contingency. North City Pure Water Pipeline had a deductive change order of $20,737,940 resulting from de-scoping an asbestos-cement replacement group job.

Highlighted projects are necessary for partial flow commissioning.

Monthly Executive Director's Report
March 2025

The purpose of this report is to provide an update on the activities, progress, and outcomes related to the JPA's initiatives. It aims to ensure transparency, document key discussions and decisions, and keep all stakeholders informed of ongoing efforts and upcoming milestones.

In March, a sizable portion of the Executive Director's and Executive Teams' efforts was dedicated to finalizing the draft language for **the Second Amended and Restated Agreement (SARA)** which was introduced to Metro TAC members at their March 19, 2025, meeting. To assist in implementation the Draft SARA document as well as the Staff Report and PowerPoint Presentation have been uploaded to the "News" section of the website and can be found at:

https://www.metrojpa.org/Home/Components/News/News/127/18?backlist=%2fhome .

During the implementation process these documents will be updated as needed and noted in the Monthly Executive Director's Report as to any changes/additions.

Key Tasks and Updates:

1. **Pure Water Ad Hoc Recommendations for SARA Implementation Process**

   The following is an excerpt from the Staff Report that was presented to Metro TAC at their meeting regarding the recommendations from the Pure Water AdHoc's March 10, 2025, meeting in which they concurred that the SARA draft should be moved forward for presentation to Metro TAC and the Metro JPA/Com as the first step in the implementation process. Their recommendations included an implementation schedule as well as draft language for a motion for the May Metro JPA/Com meeting. These items will be discussed over the next couple of months at Metro TAC and Metro JPA/Com meetings.

   "The Metro Commission Pure Water Ad Hoc, together Metro's Executive Staff, respectfully recommend the Metro JPA representatives discuss, evaluate and provide input or comments to the draft SARA. TAC representatives have been encouraged to confer with their Participating Agency staff, legal counsel and Metro JPA Board representatives, so that the Metro JPA Board representatives

can be prepared to discuss and ask questions in advance of the next two Metro Board meetings (see below).

PURE WATER AD HOC RECOMMENDED APPROVAL TIMELINE:

March 19, 2025 - *Presentation of SARA to TAC for First Pass Review; circulate draft.*
SARA to TAC.
April 3, 2025 - *Presentation of SARA to Metro Commission for introduction and discussion (information item only).*
April 16, 2025 - *Stantec Presentation and Discussion to TAC regarding Functional*
Allocated Billing methodology, revisit SARA discussion, address
TAC questions, vote on recommendation to Metro Commission.
May 1, 2025 - *Metro Commission Meeting – Staff intends to seek a vote from the Metro Commission to approve the recommendation below to the*
Participating Agencies:

PURE WATER AD HOC RECOMMENDATION*: A motion for the Metro Commission to recommend to the Participating Agencies' approval of the SARA subject to non-substantive revisions and corrections, which non-substantive determinations shall be made by the Participating Agency's Attorney and City/General Manager.*
• That way, if changes are made, the PA's Attorney and City/General Manager believe they are non-substantive; the PA's approval can stand without having to go back to governing body.
• If substantive changes are made, SARA will need to go back to PA governing body for approval of amended version, but then the City Council/Board can only focus on the substantive changes. We hope this will make for a faster review."

2. Metro JPA Finance Committee Met on March 24, 2025

The Finance Committee met to review several key issues:

- The Committee held its second meeting to review the draft JPA Policies & Procedures Manual. They compared the draft with the redlined version of previous policies, incorporating revisions and new content. After final review, the Committee unanimously approved the manual to be forwarded to Metro TAC and the Metro JPA/Commission for review and potential approval.

  Due to the release of the Draft SARA document and exhibits, the manual will not be agendized until the May Metro TAC and June Metro JPA/Commission meetings. Given the extended review time allowed by this delay and the manual's size, it has been uploaded to the JPA website. Members are encouraged to review it there at their leisure. Please note that the redlined version will not be included in the agenda packets due to its size; it is

available for download on the JPA website for those interested in reviewing it. The draft manual, the redlined version, and the PowerPoint given to the Finance Committee can be found at:

https://www.metrojpa.org/Home/Components/News/News/134/18?backlist=%2fhome

- The Committee also reviewed the draft FY 2026 Metro JPA Operating Budget line by line. The overall budget reflects a modest 0.08% increase, attributed to Board Meeting Per Diems, meeting expenses, office supplies, and the bi-annual JPA audit contract. Two contracts will be removed: the one-time Strategic Planning contract and the NV5 engineering contract following Scott Tulloch's retirement and the completion of the Draft SARA document. The Finance Committee unanimously approved the budget as presented. Like the manual, the budget presentation will be deferred to the May Metro TAC and June Metro JPA/Commission meetings to allow for adequate introduction and review of the Draft SARA document. The draft budget can be found as Item 7 on the Finance Committee agenda at:

  https://www.metrojpa.org/Home/ShowDocument?id=4842

Please Note: The JPA website serves as a central resource for information on the Metro System, Pure Water Program, and JPA operations, providing access to key documents, updates, and contact information.

3. OPRA II Reintroduced to Congress

Lisa Celeya reported at Metro TAC that Congressman Scott Peters did reintroduce OPRA II last month. The link takes you to his press release, where you will also find a one-page explanation of OPRA II as well as the full bill. The bill is currently awaiting consideration by the House Committee on Transportation and Infrastructure.

PUD staff have requested a meeting with their government affairs/ lobbying team and Rep. Peters office to talk through updated strategy given the changes in administration and Congress. Will keep you posted as we have more.

4. Exercise Caution with Unsolicited Emails

Considering increasing email-based threats targeting organizations and several recent incidents of Board and Executive Team members receiving spam emails, it's crucial to remain vigilant when handling unsolicited or unexpected emails. While I am not an IT specialist, I asked an IT associate to provide me with some guidelines to help protect your and our organization's computer integrity and security. **First and**

foremost, always look at the email address of the sender. If it doesn't look right, it's probably a scam. Here are some tips from my IT associate:

- **Exercise Caution with Unsolicited Emails**:
  - Be wary of emails from unknown senders, especially those requesting financial transactions or sensitive information.
  - Avoid opening attachments or clicking on links in unexpected emails, as they may contain malware.
- **Verify Unusual Requests**:
  - If you receive an email from a known contact that seems out of character or requests urgent action, verify its authenticity by contacting the sender through a trusted communication channel.
  - Or verify the email address that the sender is using. If it is not the normal email address of your contact, most likely this is a spam email address, and you should block it in your email system.
- **Report Suspicious Emails**:
  - If you suspect an email is malicious, report it to your email provider to help improve their spam detection systems.
  - If you have dedicated IT staff, make sure you report this to them.
- **Maintain Updated Security Measures**:
  - Ensure your devices have up-to-date antivirus software and that operating systems and applications are regularly updated to mitigate vulnerabilities.
- **Use Your Agencies Email System**
  - I have noticed that some Directors use personal email addresses and not the system provided by their City's/Districts. It is advisable to use your agency's email system as it has more protection from spam and IT backup support.

By collectively following these practices, we can strengthen our organization's defenses against email-based threats.

5. **Inflow and Infiltration (I&I) Study**:

   The I&I committee met on March 20th and discussed progress on action items from the previous meeting including gathering the necessary data to characterize each sewer meter basin. The committee decided to analyze the March 2025 storms as Phase 1 of the I&I study since there was ~1" of rain throughout the County and no spills. The City of San Diego is preparing a scope of work and will bring it back to the committee next meeting.

6. **Pump Station 1 Project**

   Metro Engineering Executive Team members were provided with the draft basis of design report for the Pump Station 1 project and given an opportunity to review, comment, and participate in Value Engineering meetings on the document. The project is still in the early phases of design and the Executive Team looks forward to continuing to work with the City of San Diego on it.

Upcoming Meetings:

- **Metro TAC Meeting**:
  - **Date**: April 16, 2025
  - **Format**: Zoom
  - **Main Topics**: FAB Presentation; SARA Discussion
- **Metro JPA/Commission Meeting**:
  - **Date**: May 1, 2025
  - **Format**: In-Person, MOC Auditorium
  - **Main Topics**: FAB Presentation; SARA Discussion