

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

TO: MetroTAC Representatives

Metro JPA Directors (for information only)

DATE: November 19, 2025

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

LOCATION: Metro TAC is holding its November 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 October 15, 2025 (**Attachment**)
- 2. <u>ACTION</u>: Consideration and Possible Action to Approve the Meeting Calendar for 2026 (Attachment) (Approved at 11/06/2025 Metro JPA Meeting)
- 3. <u>ACTION</u>: Consideration and Possible Action to Approve the Metro Wastewater JPA Quarterly Treasurer's Report Quarter 1 Ending September 30, 2025 (Lee Ann Jones-Santos) (Attachment) (Approved at 11/06/2025 Metro JPA Meeting)
- 4. <u>ACTION</u>: Consideration and Possible Action to Recommend Approval to the Metro JPA/Commission of the SD PUD Independent Auditor's Report Fiscal Year Ending 2020 (Adam Jones) (Attachment)
- 5. <u>ACTION:</u> Consideration and Possible Action to Recommend to the Metro JPA/Commission, Approval of the Authorization to Execute a Contract with U S Peroxide, LLC to Provide Hydrogen Sulfide Odor Control in Collection System (Tim Carroll) (Attachment)

- 6. **UPDATE:** Metro Wastewater (General) (Standing Item) (Lisa Celeya)
- 7. **UPDATE:** Pure Water Program Update (Standing Item) (Doug Owen/Ben Kuhnel)
- 8. **UPDATE**: Metro Wastewater Financial (Standing Item) (Adam Jones)
- 9. **UPDATE**: SARA Update Report (Standing Item) (Blake Berhinger/Karyn Keze)
- 10. **UPDATE:** JPA Executive Director (Standing Item) (Karyn Keze) (Attachment)
- 11. **UPDATE**: Metro Commission/JPA Board Meeting Recap (Standing Item) (Blake Behringer)
- 12. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (December 4, 2025)
- 13. Other Business of Metro TAC
- 14. Adjournment (To the next Regular Meeting December 17, 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: October 15, 2025

TIME: 11:00 AM

LOCATION: ZOOM Meeting

Metro TAC Chair Behringer called the meeting to order at 11:03 a.m.

MEETING ATTENDANCE:

Members Present

Michael Benoza, Chula Vista
Leon Firsht, Coronado (absent)
Joe Bride, Del Mar (absent)
Blake Behringer, El Cajon, Metro TAC Chair
Juan Larios, Imperial Beach (absent)
Joe Kuhn, La Mesa, Metro TAC Vice Chair
Izzy Murguia, Lemon Grove (absent)
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
Akram Bassyouni, City of San Diego
Violet Renick, San Diego
Peter Vroom, City of San Diego
Edgar Pateno, City of San Diego
Ryan Kempster, City of San Diego
Aras Rekoni, City of San Diego
Arella Beaulieu, City of San Diego
Marissa Samson, City of San Diego
Andrew MacLeod, City of San Diego

Doug Owen, Stantec/City of San Diego Ben Stewart, Stantec/City of San Diego Brian Kuhnel, Stantec/City of San Diego

JPA Staff/Consultants Present

Karyn Keze, JPA Executive Director, Keze Group Kathleen Noel, Dexter Wilson Engineering Dexter Wilson, Dexter Wilson Engineering Lee Ann Jones-Santos, Metro JPA Assistant Treasurer Lori Anne Peoples, Board Secretary

1. ACTION: Review and Approve MetroTAC Action Minutes for the Meeting of August 20, 2025

ACTION: Motion by Sumedh Bahl, seconded by Troy DePriest, the minutes be approved. Motion carried unanimously.

2. ACTION: Consideration and Possible Action to Recommend to the Metro JPA/Commission Approval of an Eleventh Amended Joint Powers Agreement Confirming the Creation of an Agency Known as Southern California Coastal Water Research Project (SCCWRP)

Peter Vroom, City of San Diego provided a brief verbal overview of the presentation included in the agenda package.

ACTION: Motion by Beth Gentry, seconded by Troy DePriest, the agreement be forwarded to the Metro JPA/Commission. Motion carried unanimously.

3. UPDATE: Semi-Annual Pure Water Program Update

Doug Campbell, City of San Diego provided the update noting that the project is approximately 82% complete and staff is planning to start producing water in mid to late 2026. Coordination is ongoing with regulators and preparation for operation and ramp up. The next steps are commissioning and completion of the major projects along with the study of the best path forward for Pure Water Phase 2. Further, in responding to questions of TAC, Doug noted that the latest assessment on wastewater flows and demands will be included in the Phase 2 study; confirmed that full secondary at Point Loma is one option; OPRA II has no firm timeline, and staff should have an update on the NPDES permit by the end of the year.

Akram Bassyouni, City of San Diego, provided a brief overview of his presentations included in the agenda package.

- a. <u>ACTION</u>: Consideration and Possible Action to Recommend to the Metro JPA, Amendment No. 4 to the Agreement with Jacobs-CH2M Hill Engineers, Inc. for As-Needed Construction Management Services Conveyance Projects Contract Number H176955
- b. ACTION: Consideration and Possible Action to Recommend to the Metro JPA, Pure Water Program Amendment No. 3 to the Agreement with Parsons-Black & Veatch Joint Venture for As-Needed Construction Manager Treatment Plant and Facilities Projects Contract Number H176935
- c. ACTION: Consideration and Possible Action to Recommend to the Metro JPA, Pure Water Program First Amendment to the agreement with PMWeb, Inc., to provide web-based project control system for Pure Water Program Phase 1 Sole Source Agreement #4265

ACTION: Motion by Carmen Kasner, seconded by Beth Gentry, the Amendments in Items 3 a-c be forwarded to the Metro JPA/Commission. Motion carried unanimously.

4. <u>PRESENTATION</u>: <u>Pure Water Unit Cost Analysis and Update on Phase 2</u> <u>Planning Approach</u>

Lisa Celaya, City of San Diego, provided a verbal overview of her presentation included in the agenda package. The presentation included the latest analysis of unit costs and planning of Phase 2, including projected water sales, unit costs for water and wastewater customers and a comparison to other projects and sources.

A request was made by TAC for clarification on the wastewater unit cost NPV and the assumptions for Phase 2 costs.

5. <u>UPDATE: Metro Wastewater (General) (Standing Item)</u>

None.

6. <u>UPDATE: Pure Water Program Update (Standing Item)</u>

a. Quarterly Construction Update

Doug Owen, Stantec/City of San Diego, provided an overview of the chart included in the agenda package.

7. <u>UPDATE: Metro Wastewater Financial (Standing Item)</u>

Adam Jones, City of San Diego, stated that staff is still working with MGO on completing the audits for November. The bond funds have been used up and they will be going out again next spring for more capital funding. Staff are also working on the next 5-year update which they will release once their rates have been approved.

8. UPDATE: JPA Executive Director (Standing Item)

Executive Director Keze noted that her report was attached to the agenda and included September along with an update on the JPA Board action of October. Further, she noted that staff were working on obtaining quotes for a new website and requested ideas and volunteers interested in being on the Ad Hoc. There will be a Succession Planning Ad Hoc meeting next Wednesday. She then explained the importance of the "NEWS" section on the website. Ms. Keze announced that SARA is scheduled, along with the Administrative Agreement, to go to the La Mesa Council for approval on November 13 and Joe Kuhn stated he would share his DRAFT staff report with anyone interested. They are anticipating having a very brief presentation.

9. <u>UPDATE: Metro Commission/JPA Board Meeting Recap (Standing Item)</u>

MetroTAC Chair Behringer provided a very brief overview of the items covered at the October JPA meeting.

10. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (November 6, 2025)

Items 2, 3a-c and 6a will move forward.

11. Other Business of Metro TAC

None.

12. Adjournment to the next Regular Meeting November 19, 2025)

There being no further business, Chair Behringer adjourned the meeting at 1:04 p.m.

2026 Metro JPA/Comm and Metro TAC Meeting Calendar

| METRO JPA/COMMISSION | METRO TAC |
|--------------------------------------|--------------------|
| January 1, 2026 CANCELLED | January 21, 2026 |
| February 5, 2026 | February 18, 2026 |
| March 5, 2026 | March 16, 2026 |
| April 2. 2026 | April 15, 2026 |
| May 7, 2026 | May 20, 2026 |
| June 4, 2026 & SANDIST (follows JPA) | June 17, 2026 |
| July 2, 2026 | July 15, 2026 |
| August 6, 2026 | August 19, 2026 |
| September 3, 2026 | September 16, 2026 |
| October 1, 2026 | October 21, 2026 |
| November 5, 2026 | November 18, 2026 |
| December 3, 2026 | December 16, 2026 |



Metro Wastewater Joint Powers Authority Treasurer's Report ending September 30, 2025

UNAUDITED

Metro Wastewater JPA Treasurer's Report ending September 30, 2025 Unaudited

| Beginning Cash Balance at July 1, 2025 | \$ 789,358 |
|---|-----------------|
| Operating Results | |
| Membership Dues & Interest Income | 792,941 |
| Expenses | (153,425) |
| Change in Net Position | 639,516 |
| Net change in Receivables & Payables | (108,795) |
| Cash provided by Operations | 530,721 |
| Ending Cash Balance at September 30, 2025 | \$ 1,320,078 |
| | |
| Funds with LAIF including Interest | \$ 1,228,038 |
| Funds in Checking and Savings Accounts | \$ 92,040 |
| | |
| | |
| | |
| Check Ending Cash Balance | 1,320,078 |
| | \$ - |

Metro Wastewater JPA Statement of Net Position

As of July 1, 2025 and September 30, 2025 Unaudited

| | Ju | ly 1, 2025 | Septe | mber 30, 2025 | \$ Change |
|---|----|------------|-----------------|----------------------|---------------|
| <u>ASSETS</u> | | | | | |
| Checking/Savings | \$ | 789,358 | \$ | 1,320,078 | \$ 530,721 |
| Accounts Receivable | | 7,119 | | 128,518 | 121,399 |
| Total Assets | \$ | 796,477 | \$ | 1,448,596 | \$ 652,120 |
| <u>LIABILITIES</u> | | | | | |
| Accounts Payable | \$ | 56,320 | \$ | 68,924 | \$ 12,604 |
| Unearned Membership Billings | | <u> </u> | | | |
| Total Liabilities | \$ | 56,320 | \$ | 68,924 | \$ 12,604 |
| <u>NET POSITION</u> | | | | | |
| Net Position at Beginning of Period | \$ | 247,595 | \$ | 740,157 | \$ 492,562 |
| Change in Net Position | | 492,562 | | 639,516 | 146,954 |
| Net Position at End of Period | \$ | 740,157 | \$ | 1,379,673 | \$ 639,516 |
| TOTAL LIABILITIES & NET POSITION | \$ | 796,477 | \$ | 1,448,596 | \$ 652,120 |
| | | | | - | |
| Net Position at 09/30/2025 | | | \$ | 1,379,673 | |
| FY '26 Required Reserve (4 months of Op Exp) | | | | 278,171 | |
| Over (under) required reserve Contingency Reserve (3 months) | | | \$ | 1,101,502 197,714 | |
| | | | \$ | 1,299,216 | |
| Assets | | | \$ | 1,448,596 | |
| Liabilities/Equity Difference | | | <u>\$</u> \$ | 1,448,596 - | |
| Total Reserves | | | | 475,885 | |

Metro Wastewater JPA Statement of Operations Budget vs. Actual

ending September 30, 2025 Unaudited

| | Actual | Adju | sted Budget | er (Under) Budget | | Ann | ual Budget |
|--|---------------|------|-------------|----------------------|-------|-----|------------|
| Income | | | | | Month | | 3 |
| Membership Dues | \$ 790,857 | | 790,855 | \$ 2 | | \$ | 790,855 |
| City of San Diego | - | | 6,750 | (6,750) | | \$ | 27,000 |
| Interest Income | 2,084 | | 4,164 | (2,080) | | | 16,657 |
| Total Income | \$ 792,941 | \$ | 801,769 | \$ (8,828) | | \$ | 834,512 |
| Expense | | | | | | | |
| Administrative Assistant-LP | | | 12,300 | \$ (12,300) | | \$ | 49,200 |
| Bank Charges | 69 | | 50 | 19 | | | 200 |
| Contingency | - | | - | - | | | |
| Dues & Subscriptions | - | | - | - | | | - |
| Financial Services | | | - | | | | |
| Audit Fees | 2,205 | | 5,908 | (3,703) | | | 23,630 |
| Financial Consulting Support (Auditor) | - | | - | - | | | |
| Financial - The Keze Group | 49,095 | | 42,000 | 7,095 | | | 168,000 |
| Treasurer - CPA | 22,886 | | 12,500 | 10,386 | | | 50,000 |
| JPA/TAC meeting expenses | 1,358 | | 1,650 | (292) | | | 6,600 |
| Miscellaneous | - | | 892 | (892) | | | 250 |
| Per Diem - Board | 8,500 | | 13,900 | (5,400) | | | 55,600 |
| Printing, Postage, Supplies | 95 | | 200 | (105) | | | 800 |
| Professional Services | | | - | | | | |
| Engineering - Dexter Wilson | 27,343 | | 50,000 | (22,658) | | | 200,000 |
| Engineering - NV5 | - | | - | - | | | - |
| Legal - (Pure Water/2nd ARA) | 31,023 | | 37,500 | (6,477) | | | 150,000 |
| Legal - (General) | 6,671 | | 15,000 | (8,329) | | | 60,000 |
| Legal - (SD Spill 2020 & 2023) | - | | 7,500 | (7,500) | | | 30,000 |
| Paul Redvers Brown, Inc. | - | | - | - | | | - |
| Strategic Planning | = | | 7,750 | (7,750) | | | - |
| Consensus Support | - | | 10,863 | | | | 12,450 |
| IT & Communications | - | | 5,000 | (5,000) | | | 20,000 |
| Telephone, Software & Internet | 399 | | 1,000 | (601) | | | 4,000 |
| Website Architecture Update | - | | - | - | | | - |
| Website Maintenance & Hosting | 3,782 | | 946 | 2,836 | | | 3,782 |
| Total Expense | \$ 153,425 | \$ | 224,957 | \$ (60,669) | | \$ | 834,512 |
| Net Income (Loss) | \$ 639,516 | \$ | 576,812 | \$ 51,841 | | \$ | |

Metro Wastewater JPA Statement of Cash Flows

ending September 30, 2025 Unaudited

| CASH FLOWS FROM OPERATING ACTIVITIES | |
|--|--------------------------|
| Cash Receipts from Member Agencies | \$ 669,458 |
| Cash Paid to Vendors and Suppliers Net Cash Provided by Operating Activities | (140,821) 528,637 |
| CASH FLOWS FROM INVESTING ACTIVITIES | |
| Interest Earnings | 2,084 |
| Net Cash Provided by Investing Activities | 2,084 |
| NET CHANGE IN CASH AND CASH EQUIVALENTS | 530,721 |
| Cash and Cash Equivalents - Beginning of Period | 789,358 |
| CASH AND CASH EQUIVALENTS - END OF PERIOD | \$ 1,320,078 |
| RECONCILIATION OF OPERATING LOSS TO NET CASH FLOWS USED BY OPERATING ACTIVITIES | |
| Operating Income Change in Net Position Adjustments to Reconcile Operating Income to | \$ 639,516 |
| Increase in Accounts Receivable | (121,399) |
| Decrease in Accounts Payable | 12,604 |
| Interest Earnings | (2,084) |
| Total Adjustments | (110,879) |
| Net Cash Provided by Operating Activities | \$ 528,637 |

CITY OF SAN DIEGO PUBLIC UTILITIES **DEPARTMENT**

Independent Accountant's Report on Applying Agreed-Upon Procedures to the Schedule of Allocation for Billing to Metropolitan Wastewater Utility

For the Fiscal Year Ended June 30, 2020



CITY OF SAN DIEGO PUBLIC UTILITIES EPARTMENT

Independent Accountant's Report on Applying Agreed-Upon
Procedures to the Schedule of Allocation for Billing to
Metropolitan Wastewater Utility
For the Fiscal Year Ended June 30, 2020

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Independent Accountant's Report

To the Honorable Mayor and City Council City of San Diego California

We have performed the procedures enumerated below on the accompanying modified cash basis Schedule of Allocation for Billing to Metropolitan Wastewater Utility (Schedule) (attached as Attachment A) prepared by the City of San Diego Public Utilities Department (PUD) for the year ended June 30, 2020. The Metropolitan Wastewater Utility is an enterprise fund within the City of San Diego's (City) Sewer Utility Enterprise Fund which accounts for sewer services to both the City and participants of the Metropolitan Wastewater Joint Power Authority (Metro JPA). PUD's management is responsible for the Schedule and compliance with the Regional Wastewater Disposal Agreement filed on May 18, 1998, and amended on May 15, 2000, and June 30, 2010 (Agreements).

The City and Metro JPA have agreed to and acknowledged that the procedures performed are appropriate to meet the intended purpose of assisting users in understanding the allocations reported in the Schedule for the year ended June 30, 2020. This report may not be suitable for any other purpose. The procedures performed may not address all the items of interest to a user of this report and may not meet the needs of all users of this report and, as such, users are responsible for determining whether the procedures performed are appropriate for their purposes.

The procedures and the associated findings are as follows:

1. Inquire and confirm any changes in the Agreements.

Results:

We inquired of PUD management and confirmed that there were no amendments to the Agreements and no new agreements during the fiscal year ended June 30, 2020.

2. Inquire and confirm any changes in the Exhibit E billing process.

Results:

We inquired of PUD management and confirmed that there were no changes in the Exhibit E of Strength Based Billing (SBB) process during the fiscal year ended June 30, 2020.

3. Calculate the change in line-item balances in the Schedule of Allocation for Billing to Metropolitan Wastewater Utility (Attachment A) between the year ended June 30, 2020, and the prior year and inquire about changes greater than 10%.

Results:

We noted two line-items with changes greater than 10% from the prior year:

- Capital improvement expenses under Metropolitan System increased by 15% (\$6.4 million). Per inquiry with the PUD accountant, the change was due to construction in progress of three projects at the Metropolitan System facilities:
 - Metropolitan Biosolids Center colling water system chiller upgrade
 - Ultraviolet disinfection system replacement
 - Pump Station 1 and Pump Station 2 cooling tower replacement
- Release of 2009 Series A&B Bond Reserves under Metropolitan System decreased by 100% (\$37.4 million). Per inquiry with the PUD accountant, the 2009 Series A&B bonds were retired and the reserve was and used to pay off remaining debt services. There was no other release of bond reserves in the current fiscal year.
- 4. Inquire and confirm changes in the monitoring process over the sewer flow measurement.

Results:

We inquired of PUD management and confirmed that there were no changes in the sewer flow monitoring process.

5. Inquire and confirm any changes in the process and criteria for capturing and summarizing sewer flow data reported in the Flow Metering Section Monthly Reports.

Results:

We inquired of PUD management and confirmed that there were no changes in process and criteria for capturing and summarizing sewer flow data in the Flow Metering Section Monthly Report.

6. Obtain the Flow Metering Section Monthly Reports (FMS Reports) (excel workbook: FY20 FMS Report) for the fiscal year for each Participating Agency (PA) of Metro JPA and the City both which participate in the Metropolitan Wastewater Collection System (the Metropolitan System). Recalculate the Summary tab of the FMS Reports workbook using each individual monthly tab.

Result:

Procedure performed without exception.

7. Obtain the Strength Based Billing schedule of percentages (SBB schedule) for each PA and the City under the Metropolitan System and recalculate mathematical accuracy of the schedule.

Result:

Procedure performed without exception. Refer to **Attachment B** for the SBB schedule for each PA and the City of the Metropolitan System.

8. Agree the individual sewer flow schedules in the FMS Reports workbook and SBB schedule for each PA and the City to the allocation schedule prepared to aggregate and summarize all PA's and City sewer flows allocations. Recalculate the mathematical accuracy of the summary schedule.

Result:

Procedure performed without exception. Refer to **Attachment B** for the allocation schedule for each PA and the City under the Metropolitan System.

9. Recalculate the mathematical accuracy of the amount billed to each PA. Agree each PA's final adjustment to the PA invoices.

Result:

We obtained the summary of invoices submitted to each PA and the schedule of allocation of costs by flow, suspended solids and chemical oxygen demand. We traced the allocated cost to each PA to the Schedule to compare to the invoiced amount to verify mathematical accuracy of the adjustment amount. Refer to **Attachment C.**

10. Compare that the Schedule, generated from the City's SAP GL system utilized to compile and prepare the City's fiscal year ended June 30, 2020 Annual Comprehensive Financial Report (ACFR), to the Schedule to confirm completeness of the Exhibit E expense population used to select individual transactions samples.

Result:

We obtained a reconciliation from the operating expenses reported in the City's fiscal year ended June 30, 2020 ACFR to the total expenses in the Schedule to verify the completeness of the population of expenses.

- 11. From the transaction detail of the Schedule, select 95 transactions using the following stratifications:
 - a) Five (5) transactions exceeding \$15,000 related to chemical purchases
 - b) 45 transactions exceeding \$15,000 and less than \$50,000
 - c) 45 transactions exceeding \$50,000.

For each transaction selected perform the following procedures:

- a) Agree transaction to original source documentation and inclusion in the Schedule.
- b) Confirm the transaction is in compliance with the City and PA's contractual agreements.

Result:

We selected 95 expense transactions from the Metropolitan System fund and performed the procedures. Refer to **Attachment D** for the summary of findings.

12. Select 100 transactions from a transaction report extracting a listing of all expense transactions in excess of \$15,000. For each transactions selected, confirm transactions was excluded from the total allocation for billing purpose of Metropolitan system.

Result:

We selected 100 expense transactions from the Municipal System fund and performed the procedures. Procedures performed without exception.

- 13. Obtain 100 transactions selected by the Metro Commission/Metro TAC representative from the Metropolitan fund described above, consisting of Pure Water transactions of \$2,500 or more and non-Pure Water transactions of \$15,000 or more.
 - a) For each Pure Water transaction, confirm the purchase order allocation percentage in the SAP system agrees with the agreements between the City and PA.
 - b) For each non-Pure Water transactions agreed to original source documentation and inclusion in the total allocation for the billing purpose of the Metro system.
 - c) For each transaction confirm compliance with the City and PA's contractual agreements.

Result:

We obtained 100 transactions selected by the Metro Commission/Metro TAC representative and performed the procedures. Procedures performed without exception.

14. The City will provide Metro Commission/Metro TAC representatives with the detailed annual capital projects report (WBS Summary workbook) and the Debt Service Allocation workbook that support the capital improvement expense and debt service allocation line items, respectively in the Schedule. Agree WBS Summary workbook and Debt Service Allocation workbook to the CIP and debt service reconciliations and agree the reconciliations to respective line-item captions on the Schedule.

Result:

Procedure performed without exception.

15. Obtain supporting documents for 25 transactions (related to capital projects and income credits and other fund contributions) agree amounts to the Revenue Ledger maintained by the City. Metro Commission/Metro TAC representatives are to select and provide the 25 transactions.

Result:

We obtained the supporting documents for 25 transactions selected by the Metro Commission/Metro TAC representative and agreed amounts to the Revenue Ledger maintained by the City. Refer to **Attachment D** for the summary of findings.

16. Agree the debt service allocation agreed to by the City and Metro JPA to the Debt Service Allocation workbook and trace the actual transaction records in the SAP GL system. Ascertain that benefits and credits, if any, associated with bond financing have been reported in accordance with the agreed upon allocation percentages. Confirm that the methodology used in billing the PA's for debt services payments are in accordance with the agreed upon allocation.

Result:

Procedure performed without exception.

17. Obtain the listing of legal expense transactions recorded in the Metropolitan System fund for the period July 1, 2019 through June 30, 2020. For transactions greater than \$15,000, obtain supporting documentation and confirm that transactions relate to the activities of the Metropolitan System fund and recalculate the allocation between the Municipal System and Metropolitan System.

Result:

Procedure performed without exception.

18. Obtain the listing of charges allocated from the City Attorney's Office (Internal Order) recorded in the Metropolitan System fund for the period July 1, 2019 through June 30, 2020. Summarize the transactions by program description and recalculate the allocation of expenses, based on the allocation methodology defined in the Internal Order, between the Municipal System and Metropolitan System.

Result:

No exceptions noted as a result of the procedure.

- 19. Recalculate the operating reserve and debt service coverage ratio and compare to the thresholds outlined in the Administrative Protocol document dated April 19, 2010.
 - a. If the operating reserve is less than 45 days, confirm that the City calculated and billed the PA's for additional funding.
 - b. If the debt service coverage ratio is less than 1.2, confirm that the City calculated and billed the PA's for additional funding.

Result:

We recalculated the operating reserve and debt service coverage ratio without exception and noted that these amounts exceeded the minimum thresholds defined in the Administrative Protocol of 45 day and 1.2 respectively. Refer to **Attachment E** for the operating reserve contribution and operating reserve balance as of June 30, 2020, by PA.

20. Obtain a schedule of operating and maintenance (O&M) and capital expenditures incurred on Pure Water projects from July 1, 2019 through June 30, 2020, and agree amounts to the SAP system.

Result:

Procedure performed without exception. Refer to **Attachment F** for the summary schedule of Pure Water project costs.

We were engaged by the City to perform this agreed-upon procedures engagement and conducted our engagement in accordance with attestation standards established by the AICPA. We were not engaged to and did not conduct an examination or review, the objective of which would be the expression of an opinion or conclusion, respectively, on the Schedule. Accordingly, we do not express such an opinion or conclusion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

We are required to be independent of the PUD and the City and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements related to our agreed-upon procedures engagement.

This report is intended solely for the information and use of management of the City and PUD, the Metro Commission and the participant agencies of Metropolitan System, and is not intended to be and should not be used by anyone other than these specified parties

San Diego, California November 6, 2025

Macias Gini & O'Connell LAP

Attachment A

CITY OF SAN DIEGO PUBLIC UTILITIES EPARTMENT

Schedule of Allocation for Billing to Metropolitan Wastewater Utility
For the Fiscal Year Ended June 30, 2020

| <u>-</u> | | Operating Expenses | |
|---|-------------------------|------------------------|-------------------------|
| _ | Municipal System | Metropolitan System | Total |
| Transmission Main Cleaning | 11.641.004 | | 11 541 004 |
| Sewer Pump Stations. | 11,541,804 5,621,193 | - | 11,541,804 5,621,193 |
| Other Pump Stations. | 5,091,621 | 934,004 | 6,025,625 |
| Pump Station 1 | 3,091,021 | 2,123,175 | 2,123,175 |
| Pump Station 2. | _ | 6,583,379 | 6,583,379 |
| Other Muni Agencies. | 3,025,643 | 0,000,017 | 3,025,643 |
| Pipeline Maintenance & Repair. | 14,085,031 | | 14,085,031 |
| Wastewater Collection (WWC) Engineering & Planning | 2,687,730 | • | 2,687,730 |
| Total Transmission. | 42,053,022 | 9,640,558 | 51,693,580 |
| - | 42,033,022 | 2,040,336 | 31,093,360 |
| Treatment and Disposal | | | |
| Point Loma Wastewater Treatment Plan (PTLWWTP) | - | 26,318,830 | 26,318,830 |
| North City Water Reclamation Plant (NCWRP) | - | 10,075,220 | 10,075,220 |
| South Bay Water Reclamation Plant (SBWRP) | - | 8,707,056 | 8,707,056 |
| Metropolitan Biosolids Center (MBC) | - | 15,949,652 | 15,949,652 |
| Cogeneration Facilities | _ | 1,286,266 | 1,286,266 |
| Gas Utilization Facility (GUF) | _ | 1,375,023 | 1,375,023 |
| Wastewater Treatment and Disposal (WWTD) Plant Engineering | _ | 441,173 | 441,173 |
| Total Treatment and Disposal | | 64,153,220 | 64,153,220 |
| • | | | |
| Quality Control | | | |
| Sewage Testing & Control | 292,118 | 499,880 | 791,998 |
| Marine Biology & Ocean Operations | - | 6,146,960 | 6,146,960 |
| Wastewater Chemistry Services | 1,248,125 | 6,737,179 | 7,985,304 |
| Industrial Permitting & Compliance | 4,893,182 | - | 4,893,182 |
| Total Quality Control | 6,433,425 | 13,384,019 | 19,817,444 |
| | | | |
| Engineering | | | |
| Program Management & Review | 3,115,502 | 12,918,058 | 16,033,560 |
| Environmental Support. | 1,352,448 | 194,673 | 1,547,121 |
| Total Engineering | 4,467,950 | 13,112,731 | 17,580,681 |
| | | | |
| Operational Support | | | |
| Central Support: Clean Water Operations Management Network (Comnet) | 186,373 | 3,886,237 | 4,072,610 |
| Operational Support | 1,047,756 | 4,817,272 | 5,865,028 |
| Total Operational Support | 1,234,129 | 8,703,509 | 9,937,638 |
| | | | |
| General & Administrative | | | |
| Business Support Admin | 21,811,527 | 21,847,578 | 43,659,105 |
| Operating Division Admin. | 6,801,032 | 5,094,784 | 11,895,816 |
| Total General & Administrative | 28,612,559 | 26,942,362 | 55,554,921 |
| TOTAL PURPOSOTO | | | |
| TOTAL EXPENSES. | 82,801,085 | 135,936,399 | 218,737,484 |
| | | | |
| | | | |
| CAPITAL IMPROVEMENT EXPENSE | 88,440,343 | 49,041,093 | 137,481,436 |
| | | | |
| DEBT SERVICE ALLOCATION | 32,980,615 | 73,271,985 | 106,252,600 |
| | | | |
| METROPOLITAN SYSTEM INCOME CREDITS | | | |
| Operating Revenue | - | (24,511,576) | (24,511,576) |
| CIP - Revenue Bond | - | • | ~ |
| Operating - Grant Revenue | - | н | |
| CIP - Grant/SRF Revenue | <u> </u> | (22,953,082) | (22,953,082) |
| TOTAL METROPOLITAN SYSTEM INCOME CREDITS | <u> </u> | (47,464,658) | (47,464,658) |
| | | | |
| TOTAL ALLOCATION FOR BILLING PURPOSES | 204,222,043 | 210,784,819 | 415,006,862 |
| AMOUNT INVOICED IN FY20 FOR FY20 SERVICES | | 79,999,996 | |
| ADDOUGH ANTOIOED IN FIZU FOR FIZU SERVICES | - | 12,222,220 | |
| | | | |
| (OVER) / UNDER BILLED REVENUE FOR THE YEAR ENDED 06/30/2020 | , | (6,605,188) | |
| , , , , , , , , , , , , , , , , , , , | | (0,005,100) | |

Attachment B

CITY OF SAN DIEGO PUBLIC UTILITIES EPARTMENT

System Wastewater Characteristics in Quantities and in Percentages by Participating Agencies For the Fiscal Year Ended June 30, 2020

| | WASTEWA | WASTEWATER CHARACTERISTICS | USTICS | UNADI | UNADJUSTED ANNUAL USE | USE | | ADJUS | ADJUSTED ANNUAL USE | SE | | | | |
|---------------------------------|----------------|----------------------------|-----------|------------|-----------------------|--------------|------------|------------|---------------------|-------------|-------------|-----------|-----------------------|----------|
| | | | | 2020 FLOWS | SS | COD | 2020 FLOWS | Flow | FY 2020 | SS | COD | ES | Expressed in Percents | |
| AGENCY | AVERACE | SS | COD | million | thousand | thousand | million | Difference | Billing | thousand | thousand | • | ! | |
| | FLOW - mgd (a) | mg/1(b) | mg/1(b) | gallons | pounds | pounds | gallons | (9) | Flows | spanod | pounds | Flow | SS | COD |
| CHULA VISTA | 16.613 | 316236 | 803,145 | 6,080,481 | 16,045.446 | 40,750,620 | 6,489.198 | (82,200) | 6,406.997 | 20,495.187 | 40,250 | 10.41% | %06'01 | 10.88% |
| CORONADO | 1.391 | 311.702 | 664,615 | 509.272 | 1,324.621 | 2,824,372 | 543.504 | (6.885) | 536,619 | 1,691.966 | 2,790 | 0.87% | 0.90% | 0.75% |
| DEL MAR | (0.003) | 297.340 | 487,831 | (1.064) | (2.640) | (4.332) | (1.136) | 0.014 | (1.121) | (3.373) | 4 | 0.00% | %00.0 | 0.00% |
| EAST OTAY MESA | 922'0 | 265.520 | 680,753 | 101.001 | 223.782 | 573.742 | 107.790 | (1365) | 106,425 | 285.842 | 567 | 0.17% | 0.15% | 0.15% |
| EL CAJON | 7,335 | 447.127 | 911.276 | 2,684.582 | 10,016.361 | 20,414.054 | 2,865.034 | (36.292) | 2,828.742 | 12,794,109 | 20,163 | 4.60% | 6.80% | 5.45% |
| IMPERIAL BEACH | 2.057 | 233.321 | 622,816 | 752.871 | 1,465.809 | 3,912,758 | 803.477 | (10.178) | 793,299 | 1,872,309 | 3,865 | 129% | 1.00% | 1.04% |
| LA MESA | 4.892 | 251.637 | 673.200 | 1,790.540 | 3,759.765 | 10,058,432 | 1,910.896 | (24.206) | 1,886.690 | 4,802.427 | 9,935 | 3.07% | 2.55% | 2,68% |
| LAKESIDE/ALPINE | 2,980 | 279,909 | 696.938 | 1,090,780 | 2,547,747 | 6,343.564 | 1,164,099 | (14.746) | 1,149.354 | 3,254,291 | 9779 | 1.87% | 1.73% | 1.69% |
| LEMON GROVE | 1.926 | 270.527 | 928.829 | 705,032 | 1,591,556 | 3,954.995 | 752,423 | (9.531) | 742.891 | 2,052.929 | 3,887 | 121% | 1.08% | 1.05% |
| NATIONAL CITY | 4.328 | 253.446 | 800.449 | 1,584,166 | 3,350.336 | 10,581,248 | 1,690,650 | (21.416) | 1,669,234 | 4,279,455 | 10,451 | 2,71% | 2.28% | 2.82% |
| OTAY | 0.310 | 688.280 | 805.733 | 113,365 | 651.096 | 762.204 | 120,985 | (1.533) | 119.452 | 831.659 | 753 | 0.19% | 0.44% | 0.20% |
| PADREDAM | 2,682 | 1,061.409 | 1,534.402 | 981.586 | 8,693.881 | 12,568,115 | 1,047,566 | (13.270) | 1,034,297 | 11,104.878 | 12,414 | 1.68% | 5.90% | 3,35% |
| POWAY | 2.844 | 252,562 | 606.663 | 1,040,842 | 1,933.030 | 180.692,5 | 1,110,805 | (14.071) | 1,096,734 | 2,469.100 | 5,204 | 1.78% | 1.31% | 1.41% |
| SPRING VALLEY | 4.449 | 258.993 | 677.127 | 1,628.435 | 3,519,338 | 9,201,168 | 1,737.895 | (22.014) | 1,715.880 | 4,495,325 | 880'6 | 2.79% | 239% | 2,46% |
| WINTERGARDENS | 0.937 | 307.186 | 665 252 | 342,986 | 879.185 | 1,903,993 | 366.041 | (4.637) | 361,404 | 1,123.002 | 1.881 | 0.59% | %0970 | 0.51% |
| SUBTOTAL PARTICIPATING AGENCIES | 53.019 | 345.835 | 797.247 | 19,404,874 | 55,999.313 | 129,094.013 | 10,709.127 | (262.329) | 20,446.899 | 71,529,105 | 127,508,538 | 33,2338% | 38.0315% | 34.4598% |
| SAN DIEGO | 106.514 | 280.493 | 754,767 | 38,984.014 | 91,245.271 | 245,528.402 | 41,604.434 | (527.013) | 41,077.421 | 116,549,511 | 242,512,931 | %11% | 61.97% | 65.54% |
| REGIONAL SLUDGE RETURNS | 10.723 | 268.809 | 190,055 | 3,924.773 | 8,803.618 | 6,224,377 | | | | | | | | |
| FLOW DIFFERENCE | (2,157) | | | (789.342) | 32,030.415 | (10,825,323) | | | | | | | | |
| TOTAL | 168,099 | 366.345 | 720.738 | 61,524,320 | 188,078.616 | 370,021,469 | 62,313,661 | (789.342) | 61,524.320 | 188,078.616 | 370,021.469 | 100,0000% | . 100.000% | 100.000% |

⁽a) Flows based on metered, housecounts and inter-agency flow, adjustment to City of San Diego flow fix centrate, chemical additions reduction, plus an addition for recycled water.

⁽b) SS and COD characteristics based on samples taken by PUD's Environmental Monitoring and Technical Services Division through June 30, 2020 - proportionate share of return flow loadings calculated in the "ADJUSTED ANNUAL USE" BOX

⁽c) Flow difference between metered/housecount and facility totals.

Attachment C

CITY OF SAN DIEGO PUBLIC UTILITIES EPARTMENT

System Wastewater Characteristics Allocation by Participating Agencies For the Fiscal Year Ended June 30, 2020

| | | ALLOCA | ALLOCATION OF COSTS BY FLOW, SUSPENDED SOLIDS AND CHEMICAL OXYCEN DEMAND | S BY FL | OW, SUSPEND YŒN DEMANI | ED (| | | | |
|----------------------------------|----------------|-------------|--|---------------|---------------------------|----------------|-------------------------|---------------------------|-------|-------------|
| AŒNCY | FLOW (a) | - | SS (a) | • | COD (a) | TOT | TOTAL FLOW, SS & COD | TOTAL PAID FOR FY 2020 | D 0. | DIFFERENCE |
| CHULA VISTA | \$ 10,758,698 | | 6,179,309 | €-5 | 5,522,296 | 6/3 | 22,460,303 | \$ 24,144,148 | | (1,683,845) |
| CORONADO | 901,097 | | 510,129 | | 382,743 | | 1,793,969 | 2,809,604 | 504 | (1,015,635) |
| DEL MAR | (1,883) | | (1,017) | | (587) | | (3,487) | 45,960 | 09(| (49,447) |
| EAST OTAY MESA | 178,709 | | 86,181 | | 77,750 | | 342,641 | 369,572 | 572 | (26,931) |
| EL CAJON | 4,750,054 | | 3,857,430 | | 2,766,399 | | 11,373,882 | 11,751,112 | 112 | (377,230) |
| IMPERIAL BEACH | 1,332,117 | | 564,502 | | 530,235 | | 2,426,854 | 2,956,336 | 36 | (529,482) |
| LA MESA | 3,168,150 | | 1,447,934 | | 1,363,063 | | 5,979,146 | 6,125,448 | 148 | (146,302) |
| LAKESIDE/ALPINE | 1,930,007 | | 981,170 | | 859,644 | | 3,770,821 | 4,960,152 | 52 | (1,189,331) |
| LEMON GROVE | 1,247,471 | | 612,929 | | 533,248 | | 2,393,648 | 2,789,176 | 92 | (395,528) |
| NATIONAL CITY | 2,802,996 | | 1,290,258 | | 1,433,912 | | 5,527,166 | 5,635,936 | 36 | (108,770) |
| OTAY | 200,585 | | 250,746 | | 103,290 | | 554,620 | 733,532 | 132 | (178,912) |
| PADREDAM | 1,736,802 | | 3,348,126 | | 1,703,161 | | 6,788,089 | 5,365,192 | 92 | 1,422,897 |
| POWAY | 1,841,648 | | 744,435 | | 714,036 | | 3,300,119 | 4,057,532 | 32 | (757,413) |
| SPRING VALLEY | 2,881,324 | | 1,355,343 | | 1,246,891 | | 5,483,558 | 6,802,256 | 95 | (1,318,698) |
| WINTERGARDENS | 606,874 | | 338,586 | | 258,019 | | 1,203,478 | 1,454,040 | 40 | (250,562) |
| SUBTOTAL PARTICIPATING A GENCIES | \$ 34,334,648 | ₩ | 21,566,060 | ↔ | 17,494,100 | S | 73,394,808 | 966,666,67 | \$ 96 | (6,605,188) |
| SAN DIEGO | 68,977,639 | _ | 35,139,734 | | 33,272,638 | | 137,390,011 | | | |
| TOTAL | \$ 103,312,287 | \$ | 56,705,795 | \$ | 50,766,738 | \$ | 210,784,819 | | | |

(a) Allocations based on annual flows and strength loadings - See Attachment B

Attachment D

CITY OF SAN DIEGO PUBLIC UTILITIES EPARTMENT Summary of Findings over Cost Allocation For the Fiscal Year Ended June 30, 2020

Attachment E

CITY OF SAN DIEGO PUBLIC UTILITIES EPARTMENT

Participating Agencies Reserve Contribution by Participating Agencies For the Fiscal Year Ended June 30, 2020

| FY 2020 Adjusted Reserve Ending Balance | 1,836,244 | 204,529 | 59,126 | 4,530 | 949,589 | 239,936 | 564,250 | 345,976 | 231,921 | 486,210 | 31,751 | 325,945 | 358,832 | 641,185 | 99,972 | 6,379,996 |
|--|---------------|----------|---------|---------------|----------|----------------|---------|-----------------|-------------|----------------|--------|----------|---------|---------------|---------------|---------------|
| FY 2020 PA Contribution to meet Res | - \$ | 1 | ţ | Ţ | | | · | £ | 1 | a | 1 | ı | ı | ı | 1 | \$ - |
| FY 2020 Reserve Endding Balance | 1,836,244 | 204,529 | 59,126 | 4,530 | 949,589 | 239,936 | 564,250 | 345,976 | 231,921 | 486,210 | 31,751 | 325,945 | 358,832 | 641,185 | 99,972 | 6,379,996 |
| FY 2020 Fund Balance Interest Allocation (3) | \$ 108,518 \$ | 680'6 | (61) | 1,803 | 47,912 | 13,436 | 31,956 | 19,467 | 12,583 | 28,272 | 2,022 | 17,518 | 18,576 | 29,063 | 6,121 | 346,317 \$ |
| FY 2020 Reserve F Interest Allocation (2) | \$ 35,905 \$ | 3,007 | (9) | 969 | 15,852 | 4,446 | 10,573 | 6,441 | 4,163 | 9,354 | 0.29 | 5,796 | 6,146 | 9,616 | 2,025 | \$ 114,584 \$ |
| FY 2020 Reserve Beginning Balance | 1,691,821 | 192,433 | 59,151 | 2,131 | 885,825 | 222,054 | 521,721 | 320,068 | 215,175 | 448,584 | 29,059 | 302,631 | 334,110 | 602,506 | 91,826 | 5,919,095 |
| FY 2020 Flow Percentage (1) | 31.335% \$ | 2.624% | -0.005% | 0.520% | 13.835% | 3.880% | 9.227% | 5.621% | 3.633% | 8.164% | 0.584% | 5.058% | 5.364% | 8.392% | 1.768% | \$ %00.001 |
| Agency | CHULA VISTA | CORONADO | DEL MAR | EAST OTAYMESA | EL CAJON | IMPERIAL BEACH | LA MESA | LAKESIDE/ALPINE | LEMON GROVE | NA TIONAL CITY | OTAY | PADREDAM | POWAY | SPRING VALLEY | WINTERGARDENS | TOTAL |

NOTES

- (1) FY2020 Audited PA Flow percentage used to determine allocation (2) FY2020 Interest earned on Reserve account added to reserve
- (3) FY2020 Interest earned on undesignated fund balance added to reserve

Attachment F

CITY OF SAN DIEGO PUBLIC UTILITIES EPARTMENT
Pure Water Project Program Costs to the Metropolitan System
For the Fiscal Year Ended June 30, 2020

| | FY2020 Pure Water Program Costs | | |
|---|------------------------------------|------------|--|
| Total operating and maintenance costs | | 5,580,481 | |
| Capital improvement costs: | | | |
| Morena Blvd. Pump Station and Pipelines | | 3,042,564 | |
| North City Water Reclamation Plant | | | |
| Expansion | | 12,406,242 | |
| Metropolitan Biosolids Center (MBC) | | | |
| Improvements | | 168,248 | |
| Total capital improvement costs | | 15,617,054 | |
| Total Pure Water Program – Metropolitan | | | |
| Wastewater Fund costs | | 21,197,535 | |

METRO JPA/TAC Staff Report Date: 11/13/25

| _ | | • | | _ | - 41 | |
|---|----|----|-----|---|------|-----|
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| | ro | ıc | ·ι | • | ıu | ıc. |

Contract with U S Peroxide, LLC (dba USP Technologies) (RFP 10090193-25-H) to provide Hydrogen Sulfide Odor Control in Collection Systems.

Presenter(s) Name: Tim Carroll

Presenter(s) Title: Deputy Director

Public Utilities Department, Wastewater Treatment Division

Requested Action:

Metro JPA/Commission authorization to execute a contract with U S Peroxide, LLC (dba USP Technologies) to provide a full-service management program (operations and maintenance) for hydrogen sulfide odor control in collection systems, which includes Hydrogen Peroxide and Ferrous Chloride.

Recommendations:

Approve the Metro expenditure request and forward to the Metro Commission.

| To be submitted for consideration. |
|------------------------------------|
| N/A |
| N/A |
| |
| |
| |

Fiscal Impact:

| | Is this projected budgeted? | Yes X No | | |
|--|-----------------------------|--|--|--|
| Cost breakdown between It is estimated that funding will be distributed as follows: | | | | |
| | Metro & Muni: | Metro \$62,442,415.28; Muni \$0 | | |
| | Fiscal impact to the Metro | 33% of Metro costs is approximately \$20,605,997.04. | | |
| | JPA: | • | | |

Capital Improvement Program:

| New Project? | Yes | No | N/A <u>X</u> | | |
|-------------------|-----|----|------------------|--------|--------------|
| Existing Project? | Yes | No | Upgrade/addition | Change | N/A <u>X</u> |

Previous TAC/JPA Action: N/A

Additional/Future Action:

Anticipated for City Council Environmental Committee Meeting in January 2026.

City Council Action:

Anticipated for February 2026.

Background:

The Public Utilities Department utilizes a full-service management program (operations and maintenance) for hydrogen sulfide odor control in collection systems, which includes Hydrogen Peroxide and Ferrous Chloride, and to supplement and enhance Chemically Enhanced Primary Treatment. These chemicals are required to meet regulatory compliance and provide effective and efficient odor control and corrosion prevention throughout the wastewater collection system at multiple facilities.

Discussion:

These are operational and regulated items within the wastewater collection treatment process.

Bid Results:

A Request for Proposal (10090193-25-H) to provide the City of San Diego with a full-service management program (operations and maintenance) for hydrogen sulfide odor control in collection systems, was issued October 16, 2024, by the Purchasing and Contracting Department. The bid process closed on January 15, 2025. The contract term will be for five years.

A total of 2 bids were received. Following the RFP evaluation criteria, U S Peroxide, LLC received a final score of 95.07, while Pencco, Inc. received a final score of 73.67. U S Peroxide, LLC was determined to be the most qualified and responsive bidder based on the RFP scope specifications and scoring criteria evaluation.

U S Peroxide, LLC's bid pricing for Hydrogen Peroxide (50%) is \$3.99 per gallon at PLWTP, PS #2, NCWRP and \$2.15 for SBWRP; Ferrous Chloride (32-37%) is \$1,645 per dry ton at PS #1, Penasquitos PS, PS #65, and the Del Mar Lift Station. This contract will be awarded in an amount not to exceed \$62,442,415.28 for Ferrous Chloride and Hydrogen Peroxide.

The prior contract's latest pricing, as of July 1, 2025, for Hydrogen Peroxide (50%) is \$5.50 per gallon and Ferrous Chloride (32-37%) is \$1,992 per dry ton. This calculates to an estimated 27% per gallon cost savings for Hydrogen Peroxide and 17% per dry ton cost savings for Ferrous Chloride.

The Purchasing & Contracting Department issued the Notice of Intent to Award on June 27, 2025.

Revised: 20140409



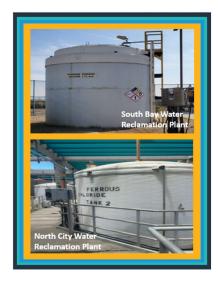
Public Utilities

Execute a Contract with U S Peroxide, LLC to Provide Hydrogen Sulfide Odor Control in Collection Systems



Metro TAC November 2025

Background



SAN DIEGO

- The Public Utilities Department uses a full-service management program (operations and maintenance) for hydrogen sulfide odor control in collection systems, which includes Hydrogen Peroxide and Ferrous Chloride, and to supplement and enhance Chemically Enhanced Primary Treatment.
- These chemicals are required to meet operational and regulatory compliance within the wastewater collection treatment process.

Facilities



Point Loma Wastewater Treatment Plant

Hydrogen Peroxide (50%)

- Point Loma Wastewater Treatment Plant
- Pump Station #2
- North City Water Reclamation Plant
- South Bay Water
 Reclamation Plant

Ferrous Chloride (32-37%)

- Pump Station #1
- Penasquitos Pump Station
- Pump Station #65
- Del Mar Lift Station



RFP Bid Results

- A Request for Proposal (10090193-25-H) to provide a full-service management program (operations and maintenance) for hydrogen sulfide odor control in collection systems, which includes Hydrogen Peroxide and Ferrous Chloride, was issued October 16, 2024, by the Purchasing & Contracting Department.
- The bid process closed on January 15, 2025; Two bids were received.
- U S Peroxide, LLC received a final evaluation score of 95.07, while Pencco, Inc. received 73.67.
- U S Peroxide, LLC was determined to be the most qualified and responsive bidder based on the RFP scope specifications and scoring criteria evaluation.
- U S Peroxide, LLC's bid pricing:
 - O Hydrogen Peroxide (50%) is \$3.99 per gallon at PLWTP, PS #2, NCWRP and \$2.15 for SBWRP: Current Contract Pricing is \$5.50 per gallon
 - O Ferrous Chloride (32-37%) is \$1,645 per dry ton at PS #1, Penasquitos PS, PS #65, and the Del Mar Lift Station. Current Contract Pricing is \$1,992 per dry ton
- This 5 year contract will be awarded in an amount not to exceed \$62,442,415.28.

RecityThe Purchasing & Contracting Department issued the Notice of Intent to Award on June 27, 2025. **SAN DIEGO**

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4

Requested Action



- Metro TAC Committee to authorize the execution of a fiveyear contract with U S Peroxide, LLC (dba USP Technologies) to provide a full-service management program (operations and maintenance) for hydrogen sulfide odor control in collection systems.
 - o Includes Hydrogen Peroxide and Ferrous Chloride
- Contract amount not to exceed \$62,442,415.28
- 33% of Metro costs is approximately \$20,605,997.04



5

Questions?

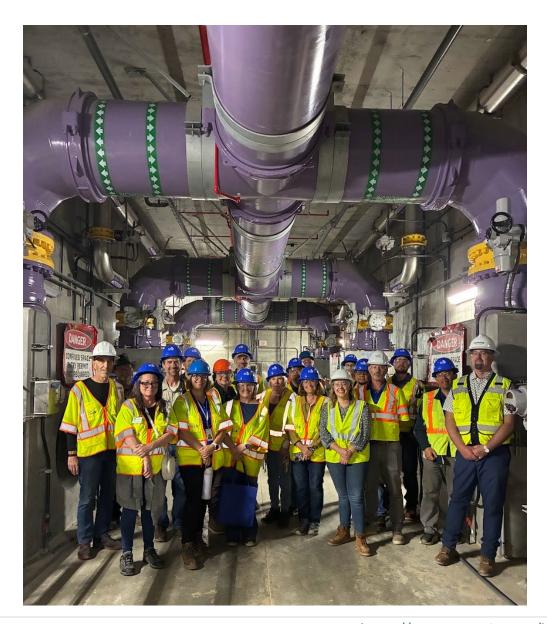


6



Monthly Executive Director's Report October 2025 & November Tour

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.



Many of our Board members and Metro TAC staff had the opportunity to tour the North City Pure Water construction site and attend an excellent presentation on the project and its progress after the November Board Meeting. The team learned that construction is now over 80% complete, with the new operations and laboratory facilities expected to be ready for move-in early next year. An additional tour is tentatively scheduled for after the February 2026 Board Meeting.

Special thanks to the City of San Diego and Program Management staff for their outstanding coordination and for providing such an engaging and informative presentation and tour.

Key Tasks and Updates:

1. SARA and Administrative Agreement No. 1 (AA1) Update

October was a particularly active month in advancing implementation of the draft Second Amended and Restated Agreement (SARA) and Administrative Agreement No. 1 (AA1). Staff developed key implementation tools, including a one-page summary titled "Understanding the Second Amended and Restated Agreement" for use as a handout, and a PowerPoint presentation highlighting the key provisions of SARA and AA1 for agency and Council meetings.

For reference, the final versions of SARA, AA1, and the accompanying exhibits -- along with prior reference materials, the one-pager, and the PowerPoint presentation -- have been posted in the "News" section of the JPA website for your review and download.

https://www.metrojpa.org/home/showdocument?id=5070

In addition, a copy of the current Amended and Restated Agreement (ARA) can be found in the New Director's Manual at:

https://www.metrojpa.org/Home/ShowDocument?id=4720

The final draft of the Second Amended and Restated Agreement (SARA) and Administrative Agreement No. 1 (AA1) was distributed to all members in the October JPA/Commission agenda packet.

At their October 2nd meeting, the Metro JPA/Commission Board of Directors held an advisory vote on the draft SARA, resulting in an 11–1 outcome approving the following motion:

"That the Metro Commission recommend that the Participating Agencies approve the draft SARA, subject to non-substantive revisions and

Website: https://www.metrojpa.org/home.

corrections, with such determinations to be made jointly by the Participating Agencies' Attorney and the City/General Manager."

Padre Dam Municipal Water District was the sole dissenting vote and submitted a letter outlining its concerns, which was included in the October agenda materials. Padre Dam's primary objection pertains to the proposed change from the unanimous vote requirement under the 1998 Regional Agreement and the ARA to *a* two-third vote on financial matters under the new SARA.

The next phase of implementation involves each Participating Agency presenting the Second Amended and Restated Agreement (SARA) and Administrative Agreement No. 1 (AA1) to its governing body for formal adoption. Four agencies—La Mesa, Coronado, Poway, and Lemon Grove—have scheduled these items for Council action prior to year's end, while more than half of the PAs anticipate completing their approval processes by the end of February 2026.

Executive Team staff remain available to assist Participating Agencies during their Council or Board presentations on SARA and AA1. Staff can provide formal presentations or attend simply to respond to questions as needed. Lisa Celaya of the City of San Diego and JPA Chair Jones are also available to participate. Agencies are encouraged to contact the Executive Director as soon as their meeting date is confirmed to allow adequate time for scheduling.

2. I&I Committee

All Participating Agencies that have not yet submitted their meter basin data are requested to do so as soon as possible to facilitate ADS's project kickoff. The next I&I Committee meeting will be scheduled once all necessary information has been received.

3. Treasury Activities

During October, JPA Treasury staff actively engaged with potential vendors for website design, content migration, training, and annual hosting services. Three vendors—EVOGOV, Ion Blade, and Streamline—are currently under consideration. Preliminary information was presented to the Succession Planning Ad Hoc Committee at its first meeting. Special thanks are extended to Directors Purvis and Robak for their valuable input and participation in the information-gathering process. Although this work falls outside typical Treasury responsibilities, staff have graciously taken on this additional assignment to support the JPA's limited staffing resources.

4. Succession Planning AdHoc

The Succession Planning AdHoc met for the first time on October 17. The Succession Planning Ad Hoc Committee is tasked with guiding how the Metro Wastewater JPA will be staffed and structured in the coming years to achieve its Strategic Goals and Objectives. With all Executive Team contracts expiring June 30, 2026, the Committee will evaluate future organizational needs, potential new skill sets required, and the best approach for contracting for key professional services. Its recommendations will help ensure a smooth transition, continuity of expertise and service, and an efficient framework to support the JPA's Mission and its member agencies.

At its first meeting, the Succession Planning Ad Hoc Committee reviewed preliminary information on the website project, examined the existing JPA organizational structure and supporting consultant positions, and discussed establishing an evaluation process for the Executive Director and other consultants.

UPCOMING MEETINGS:

Metro TAC:

Regular Meeting: November 19, 2025

11-1 Via **7**00m

Metro JPA/Commission:

Regular Meeting:

December 4, 2025 Noon-2 PM MOC Auditorium

Website: https://www.metrojpa.org/home.