

As a matter of proper business decorum, the Board of Commissioners respectfully request that all cell phones be turned off or placed on vibrate. To prevent any potential distraction of the proceeding, we request that side conversations be taken outside the meeting room.

**REGULAR BOARD MEETING  
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
VICTORVILLE CITY HALL, CONFERENCE ROOM D  
14343 CIVIC DRIVE, VICTORVILLE CA 92392  
Thursday, January 29, 2026  
Closed Session 8:00 a.m. Open Session 8:30 a.m.**

*VVWRA is committed to protecting public health and the environment in the Victor Valley by providing effective and fiscally responsible wastewater collection, treatment, and recycling.*

**1. (Government Code Section 54956.8- Conference with Legal Counsel-Real property negotiation**

**APN Number 0459411-30 & -0145411-31 consider terms for use, lease and/or purchase of VVWRA's property.**

**Call to Order**

Gregg

**Roll Call**

Casteel

**Public Comments- Closed Session Agenda Items**

Legal

CLOSED SESSION: During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chair may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters, pursuant to Government Code Sections 54956.8, 54956.9, 54957 or 54957.6, as noted. Reports relating to (a) purchase and sale of real property; (b) matters of pending or potential litigation; or (c) employment actions, or which are exempt from public disclosure under the California Public Records Act, may be reviewed by the Board during a permitted closed session and are not available for public inspection. At such time the Board takes final action on any of these subjects, the minutes will reflect all required disclosures of information. Closed Session is scheduled to commence at 7:30 a.m.. If the matters discussed in closed session require additional time beyond 8:00 a.m., in deference to the public, the Board may continue the Closed Session discussion after Open Session is concluded. In that case, Closed Session will resume after the Commissioners Comments section and any reportable action will be reported after the continued Closed Session has concluded and before adjournment.

**Closed Session**

Gregg

**Call to Order & Pledge of Allegiance**

Gregg

**Report from Closed Session**

Legal

## Public Comment (Government Code Section 54954.3)

Gregg

Opportunity for members of the public to directly address the Board on items of public interest within its jurisdiction. The public may also address the Board on items being considered on this agenda. VVWRA requests that all public speakers complete a speaker's card and provide it to the Secretary. Persons desiring to submit paperwork to the Board of Commissioners shall provide a copy of any paperwork to the Board Secretary for the official record. We request that remarks be limited to five minutes or less. Pursuant to Government Code Section 54954.3, if speaker is utilizing a translator, the total allotted time will be doubled.

## Possible Conflicts of Interest

Gregg

## Consent Calendar

Gregg

All matters placed on the Consent Calendar are considered as not requiring discussion or further explanation and unless any particular item is requested to be removed from the Consent Calendar by a Commissioner, staffmember or member of the public in attendance, there will be no separate discussion of these items. All items on the Consent Calendar will be enacted by one action approving all motions and casting a unanimous ballot for resolutions included on the consent calendar. All items removed from the Consent Calendar shall be considered in the regular order of business.

### 2. Receive, Approve and File Minutes

Casteel

- Regular Board Meeting November 20, 2025
- Special Meeting January 15, 2026

### 3. Receive, Approve and File November & December 2025 Disbursement

Wang

### 4. Reports & Presentations

Wang

- Mid-year Budget Presentation

## Action Items

Gregg

*The Executive Leadership Team will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.*

### 5. Recommendation That the Board of Commissioners Authorize the General Manager to Amend the Fiscal Year 2026 Budget by Utilizing a Portion of the FY 2025 Excess Fund Reserves and Approve the Revised FY 2026 Salary Schedule to Reflect the Position Changes from the Mid-Year Organization Restructuring Process.

Wang

It is recommended that the Board of Commissioners authorize the General Manager to amend the FY 2026 Operating Budget by utilizing a portion of the excess fund reserve from FY 2025 to replenish the operating contingency accounts, as well as covering the additional costs needed for several capital projects. Also, it is recommended that the Board of Commissioners approve the revised FY 2026 salary schedule to reflect the position changes from the organization restructuring process in the current fiscal year.

6. **Adoption of Resolution 2026-01 approve revised publicly available pay schedules in accordance with CalPERS guidelines** Wang  
It is recommended that the Board of Commissioners adopt Resolution 2026-01 to approve the revised publicly available pay schedules effective July 1, 2020, July 1, 2021, July 1, 2022, July 1, 2023, July 1, 2024, and July 1, 2025, in accordance with CalPERS guidelines.
7. **Recommendation to Authorize the General Manager to Execute a Contract with West Yost Associates to Provide Consulting Services for the Strategic Vision Project in an Amount Not to exceed \$300,000, Subject to Legal Review and Approval of the Agreement.** Tompkins  
It is recommended that the Board of Commissioners authorize the General Manager to execute a contract with West Yost Associates for consulting services for the Strategic Vision Project in an amount not to exceed \$300,000, pending legal review and approval of the agreement.
8. **Recommendation to Authorize the General Manager to Award a Contract to The National Coating & Lining Company for the Rehabilitation of Twenty (20) Manholes in the Amount of \$130,100.00 with an Additional Contingency of \$26,020.00 to Cover Unforeseen Costs, for a Total Not-To-Exceed Amount of \$156,120.00** Laari  
It is recommended that the Board of Commissioners authorize the General Manager to award a contract to National Coating & Lining Company for the rehabilitation of twenty (20) manholes in the amount of \$130,100.00, with an additional contingency of \$26,020.00 to cover unforeseen costs, for a total not-to-exceed amount of \$156,120.00, pending legal review of the agreement.
9. **Recommendation to Authorize the General Manager to Approve a Sole-source Purchase of Fortinet WIFI Components for The WIFI Upgrade Project From Netgain Networks, Inc., in the amount of \$81,470.37.** Laari  
It is recommended that the Board of Commissioners authorize the General Manager to approve a sole-source purchase of Fortinet WiFi components for the WiFi Upgrade Project from Netgain Networks, Inc., in the amount of \$81,470.37
10. **Recommendation to Authorize the General Manager to Approve the Purchase of Ultraviolet Disinfection System Replacement Parts for \$149,762.29 from Xylem Water Solutions, our Sole Source Provider** Laari  
It is recommended that the Board of Commissioners authorize the General Manager to approve the purchase of UV disinfection system replacement parts from Xylem Water Solutions, our sole-source provider, in the amount of \$149,762.29 (quoted amount plus applicable taxes and freight) as detailed in Exhibit 1. This is a budgeted expenditure

11. **Recommendation to Authorize the General Manager to Approve a Change Order to Extend the Temporary Generators Rentals to Complete the Regional Plant Emergency Generators Controls Upgrade for a Total Amount Not-to-Exceed \$57,237.00** Laari

It is recommended that the Board of Commissioners authorize the General Manager to approve a change order with United Rentals (North America), Inc., issued during the implementation phase of the Regional Plant Emergency Generator Controls Upgrade, to increase the authorized purchase order amount from \$74,999.33 (Exhibit 1) to \$132,235.53 (Exhibit 2), reflecting a total change order increase of \$57,236.20.

12. **Recommendation to Authorize the General Manager to Approve a Contract with Hoch Consulting to Provide Engineering Services for the Potable Water Supply Pipeline Design and Environmental Permitting Project in an Amount Not to exceed \$399,971, Pending Legal Review and Approval of the Agreement.** Laari

It is recommended that the Board of Commissioners authorize the General Manager to approve a contract with Hoch Consulting to provide engineering services for the Potable Water Supply Pipeline Design and Environmental Permitting Project in an amount not to exceed \$399,971, Pending legal review and approval of the agreement.

13. **It is recommended that the Board of Commissioners appoint the General Manager as Real Property Negotiator for the purposes of negotiating the use, lease or purchase of VVWRA real property for Future Land Negotiations regarding APN 0473183-23 and APN's 0468061-11 & 0468061-14. & 04668061-15 to negotiate any terms, conditions or legal instruments that may be appropriate** Legal

#### **Staff Reports**

Gregg

14. **General Managers Report**

Poulsen

#### **Adjournment**

Gregg

The board will adjourn to a regular board meeting on February 19, 2026



## **American Disabilities Act Compliance Statement**

*Government Code Section 54954.2(a)*



*Any request for disability-related modifications or accommodations (including auxiliary aids or services) sought to participate in the above public meeting should be directed to the VVWRA's Secretary at (760) 246-8638 at least 72 hours prior to the scheduled meeting. Requests must specify the nature of the disability and the type of accommodation requested.*

### **Agenda posting**

*Government Code Section 54954.2*

*This agenda has been posted in the main lobby of the Authority's Administrative offices not less than 72 hours prior to the meeting date and time above. All written materials relating to each agenda item are available for public inspection in the office of the Board Secretary.*

### **Agenda items received after posting**

*Government Code Section 54957.5*

*Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the VVWRA office located at, 20111 Shay Road, Victorville CA 92394. The materials will also be posted on the VVWRA website at [www.vvwra.com](http://www.vvwra.com).*

### **Items Not Posted**

*Government Code Section 54954.2(b)*

*In the event any matter not listed on this agenda is proposed to be submitted to the Board for discussion and/or action, it will be done as an emergency item or because there is a need to take immediate action, which came to the attention of the Board subsequent to the posting of the agenda, or as set forth on a supplemental agenda posted in the manner as above, not less than 72 hours prior to the meeting date.*

### **Items Continued**

*Government Section 54954.2(b)(3)*

*Items may be continued from this meeting without further notice to a Committee or Board meeting held within five (5) days of this meeting*

### **Meeting Adjournment**

*This meeting may be adjourned to a later time and items of business from this agenda may be considered at the later meeting by Order of Adjournment and Notice*

|                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>VVWRA's Board Meeting packets and agendas are available for review on its website at <a href="http://www.vvwra.com">www.vvwra.com</a>. The website is updated on Friday preceding any regularly scheduled board meeting.</i> |
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# VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

## Board Of Commissioners Agenda Item

**TO:** VWVRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Kristi Casteel, Executive Assistant to the GM

**DATE:** 01/29/2026

**Receive, Approve and File Minutes**

**SUBJECT:**

- Regular Board Meeting November 20, 2025
- Special Meeting January 15, 2026

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### Attachments

Minutes  
Special

**MINUTES OF MEETING  
MEETING OF THE BOARD OF COMMISSIONERS  
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (VWVRA)  
November 20, 2025**

**CALL TO ORDER:** Chair Gregg called the meeting to order at 8:04 AM; in Conference Room D at Victorville City Hall, located at 14343 Civic Drive, Victorville California, with the following members present:

|                                    |                                          |
|------------------------------------|------------------------------------------|
| <b>CITY OF HESPERIA</b>            | <b>Cameron Gregg, Chair</b>              |
| <b>ORO GRANDE (CSA 42) AND</b>     | <b>Dakota Higgins, Vice-Chair</b>        |
| <b>SPRING VALLEY LAKE (CSA 64)</b> |                                          |
| <b>TOWN OF APPLE VALLEY</b>        | <b>Scott Nassif, Secretary</b>           |
| <b>CITY OF VICTORVILLE</b>         | <b>Tiffany Gaudin, Treasurer -ABSENT</b> |

**VWVRA Staff and Legal Counsel:**

**Darron Poulsen, General Manager**  
**Kody Tompkins, Director of Operations & Maintenance**  
**Kristi Casteel, Executive Assistant**  
**Piero Dallarda, Legal Counsel (BB&K)**  
**Hillary Chavez, Administrative Aide**  
**David Wylie, Safety & Communications Officer**  
**Kalin Westover, Operations Supervisor**

**Guests**

|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| <b>Guy Eisenberg, Town of Apple Valley</b>  | <b>Rachel Molina, City of Hesperia</b> |
| <b>Doug Robertson, Town of Apple Valley</b> | <b>Scott Webb, City of Victorville</b> |
| <b>Doug Matthews, City of Victorville</b>   |                                        |

**CLOSED SESSION**

NONE

**REGULAR SESSION**

**CALL TO ORDER & PLEDGE OF ALLEGIANCE**

Chair Gregg called the meeting to order at 8:30 AM.

**PUBLIC COMMENTS- REGULAR SESSION AGENDA**

**POSSIBLE CONFLICT OF INTEREST**

NONE

**CONSENT CALENDAR:**

- 2. Receive, Approve, and File Minutes, October 16, 2025 Regular Meeting**
- 3. Receive, Approve and File October 2025 Disbursement**

**Moved: Commissioner Higgins**

**Second: Commissioner Nassif**

**Approval of the Consent Calendar Items 2 and 3.**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Gaudin – Absent**

**Motion passed by a 3-0 roll call vote with Commissioner Gaudin absent**

**REPORTS & PRESENTATIONS**

- 4. Annual Comprehensive Financial Report**

Xiwei Wang and the auditors from Vasquez & Co. gave a presentation on the Annual Comprehensive Financial Report

**ACTION ITEMS**

- 5. Recommendation to Adopt Resolution 2025-13 to Receive and File the Annual Comprehensive Financial Report for the Year Ending June 30, 2025**

It is recommended that the Board of Commissioners Adopt Resolution 2025-13 to Receive and File the Annual Comprehensive Financial Report for the Year Ending June 30, 2025

**Moved: Commissioner Higgins**

**Second: Commissioner Nassif**

**Approval to Adopt Resolution 2025-13 to Receive and File the Annual Comprehensive Financial Report for the Year Ending June 30, 2025**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Gaudin - Absent**

**Motion passed by a 3-0 roll call vote with Commissioner Gaudin absent**

**6. Recommendation to Approve the Side Letter of Agreement to Modify the VVWRA Employee's Association MOU**

It is recommended that the Board of Commissioners Approve the Side Letter of Agreement to Modify the VVWRA Employee's Association MOU

**Moved: Commissioner Nassif**

**Second: Commissioner Higgins**

**Approval of the side letter of agreement to modify the existing Memorandum of Understanding (MOU) for the VVWRA Employees Association**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Gaudin – Absent**

**Motion passed by a 3-0 roll call vote with Commissioner Gaudin absent**

**7. Recommendation to Authorize the General Manager to Sign a Three-Year Professional Services Agreement with Larry Walker Associates, Inc. to Provide Environmental Services for \$180,950, for the Period Covering Reports Due December 1, 2025, Through December 31, 2028, With Two Optional One-Year Extensions Subject to Mutual Agreement by Both Parties. Pending Legal Review and Approval of the Agreement**

It is recommended that the Board of Commissioners Authorize the General Manager to Sign a Three-Year Professional Services Agreement with Larry Walker Associates, Inc. to Provide Environmental Services for \$180,950, for the Period Covering Reports Due December 1, 2025, Through December 31, 2028, With Two Optional One-Year Extensions Subject to Mutual Agreement by Both Parties. Pending Legal Review and Approval of the Agreement

**Moved: Chair Gregg**

**Second: Commissioner Higgins**

**Approval to authorize the General Manager to execute a three-year professional services agreement with Larry Walker Associates, Inc. (LWA) for Groundwater Regulatory Reporting and Consulting Services in an amount not to exceed 180,950, for the period covering reports due December 1, 2025 through December 31, 2028, with two optional one-year extensions subject to mutual agreement by both parties. The \$180,950 is equal to the**

**proposal amount of \$164,416 plus an approximate ten percent (10%) contingency. Pending legal review and approval of the agreement**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Gaudin – Absent**

**Motion passed by a 3-0 roll call vote with Commissioner Gaudin absent**

**8. Recommendation to Authorize the General Manager to Extend the Contract with ADS Environmental Services, Inc. for Flow Monitoring Services Used for Billing Purposes in a Total Amount Not-To-Exceed \$353,562.00**

It is recommended that the Board of Commissioners Authorize the General Manager to Extend the Contract with ADS Environmental Services, Inc. for Flow Monitoring Services Used for Billing Purposes in a Total Amount Not-To-Exceed \$353,562.00

**Moved: Commissioner Higgins**

**Second: Commissioner Nassif**

**Approval to authorize the General Manager to execute a three-year agreement extension with ADS Environmental Services, Inc. for flow monitoring services used for billing purposes. The contract amount is \$102,960.00 for the first year, with annual CPI-based increases of 4%, resulting in estimated costs of \$106,920.00 for Year 2 and \$111,540.00 for Year 3. The total three-year contract amount is \$321,420.00, plus a 10% contingency for a total not-to-exceed amount of \$353,562.00. This authorization is contingent upon legal review and approval of the final agreement**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Gaudin – Absent**

**Motion passed by a 3-0 roll call vote with Commissioner Gaudin absent**

**9. Recommendation to Approve the 2026 Board Schedule**

It is recommended that the Board of Commissioners Approve the 2026 Board Schedule

**Moved: Commissioner Nassif**

**Second: Commissioner Higgins**

**Approval of the 2026 Board Schedule**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Gaudin – Absent**

**Motion passed by a 3-0 roll call vote with Commissioner Gaudin absent**

**10. Recommendation to Adopt Resolution 2025-14 Resolution of Appreciation to Doug Robertson**

It is recommended that the Board of Commissioners Adopt Resolution 2025-14 Resolution of Appreciation to Doug Robertson

**Moved: Commissioner Nassif**

**Second: Commissioner Higgins**

**Approval to adopt Resolution 2025-14 Recognition and Appreciation of Dedicated Service to Doug Robertson**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Gaudin – Absent**

**Motion passed by a 3-0 roll call vote with Commissioner Gaudin absent**

**REPORT FROM CLOSED SESSION**

**Nothing to report**

**ADJOURNMENT**

**APPROVAL:**

**DATE:** *November 20, 2025*

**BY:** \_\_\_\_\_

Approved by Scott Nassif Secretary  
VVWRA Board of Commissioners



**MINUTES OF MEETING  
SPECIAL MEETING OF THE BOARD OF COMMISSIONERS  
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (VWVRA)  
January 15, 2025**

**CALL TO ORDER:** Chair Gregg called the meeting to order at 2:09 PM; in Conference Room A at Victorville City Hall, located at 14343 Civic Drive, Victorville California, with the following members present:

|                                    |                                   |
|------------------------------------|-----------------------------------|
| <b>CITY OF HESPERIA</b>            | <b>Cameron Gregg, Chair</b>       |
| <b>ORO GRANDE (CSA 42) AND</b>     | <b>Dakota Higgins, Vice-Chair</b> |
| <b>SPRING VALLEY LAKE (CSA 64)</b> |                                   |
| <b>TOWN OF APPLE VALLEY</b>        | <b>Scott Nassif, Secretary</b>    |
| <b>CITY OF VICTORVILLE</b>         | <b>Tiffany Gaudin, Treasurer</b>  |

**VWVRA Staff and Legal Counsel:**

**Darron Poulsen**, General Manager  
**Kody Tompkins**, Director of Operations & Maintenance  
**Kristi Casteel**, Executive Assistant  
**Piero Dallarda**, Legal Counsel (BB&K)

**Guests**

**Todd Bodem**, Town of Apple Valley

**REGULAR SESSION**

**PLEDGE OF ALLEGIANCE**

**PUBLIC COMMENTS- REGULAR SESSION AGENDA**

**POSSIBLE CONFLICT OF INTEREST**

**NONE**

**ACTION ITEMS**

**3. Recommendation to Amend the 2026 Board Schedule**

It is recommended that the Board of Commissioners amend the 2026 Board Schedule

**Moved: Commissioner Higgins**

**Second: Commissioner Gaudin**

**Approval to amend the 2026 Board Schedule**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Jones - Yes**

**Motion passed by a 4-0 roll call vote**

**VVWRA Special Meeting Minutes**

**Thursday, January 15, 2026**

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**ADJOURNMENT**

**APPROVAL:**

**DATE:** *January 29, 2025*

**BY:** \_\_\_\_\_

Approved by Scott Nassif Secretary  
VVWRA Board of Commissioners



# VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

## Board Of Commissioners Agenda Item

**TO:** VWVRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Xiwei Wang, Accounting Supervisor

**DATE:** 01/29/2026

**SUBJECT:** **Receive, Approve and File November & December 2025 Disbursement**

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### **Attachments**

Cash Disbursement November 2025  
Cash Disbursement December 2025



## Victor Valley Wastewater Reclamation Authority

*A Joint Powers Authority and Public Agency of the State of California*

Administrative Offices

20111 Shay Road, Victorville, CA 92394

Telephone: (760) 246-8638

Fax: (760) 948-9897

e-mail: [mail@vwwra.com](mailto:mail@vwwra.com)

**DATE:** January 29, 2026

**TO:** Darron Poulsen  
General Manager

**FROM:** Xiwei Wang  
Accounting Supervisor

**SUBJECT:** Cash Disbursements Register

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### RECOMMENDED ACTION

It is recommended that the Board of Commissioners approve the cash disbursements and payroll register for the Victor Valley Wastewater Reclamation Authority.

### BACKGROUND

The Cash Disbursements Register totals represented below are for the month of NOVEMBER 2025, check numbers 126411-126449 and ACH's.

| <i>Accounts Payable</i> |                        |                     |                       |
|-------------------------|------------------------|---------------------|-----------------------|
| <i>Checks</i>           | <i>ACH's and EFT's</i> | <i>Payroll</i>      | <i>Total</i>          |
| <i>\$160,902.61</i>     | <i>\$674,970.10</i>    | <i>\$558,711.50</i> | <i>\$1,394,584.21</i> |

**Victor Valley Wastewater Reclamation Authority**  
**Cash Disbursement Register**  
**From 11/1/2025 through 11/30/2025**

| <b>Vendor Name</b>                         | <b>Payment #</b> | <b>Date</b>         | <b>Total</b>         |
|--------------------------------------------|------------------|---------------------|----------------------|
| Apex Rentals                               | 126411           | 11/04/2025          | 32.67                |
| High Desert Lock & Safe                    | 126412           | 11/04/2025          | 271.08               |
| Southern California Edison                 | 126413           | 11/04/2025          | 800.00               |
| Uline, Inc.                                | 126414           | 11/04/2025          | 1,865.25             |
| Adscot Pest Control, Inc.                  | 126415           | 11/13/2025          | 1,270.00             |
| Dezurik C/O C.S.-Amsco                     | 126416           | 11/13/2025          | 4,726.59             |
| Duperon Corporation                        | 126417           | 11/13/2025          | 2,625.22             |
| Graham Equipment                           | 126418           | 11/13/2025          | 7,907.50             |
| Johnson Controls Fire Protection Lp        | 126419           | 11/13/2025          | 2,817.63             |
| Konica Minolta Business Solutions          | 126420           | 11/13/2025          | 480.72               |
| Macleod Watts Inc                          | 126421           | 11/13/2025          | 5,575.00             |
| Quill Corporation                          | 126422           | 11/13/2025          | 12,690.41            |
| Safety-Kleen Systems Inc.                  | 126423           | 11/13/2025          | 1,884.98             |
| San Bernardino County Fire Protection Dist | 126424           | 11/13/2025          | 479.00               |
| Southern Counties Lubricants               | 126425           | 11/13/2025          | 13,816.90            |
| Support Product Services                   | 126426           | 11/13/2025          | 24,196.88            |
| Uline, Inc.                                | 126427           | 11/13/2025          | 903.64               |
| Wageworks, Inc                             | 126428           | 11/13/2025          | 170.75               |
| Answering 365                              | 126429           | 11/20/2025          | 214.75               |
| Federal Express                            | 126430           | 11/20/2025          | 92.00                |
| Freeus Llc                                 | 126431           | 11/20/2025          | 704.53               |
| Guardian                                   | 126432           | 11/20/2025          | 670.08               |
| High Desert Lock & Safe                    | 126433           | 11/20/2025          | 884.85               |
| Lsm Pumps Usa Inc                          | 126434           | 11/20/2025          | 9,184.65             |
| Multi W Systems, Inc                       | 126435           | 11/20/2025          | 1,499.84             |
| Quill Corporation                          | 126436           | 11/20/2025          | 18.68                |
| Rain For Rent                              | 126437           | 11/20/2025          | 2,716.40             |
| Swains Electric Motor Service              | 126438           | 11/20/2025          | 2,117.20             |
| Victor Valley College Foundation           | 126439           | 11/20/2025          | 665.00               |
| Blaine Tech Services, Inc.                 | 126440           | 11/25/2025          | 16,847.00            |
| City Of Victorville / Utility Billing      | 126441           | 11/25/2025          | 22,313.18            |
| Geotab Usa, Inc                            | 126442           | 11/25/2025          | 369.00               |
| High Desert Lock & Safe                    | 126443           | 11/25/2025          | 550.50               |
| High Desert Window & Glass                 | 126444           | 11/25/2025          | 11,200.00            |
| Multi W Systems, Inc                       | 126445           | 11/25/2025          | 5,619.01             |
| Napa Victorville                           | 126446           | 11/25/2025          | 254.34               |
| Nassif, Scott                              | 126447           | 11/25/2025          | 100.00               |
| Pete'S Road Service, Inc.                  | 126448           | 11/25/2025          | 498.12               |
| Uline, Inc.                                | 126449           | 11/25/2025          | 1,869.26             |
|                                            |                  | <b>Total Checks</b> | <b>\$ 160,902.61</b> |
|                                            |                  |                     |                      |
| Adt Commercial                             | 24054            | 11/05/2025          | \$ 188.63            |
| Applied Maintenance Supplies & Solution    | 24055            | 11/05/2025          | \$ 37.00             |
| Beck Oil, Inc.                             | 24056            | 11/05/2025          | \$ 35.67             |
| Cintas Corporation                         | 24057            | 11/05/2025          | \$ 135.32            |
| Coromina, Robert                           | 24058            | 11/05/2025          | \$ 3,390.00          |
| Fha Services, Inc.                         | 24059            | 11/05/2025          | \$ 383.33            |
| Global Equipment Company, Inc.             | 24060            | 11/05/2025          | \$ 2,267.38          |
| Grainger                                   | 24061            | 11/05/2025          | \$ 3,784.50          |
| Mcmaster-Carr Supply Co.                   | 24062            | 11/05/2025          | \$ 1,862.80          |
| Misco - T.W. Associates                    | 24063            | 11/05/2025          | \$ 9,630.27          |
| Ndk Chem, Inc.                             | 24064            | 11/05/2025          | \$ 20,430.48         |
| Polydyne Inc.                              | 24065            | 11/05/2025          | \$ 8,304.16          |
| Quinn Company                              | 24066            | 11/05/2025          | \$ 5,115.91          |
| Royal Industrial Solutions                 | 24067            | 11/05/2025          | \$ 4,100.00          |
| Soffa Electric, Inc                        | 24068            | 11/05/2025          | \$ 9,175.00          |
| Sturdivan Emergency Management Llc         | 24069            | 11/05/2025          | \$ 7,428.58          |

**Victor Valley Wastewater Reclamation Authority**  
**Cash Disbursement Register**  
**From 11/1/2025 through 11/30/2025**

| <b>Vendor Name</b>                       | <b>Payment #</b> | <b>Date</b> | <b>Total</b> |
|------------------------------------------|------------------|-------------|--------------|
| T-Mobile                                 | 24070            | 11/05/2025  | \$ 116.76    |
| U.S.A. Bluebook                          | 24071            | 11/05/2025  | \$ 48.08     |
| Victor Valley Wastewater Employees Assoc | 24072            | 11/05/2025  | \$ 1,522.50  |
| Waxie Sanitary Supply                    | 24073            | 11/05/2025  | \$ 1,301.55  |
| White Cap, L.P.                          | 24074            | 11/05/2025  | \$ 613.29    |
| Bellgardt, Jacob                         | 24075            | 11/12/2025  | \$ 387.00    |
| Best, Best & Krieger, L.L.P.             | 24076            | 11/14/2025  | \$ 62,483.60 |
| Brenntag Pacific, Inc                    | 24077            | 11/14/2025  | \$ 1,122.61  |
| Broyhill Equipment Llc                   | 24078            | 11/14/2025  | \$ 2,567.32  |
| Casteel, Kristi                          | 24079            | 11/14/2025  | \$ 1,596.36  |
| Ceden0,Martin                            | 24080            | 11/14/2025  | \$ 172.20    |
| Cintas Corporation                       | 24081            | 11/14/2025  | \$ 1,309.08  |
| Consumers Pipe & Supply, Co.             | 24082            | 11/14/2025  | \$ 557.31    |
| Dxp Enterprises                          | 24083            | 11/14/2025  | \$ 4,147.73  |
| Evoqua Water Technologies Llc            | 24084            | 11/14/2025  | \$ 12,701.98 |
| Grainger                                 | 24085            | 11/14/2025  | \$ 2,814.19  |
| Hach Company                             | 24086            | 11/14/2025  | \$ 17,990.14 |
| Howden Usa Company                       | 24087            | 11/14/2025  | \$ 2,429.48  |
| Larry Walker Associates                  | 24088            | 11/14/2025  | \$ 3,168.50  |
| Mcmaster-Carr Supply Co.                 | 24089            | 11/14/2025  | \$ 226.97    |
| Michael'S Auto Detail                    | 24090            | 11/14/2025  | \$ 910.00    |
| Ndk Chem, Inc.                           | 24091            | 11/14/2025  | \$ 18,528.22 |
| Norfield Development Partners, Llc       | 24092            | 11/14/2025  | \$ 799.47    |
| Pioneer Door And Service Inc.            | 24093            | 11/14/2025  | \$ 15,284.91 |
| Prudential Overall Supply                | 24094            | 11/14/2025  | \$ 888.86    |
| Royal Industrial Solutions               | 24095            | 11/14/2025  | \$ 16,437.13 |
| Walters Wholesale Electric               | 24096            | 11/14/2025  | \$ 1,911.96  |
| Wp Products Dbw Western Pacific Products | 24097            | 11/14/2025  | \$ 1,701.89  |
| A.D.S. Corp.                             | 24098            | 11/21/2025  | \$ 10,780.00 |
| Adt Commercial                           | 24099            | 11/21/2025  | \$ 613.11    |
| American Express                         | 24100            | 11/21/2025  | \$ 22,680.65 |
| Anthony, Donna                           | 24101            | 11/21/2025  | \$ 250.31    |
| Beck Oil, Inc.                           | 24102            | 11/21/2025  | \$ 3,156.49  |
| Bellgardt, Jacob                         | 24103            | 11/21/2025  | \$ 131.60    |
| Billings, Richard                        | 24104            | 11/21/2025  | \$ 413.00    |
| Brad Aubrey                              | 24105            | 11/21/2025  | \$ 1,690.00  |
| Brenntag Pacific, Inc                    | 24106            | 11/21/2025  | \$ 36,207.51 |
| C.S. Amsco                               | 24107            | 11/21/2025  | \$ 2,234.36  |
| California School Veba                   | 24108            | 11/21/2025  | \$ 712.34    |
| Cintas Corporation                       | 24109            | 11/21/2025  | \$ 126.07    |
| Correia, Linda                           | 24110            | 11/21/2025  | \$ 413.00    |
| Dagnino, Roy                             | 24111            | 11/21/2025  | \$ 413.00    |
| Davis, Tim                               | 24112            | 11/21/2025  | \$ 413.00    |
| Dxp Enterprises                          | 24113            | 11/21/2025  | \$ 10,029.20 |
| Fha Services, Inc.                       | 24114            | 11/21/2025  | \$ 9,495.00  |
| Flint, Terrie Gossard                    | 24115            | 11/21/2025  | \$ 413.00    |
| Grainger                                 | 24116            | 11/21/2025  | \$ 2,936.56  |
| Gyurcsik, Darline                        | 24117            | 11/21/2025  | \$ 413.00    |
| Hinojosa, Thomas                         | 24118            | 11/21/2025  | \$ 413.00    |
| Howden Usa Company                       | 24119            | 11/21/2025  | \$ 1,150.58  |
| Keniston, Olin                           | 24120            | 11/21/2025  | \$ 413.00    |
| Main, Randy                              | 24121            | 11/21/2025  | \$ 413.00    |
| Mcgee, Mark                              | 24122            | 11/21/2025  | \$ 413.00    |
| Mcgrath Rentcorp                         | 24123            | 11/21/2025  | \$ 7,599.19  |
| Mcmaster-Carr Supply Co.                 | 24124            | 11/21/2025  | \$ 438.33    |
| Misco - T.W. Associates                  | 24125            | 11/21/2025  | \$ 21,728.93 |
| Montgomery, Lillie                       | 24126            | 11/21/2025  | \$ 284.25    |

**Victor Valley Wastewater Reclamation Authority**  
**Cash Disbursement Register**  
**From 11/1/2025 through 11/30/2025**

| Vendor Name                                      | Payment # | Date       | Total                |
|--------------------------------------------------|-----------|------------|----------------------|
| Nalian, L. Christina                             | 24127     | 11/21/2025 | \$ 284.25            |
| Nave, Patrick                                    | 24128     | 11/21/2025 | \$ 413.00            |
| Pacific Parts And Controls Inc.                  | 24129     | 11/21/2025 | \$ 253.08            |
| Procurement Consulting Services, Llc.            | 24130     | 11/21/2025 | \$ 875.00            |
| Prudential Overall Supply                        | 24131     | 11/21/2025 | \$ 889.31            |
| U.S. Bank                                        | 24132     | 11/21/2025 | \$ 19,392.22         |
| U.S.A. Bluebook                                  | 24133     | 11/21/2025 | \$ 1,609.01          |
| Babcock Laboratories, Inc.                       | 24134     | 11/26/2025 | \$ 19,998.99         |
| Beck Oil, Inc.                                   | 24135     | 11/26/2025 | \$ 35.67             |
| Biogas Power Systems- Mojave, Llc                | 24136     | 11/26/2025 | \$ 64,119.27         |
| Brightview Landscape Services Inc                | 24137     | 11/26/2025 | \$ 11,333.33         |
| Cintas Corporation                               | 24138     | 11/26/2025 | \$ 635.03            |
| Culligan Water Conditioning                      | 24139     | 11/26/2025 | \$ 996.60            |
| D.K.F. Solutions Group, Llc                      | 24140     | 11/26/2025 | \$ 500.00            |
| Dudek                                            | 24141     | 11/26/2025 | \$ 600.00            |
| Fha Services, Inc.                               | 24142     | 11/26/2025 | \$ 17,383.22         |
| Grainger                                         | 24143     | 11/26/2025 | \$ 1,663.34          |
| Gregg, Cameron                                   | 24144     | 11/26/2025 | \$ 100.00            |
| Higgins, Dakota                                  | 24145     | 11/26/2025 | \$ 100.00            |
| John Robinson Consulting, Inc                    | 24146     | 11/26/2025 | \$ 660.00            |
| Michael'S Auto Detail                            | 24147     | 11/26/2025 | \$ 720.00            |
| Ndk Chem, Inc.                                   | 24148     | 11/26/2025 | \$ 2,000.00          |
| Netgain Networks, Inc                            | 24149     | 11/26/2025 | \$ 2,100.00          |
| Prudential Overall Supply                        | 24150     | 11/26/2025 | \$ 891.98            |
| Quinn Company                                    | 24151     | 11/26/2025 | \$ 4,032.87          |
| Regis, Kyle                                      | 24152     | 11/26/2025 | \$ 153.55            |
| Underground Service Alert Of Southern California | 24153     | 11/26/2025 | \$ 32.00             |
| Flyers Energy, Llc                               | DFT05101  | 11/13/2025 | \$ 2,985.78          |
| Hesperia Water District                          | DFT05102  | 11/13/2025 | \$ 1,442.37          |
| Konica Minolta Business Solutions                | DFT05103  | 11/13/2025 | \$ 391.50            |
| Liberty Utilities                                | DFT05104  | 11/13/2025 | \$ 98.50             |
| Southern California Edison                       | DFT05105  | 11/13/2025 | \$ 79,820.83         |
| Southern California Edison                       | DFT05106  | 11/13/2025 | \$ 24,413.50         |
| Southern California Edison                       | DFT05107  | 11/13/2025 | \$ 2,470.35          |
| Southern California Edison                       | DFT05108  | 11/13/2025 | \$ 866.42            |
| Southwest Gas Company                            | DFT05109  | 11/13/2025 | \$ 25.00             |
| Southwest Gas Company                            | DFT05110  | 11/13/2025 | \$ 30.29             |
| Southwest Gas Company                            | DFT05111  | 11/13/2025 | \$ 57.59             |
| Town Of Apple Valley                             | DFT05112  | 11/13/2025 | \$ 210.00            |
| Nationwide Retirement Solutions                  | DFT05115  | 11/14/2025 | \$ 900.00            |
| At&T Mobility                                    | DFT05116  | 11/20/2025 | \$ 216.20            |
| Southern California Edison                       | DFT05117  | 11/19/2025 | \$ 21,496.15         |
| Liberty Utilities                                | DFT05118  | 11/20/2025 | \$ 134.03            |
| Liberty Utilities                                | DFT05119  | 11/20/2025 | \$ 923.97            |
| Ups                                              | DFT05120  | 11/20/2025 | \$ 333.30            |
| <b>Total EFT's and ACH</b>                       |           |            | <b>\$ 674,970.10</b> |

**Approved**



|                                      |                        |
|--------------------------------------|------------------------|
| <b>Total Checks</b>                  | <b>\$ 160,902.61</b>   |
| <b>Total EFT's and ACH</b>           | <b>\$ 674,970.10</b>   |
| <b>Total Payroll - November 2025</b> | <b>\$ 558,711.50</b>   |
| <b>Total</b>                         | <b>\$ 1,394,584.21</b> |



## Victor Valley Wastewater Reclamation Authority

*A Joint Powers Authority and Public Agency of the State of California*

Administrative Offices

20111 Shay Road, Victorville, CA 92394

Telephone: (760) 246-8638

Fax: (760) 948-9897

e-mail: [mail@vwwra.com](mailto:mail@vwwra.com)

**DATE:** January 29, 2026

**TO:** Darron Poulsen  
General Manager

**FROM:** Xiwei Wang  
Accounting Supervisor

**SUBJECT:** Cash Disbursements Register

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### RECOMMENDED ACTION

It is recommended that the Board of Commissioners approve the cash disbursements and payroll register for the Victor Valley Wastewater Reclamation Authority.

### BACKGROUND

The Cash Disbursements Register totals represented below are for the month of DECEMBER 2025, check numbers 126450-126495 and ACH's.

| <i>Accounts Payable</i> |                        |                     |                       |
|-------------------------|------------------------|---------------------|-----------------------|
| <i>Checks</i>           | <i>ACH's and EFT's</i> | <i>Payroll</i>      | <i>Total</i>          |
| <i>\$178,525.12</i>     | <i>\$1,842,986.12</i>  | <i>\$646,541.39</i> | <i>\$2,668,052.63</i> |



**Victor Valley Wastewater Reclamation Authority**  
**Cash Disbursement Register**  
**From 12/1/2025 through 12/31/2025**

| <b>Vendor Name</b>                     | <b>Payment #</b> | <b>Date</b>         | <b>Total</b>         |
|----------------------------------------|------------------|---------------------|----------------------|
| Adscot Pest Control, Inc.              | 126450           | 12/03/2025          | 1,596.00             |
| B&D Construction Co., Inc              | 126451           | 12/03/2025          | 3,850.90             |
| Graham Equipment                       | 126452           | 12/03/2025          | 3,073.28             |
| Hesperia Unified School District       | 126453           | 12/03/2025          | 152.63               |
| Hi-Desert Communications               | 126454           | 12/03/2025          | 150.00               |
| Hilti Inc.                             | 126455           | 12/03/2025          | 524.28               |
| Mojave Desert A.Q.M.D.                 | 126456           | 12/03/2025          | 4,186.78             |
| Quill Corporation                      | 126457           | 12/03/2025          | 727.84               |
| Uline, Inc.                            | 126458           | 12/03/2025          | 3,187.87             |
| United Rentals Northwest, Inc          | 126459           | 12/03/2025          | 1,600.00             |
| Verizon Wireless                       | 126460           | 12/03/2025          | 2,328.01             |
| Dezurik C/O C.S.-Amsco                 | 126461           | 12/04/2025          | 4,726.59             |
| Consibio Inc                           | 126462           | 12/11/2025          | 12,690.00            |
| Duperon Corporation                    | 126463           | 12/11/2025          | 3,915.00             |
| High Desert Lock & Safe                | 126464           | 12/11/2025          | 1,718.17             |
| Institute For Environmental Health Inc | 126465           | 12/11/2025          | 5,175.00             |
| Konica Minolta Business Solutions      | 126466           | 12/11/2025          | 289.53               |
| Pete'S Road Service, Inc.              | 126467           | 12/11/2025          | 1,082.85             |
| Quill Corporation                      | 126468           | 12/11/2025          | 13.83                |
| Swains Electric Motor Service          | 126469           | 12/11/2025          | 12,781.09            |
| Whitson Cm                             | 126470           | 12/11/2025          | 3,500.00             |
| Answering 365                          | 126471           | 12/16/2025          | 214.75               |
| Dell Inc.                              | 126472           | 12/16/2025          | 1,648.56             |
| Freeus Llc                             | 126473           | 12/16/2025          | 755.70               |
| Hi-Grade Materials                     | 126474           | 12/16/2025          | 1,044.02             |
| Napa Victorville                       | 126475           | 12/16/2025          | 164.83               |
| Quill Corporation                      | 126476           | 12/16/2025          | 91.00                |
| Rain For Rent                          | 126477           | 12/16/2025          | 2,716.40             |
| Sel Engineering Services Inc           | 126478           | 12/16/2025          | 30,000.00            |
| Uline, Inc.                            | 126479           | 12/16/2025          | 1,849.96             |
| United Rentals Northwest, Inc          | 126480           | 12/16/2025          | 1,333.29             |
| Apex Rentals                           | 126481           | 12/22/2025          | 25.36                |
| City Of Victorville / Utility Billing  | 126482           | 12/22/2025          | 20,469.27            |
| Consibio Inc                           | 126483           | 12/22/2025          | 15,222.00            |
| Dell Inc.                              | 126484           | 12/22/2025          | 387.97               |
| Duperon Corporation                    | 126485           | 12/22/2025          | 5,498.40             |
| Flo-Systems, Inc.                      | 126486           | 12/22/2025          | 1,426.66             |
| Hi-Desert Communications               | 126487           | 12/22/2025          | 150.00               |
| Institute For Environmental Health Inc | 126488           | 12/22/2025          | 10,455.00            |
| Napa Victorville                       | 126489           | 12/22/2025          | 254.29               |
| Quill Corporation                      | 126490           | 12/22/2025          | 1,151.55             |
| Safety-Kleen Systems Inc.              | 126491           | 12/22/2025          | 2,951.90             |
| Uline, Inc.                            | 126492           | 12/22/2025          | 2,451.48             |
| Vasquez & Company, Llp                 | 126493           | 12/22/2025          | 10,150.00            |
| World Oil Environmental Services       | 126494           | 12/22/2025          | 173.00               |
| Guardian                               | 126495           | 12/29/2025          | 670.08               |
|                                        |                  | <b>Total Checks</b> | <b>\$ 178,525.12</b> |
|                                        |                  |                     |                      |
| Cintas Corporation                     | 24154            | 12/04/2025          | \$ 41.76             |
| Consumers Pipe & Supply, Co.           | 24155            | 12/04/2025          | \$ 36.92             |
| Cottrell,Chase                         | 24156            | 12/04/2025          | \$ 3,886.00          |
| Crane Pro Services                     | 24157            | 12/04/2025          | \$ 1,794.25          |
| Davis Electric, Inc                    | 24158            | 12/04/2025          | \$ 28,174.32         |
| Fha Services, Inc.                     | 24159            | 12/04/2025          | \$ 923.00            |
| G.A. Osborne Pipe & Supply             | 24160            | 12/04/2025          | \$ 430.13            |
| Grainger                               | 24161            | 12/04/2025          | \$ 1,562.62          |
| Graybar Electric Co., Inc.             | 24162            | 12/04/2025          | \$ 85,916.05         |

**Victor Valley Wastewater Reclamation Authority**  
**Cash Disbursement Register**  
**From 12/1/2025 through 12/31/2025**

| <b>Vendor Name</b>                                 | <b>Payment #</b> | <b>Date</b> | <b>Total</b> |
|----------------------------------------------------|------------------|-------------|--------------|
| Ingersoll Rand                                     | 24163            | 12/04/2025  | \$ 9,013.82  |
| Mcmaster-Carr Supply Co.                           | 24164            | 12/04/2025  | \$ 1,228.53  |
| Ndk Chem, Inc.                                     | 24165            | 12/04/2025  | \$ 29,321.82 |
| Prudential Overall Supply                          | 24166            | 12/04/2025  | \$ 894.65    |
| Rotary Club Of Victorville                         | 24167            | 12/04/2025  | \$ 300.00    |
| Sturdivan Emergency Management Llc                 | 24168            | 12/04/2025  | \$ 7,428.58  |
| Veteran Janitorial, Llc                            | 24169            | 12/04/2025  | \$ 3,730.00  |
| Victor Valley Wastewater Employees Assoc           | 24170            | 12/04/2025  | \$ 1,305.00  |
| Water Resources Economics                          | 24171            | 12/04/2025  | \$ 6,970.00  |
| Westover, Kalin                                    | 24172            | 12/04/2025  | \$ 274.00    |
| A.D.S. Corp.                                       | 24173            | 12/12/2025  | \$ 8,470.00  |
| Beck Oil, Inc.                                     | 24174            | 12/12/2025  | \$ 69.60     |
| Best, Best & Krieger, L.L.P.                       | 24175            | 12/12/2025  | \$ 55,518.05 |
| Brenntag Pacific, Inc                              | 24176            | 12/12/2025  | \$ 1,122.61  |
| Cintas Corporation                                 | 24177            | 12/12/2025  | \$ 1,741.50  |
| Dudek                                              | 24178            | 12/12/2025  | \$ 2,520.00  |
| Dxp Enterprises                                    | 24179            | 12/12/2025  | \$ 3,596.65  |
| Fha Services, Inc.                                 | 24180            | 12/12/2025  | \$ 1,833.00  |
| Grainger                                           | 24181            | 12/12/2025  | \$ 243.76    |
| Hawthorne Power Systems                            | 24182            | 12/12/2025  | \$ 44,882.59 |
| Larry Walker Associates                            | 24183            | 12/12/2025  | \$ 4,627.75  |
| Mcmaster-Carr Supply Co.                           | 24184            | 12/12/2025  | \$ 291.85    |
| Ndk Chem, Inc.                                     | 24185            | 12/12/2025  | \$ 12,508.88 |
| Palazzo, Cyle                                      | 24186            | 12/12/2025  | \$ 815.61    |
| Polydyne Inc.                                      | 24187            | 12/12/2025  | \$ 8,304.15  |
| Siemens Industry Inc.                              | 24188            | 12/12/2025  | \$ 1,729.12  |
| T-Mobile                                           | 24189            | 12/12/2025  | \$ 116.76    |
| U.S. Bank                                          | 24190            | 12/12/2025  | \$ 20,605.90 |
| Bargain Byte                                       | 24191            | 12/17/2025  | \$ 8,559.94  |
| Beck Oil, Inc.                                     | 24192            | 12/17/2025  | \$ 34.80     |
| Blue Ally Technology Sol. (Prev. Virtual Graffiti) | 24193            | 12/17/2025  | \$ 55,883.60 |
| Connor Concrete Cutting And Coring                 | 24194            | 12/17/2025  | \$ 800.00    |
| Fha Services, Inc.                                 | 24195            | 12/17/2025  | \$ 5,046.43  |
| Grainger                                           | 24196            | 12/17/2025  | \$ 420.17    |
| Hach Company                                       | 24197            | 12/17/2025  | \$ 8,735.17  |
| Mcgrath Rentcorp                                   | 24198            | 12/17/2025  | \$ 7,599.19  |
| Mcmaster-Carr Supply Co.                           | 24199            | 12/17/2025  | \$ 1,138.62  |
| Performance Contracting, Inc                       | 24200            | 12/17/2025  | \$ 46,000.00 |
| Prudential Overall Supply                          | 24201            | 12/17/2025  | \$ 893.50    |
| Royal Industrial Solutions                         | 24202            | 12/17/2025  | \$ 1,000.01  |
| Tomorrow'S Talent                                  | 24203            | 12/17/2025  | \$ 10,500.00 |
| Veteran Janitorial, Llc                            | 24204            | 12/17/2025  | \$ 3,730.00  |
| Walters Wholesale Electric                         | 24205            | 12/17/2025  | \$ 272.75    |
| Adt Commercial                                     | 24206            | 12/23/2025  | \$ 613.11    |
| Allmax Software, Inc.                              | 24207            | 12/23/2025  | \$ 11,125.00 |
| American Express                                   | 24208            | 12/23/2025  | \$ 13,532.22 |
| Anthony, Donna                                     | 24209            | 12/23/2025  | \$ 264.31    |
| Babcock Laboratories, Inc.                         | 24210            | 12/23/2025  | \$ 19,723.59 |
| Beck Oil, Inc.                                     | 24211            | 12/23/2025  | \$ 1,572.71  |
| Best, Best & Krieger, L.L.P.                       | 24212            | 12/23/2025  | \$ 37,178.17 |
| Billings, Richard                                  | 24213            | 12/23/2025  | \$ 409.00    |
| Biogas Power Systems- Mojave, Llc                  | 24214            | 12/23/2025  | \$ 64,119.27 |
| Brenntag Pacific, Inc                              | 24215            | 12/23/2025  | \$ 1,692.61  |
| Brightview Landscape Services Inc                  | 24216            | 12/23/2025  | \$ 11,333.33 |
| C.S. Amsco                                         | 24217            | 12/23/2025  | \$ 2,501.20  |
| Cdw Government, Inc                                | 24218            | 12/23/2025  | \$ 1,003.87  |
| Cintas Corporation                                 | 24219            | 12/23/2025  | \$ 829.36    |

**Victor Valley Wastewater Reclamation Authority**  
**Cash Disbursement Register**  
**From 12/1/2025 through 12/31/2025**

| Vendor Name                                      | Payment # | Date       | Total         |
|--------------------------------------------------|-----------|------------|---------------|
| Consumers Pipe & Supply, Co.                     | 24220     | 12/23/2025 | \$ 9,715.07   |
| Correia, Linda                                   | 24221     | 12/23/2025 | \$ 409.00     |
| Culligan Water Conditioning                      | 24222     | 12/23/2025 | \$ 996.60     |
| D.K.F. Solutions Group, Llc                      | 24223     | 12/23/2025 | \$ 500.00     |
| Dagnino, Roy                                     | 24224     | 12/23/2025 | \$ 409.00     |
| Davis Electric, Inc                              | 24225     | 12/23/2025 | \$ 9,800.00   |
| Davis, Tim                                       | 24226     | 12/23/2025 | \$ 409.00     |
| Ehs International Inc.                           | 24227     | 12/23/2025 | \$ 2,280.00   |
| Fha Services, Inc.                               | 24228     | 12/23/2025 | \$ 9,495.00   |
| Flint, Terrie Gossard                            | 24229     | 12/23/2025 | \$ 409.00     |
| Grainger                                         | 24230     | 12/23/2025 | \$ 1,168.79   |
| Gyurcsik, Darline                                | 24231     | 12/23/2025 | \$ 409.00     |
| Haaker Equipment Company                         | 24232     | 12/23/2025 | \$ 5,399.39   |
| Hawthorne Power Systems                          | 24233     | 12/23/2025 | \$ 12,604.25  |
| Hinojosa, Thomas                                 | 24234     | 12/23/2025 | \$ 409.00     |
| Keniston, Olin                                   | 24235     | 12/23/2025 | \$ 409.00     |
| Lawrence Roll Up Doors, Inc.                     | 24236     | 12/23/2025 | \$ 3,891.08   |
| Main, Randy                                      | 24237     | 12/23/2025 | \$ 409.00     |
| Mcgee, Mark                                      | 24238     | 12/23/2025 | \$ 409.00     |
| Memaster-Carr Supply Co.                         | 24239     | 12/23/2025 | \$ 708.49     |
| Montgomery, Lillie                               | 24240     | 12/23/2025 | \$ 319.29     |
| Muniquip Llc                                     | 24241     | 12/23/2025 | \$ 3,611.25   |
| Nalian, L. Christina                             | 24242     | 12/23/2025 | \$ 319.29     |
| Nave, Patrick                                    | 24243     | 12/23/2025 | \$ 409.00     |
| Ndk Chem, Inc.                                   | 24244     | 12/23/2025 | \$ 30,650.70  |
| Netgain Networks, Inc                            | 24245     | 12/23/2025 | \$ 2,100.00   |
| Parada Painting, Inc.                            | 24246     | 12/23/2025 | \$ 49,776.00  |
| Pro Automation Co.                               | 24247     | 12/23/2025 | \$ 2,960.00   |
| Procurement Consulting Services, Llc.            | 24248     | 12/23/2025 | \$ 875.00     |
| Prudential Overall Supply                        | 24249     | 12/23/2025 | \$ 902.20     |
| Quinn Company                                    | 24250     | 12/23/2025 | \$ 36.00      |
| Royal Industrial Solutions                       | 24251     | 12/23/2025 | \$ 8,272.00   |
| Santa Fe Water Systems                           | 24252     | 12/23/2025 | \$ 297,040.07 |
| Sturdivan Emergency Management Llc               | 24253     | 12/23/2025 | \$ 7,428.58   |
| Underground Service Alert Of Southern California | 24254     | 12/23/2025 | \$ 48.00      |
| Water Resources Economics                        | 24255     | 12/23/2025 | \$ 5,205.00   |
| White Cap, L.P.                                  | 24256     | 12/23/2025 | \$ 480.95     |
| Bluetriton Brands, Inc                           | DFT05124  | 12/03/2025 | \$ 1,285.23   |
| Flyers Energy, Llc                               | DFT05125  | 12/03/2025 | \$ 1,895.42   |
| Liberty Utilities                                | DFT05127  | 12/03/2025 | \$ 134.03     |
| Hesperia Water District                          | DFT05128  | 12/03/2025 | \$ 702.26     |
| Lincoln Financial Group                          | DFT05129  | 12/03/2025 | \$ 6,230.04   |
| Lincoln Financial Group                          | DFT05130  | 12/03/2025 | \$ 70.65      |
| Principal Life Ins. Co.                          | DFT05131  | 12/03/2025 | \$ 3,164.65   |
| Southwest Gas Company                            | DFT05132  | 12/03/2025 | \$ 69,702.62  |
| Southwest Gas Company                            | DFT05133  | 12/03/2025 | \$ 54,782.46  |
| Spectrum (Prev. Charter Communications)          | DFT05134  | 12/03/2025 | \$ 3,928.19   |
| State Water Resources Control Board              | DFT05135  | 12/03/2025 | \$ 257,745.38 |
| Ups                                              | DFT05136  | 12/03/2025 | \$ 322.30     |
| Flyers Energy, Llc                               | DFT05139  | 12/12/2025 | \$ 1,364.43   |
| Konica Minolta Business Solutions                | DFT05140  | 12/12/2025 | \$ 391.50     |
| Southern California Edison                       | DFT05141  | 12/12/2025 | \$ 73,934.43  |
| Town Of Apple Valley                             | DFT05142  | 12/13/2025 | \$ 210.00     |
| Southern California Edison                       | DFT05143  | 12/12/2025 | \$ 866.42     |
| Nationwide Retirement Solutions                  | DFT05144  | 12/12/2025 | \$ 900.00     |
| Ups                                              | DFT05147  | 12/17/2025 | \$ 252.06     |
| Southern California Edison                       | DFT05148  | 12/17/2025 | \$ 23,347.48  |

**Victor Valley Wastewater Reclamation Authority**  
**Cash Disbursement Register**  
**From 12/1/2025 through 12/31/2025**

| Vendor Name                             | Payment # | Date       | Total                  |
|-----------------------------------------|-----------|------------|------------------------|
| Southern California Edison              | DFT05149  | 12/17/2025 | \$ 2,775.97            |
| Southern California Edison              | DFT05150  | 12/17/2025 | \$ 27,927.49           |
| Southwest Gas Company                   | DFT05151  | 12/17/2025 | \$ 93.22               |
| Southwest Gas Company                   | DFT05152  | 12/17/2025 | \$ 33.71               |
| Southwest Gas Company                   | DFT05153  | 12/17/2025 | \$ 102.02              |
| Nationwide Retirement Solutions         | DFT05154  | 12/26/2025 | \$ 38,552.37           |
| At&T Mobility                           | DFT05157  | 12/30/2025 | \$ 216.20              |
| Bluetriton Brands, Inc                  | DFT05158  | 12/30/2025 | \$ 1,031.00            |
| Flyers Energy, Llc                      | DFT05159  | 12/30/2025 | \$ 2,635.87            |
| Konica Minolta Business Solutions       | DFT05160  | 12/30/2025 | \$ 391.50              |
| Enterprise Fm Trust                     | DFT05161  | 12/30/2025 | \$ 14,709.04           |
| Liberty Utilities                       | DFT05162  | 12/30/2025 | \$ 103.27              |
| Liberty Utilities                       | DFT05163  | 12/30/2025 | \$ 1,325.01            |
| Lincoln Financial Group                 | DFT05164  | 12/30/2025 | \$ 6,859.85            |
| Lincoln Financial Group                 | DFT05165  | 12/30/2025 | \$ 78.83               |
| Principal Life Ins. Co.                 | DFT05166  | 12/30/2025 | \$ 3,687.70            |
| Southwest Gas Company                   | DFT05167  | 12/30/2025 | \$ 41,987.78           |
| Southwest Gas Company                   | DFT05168  | 12/30/2025 | \$ 53,942.09           |
| Spectrum (Prev. Charter Communications) | DFT05169  | 12/30/2025 | \$ 5,536.08            |
| Ups                                     | DFT05170  | 12/30/2025 | \$ 353.41              |
| <b>Total EFT's and ACH</b>              |           |            | <b>\$ 1,842,986.12</b> |

**Approved**



|                                      |                        |
|--------------------------------------|------------------------|
| <b>Total Checks</b>                  | <b>\$ 178,525.12</b>   |
| <b>Total EFT's and ACH</b>           | <b>\$ 1,842,986.12</b> |
| <b>Total Payroll - December 2025</b> | <b>\$ 646,541.39</b>   |
| <b>Total</b>                         | <b>\$ 2,668,052.63</b> |



# VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

## Board Of Commissioners Staff Report

**TO:** VVWRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Xiwei Wang, Accounting Supervisor

**DATE:** 01/29/2026

**SUBJECT:** **Recommendation That the Board of Commissioners Authorize the General Manager to Amend the Fiscal Year 2026 Budget by Utilizing a Portion of the FY 2025 Excess Fund Reserves and Approve the Revised FY 2026 Salary Schedule to Reflect the Position Changes from the Mid-Year Organization Restructuring Process.**

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**Fiscal Impact** N/A

**Account Code:**

**Funds Budgeted/ Approved:**

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### STAFF RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to amend the FY 2026 Operating Budget by utilizing a portion of the excess fund reserve from FY 2025 to replenish the operating contingency accounts, as well as covering the additional costs needed for several capital projects. Also, it is recommended that the Board of Commissioners approve the revised FY 2026 salary schedule to reflect the position changes from the organization restructuring process in the current fiscal year.

### PREVIOUS ACTION(S)

On June 26, 2025, the VVWRA Board of Commissioners approved the FY 2026 Budget.

### BACKGROUND INFORMATION

The current Mid-Year budget review reflects a balanced budget to date and expected revenues and expenses are on track to meet fiscal year budgeted needs. As part of the Mid-Year budget revision process, staff revised the FY 2026 expected revenue budget based on year-to-date information as of November 30, 2025. Staff also recalculated the beginning 2026 fiscal year User Charge and Connection Fee fund reserve balances by using information from the FY 2025 audited financial statements. As a result, an additional beginning User Charge fund balance of \$3,218,552 (\$12,302,268-\$9,083,716) is available to cover additional operating expenses and capital project expenditures.

|                                        | FY 2026<br>Adopted Budget | FY 2026<br>Mid Year Budget |
|----------------------------------------|---------------------------|----------------------------|
| Beginning User Charge Fund Balance     | 9,083,716                 | 12,302,268                 |
| Net Operating Budget - User Charge     | 4,260,582                 | 4,260,582                  |
| <b>Total Reserve</b>                   | <b>13,344,298</b>         | <b>16,562,850</b>          |
| Restricted Reserve - SRF Loan Payment  | (2,749,736)               | (2,749,736)                |
| Restricted Reserve - Operating Reserve | (2,546,246)               | (2,546,246)                |
| Restricted Reserve - Emergency Reserve | (1,000,000)               | (1,000,000)                |
| <b>Unallocated Reserve Surplus</b>     | <b>7,048,316</b>          | <b>10,266,868</b>          |
| Supplemental Capital Purchase          | (1,900,500)               | (1,900,500)                |
| Capital Projects                       | (4,850,000)               | (4,850,000)                |
| <b>Unspent Unrestricted Reserve</b>    | <b>297,816</b>            | <b>3,516,368</b>           |

During FY 2026, staff made several transfers from the contingency accounts to cover the unexpected expenses in several accounts. Staff recommends that the Board of Commissioners approve the General Manager to utilize a portion of the \$3,218,552 additional beginning User Charge fund balance to replenish the contingency accounts that require additional funding, as well as utilize a portion of the User Charge fund unallocated reserve surplus to cover the capital purchases and capital projects as listed below.

|                                        | FY 2026<br>Adopted Budget | FY 2026<br>Mid Year Budget |
|----------------------------------------|---------------------------|----------------------------|
| Beginning User Charge Fund Balance     | 9,083,716                 | 12,302,268                 |
| Net Operating Budget - User Charge     | 4,260,582                 | 4,260,582                  |
| Contingency - Operations               | -                         | (250,000)                  |
| Contingency - Administration           | -                         | (100,000)                  |
| <b>Net After Transfers</b>             | <b>4,260,582</b>          | <b>3,910,582</b>           |
| <b>Total Reserve</b>                   | <b>13,344,298</b>         | <b>16,212,850</b>          |
| Restricted Reserve - SRF Loan Payment  | (2,749,736)               | (2,749,736)                |
| Restricted Reserve - Operating Reserve | (2,546,246)               | (2,546,246)                |
| Restricted Reserve - Emergency Reserve | (1,000,000)               | (1,000,000)                |
| <b>Unallocated Reserve Surplus</b>     | <b>7,048,316</b>          | <b>9,916,868</b>           |
| Supplemental Capital Purchase          | (1,900,500)               | (1,100,500)                |
| Capital Projects                       | (4,850,000)               | (4,850,000)                |
| Mid Year Capital Projects Additions    | -                         | (567,000)                  |
|                                        | <b>297,816</b>            | <b>3,399,368</b>           |

| User Charge Fund CIP Projects              |                  |                  |
|--------------------------------------------|------------------|------------------|
|                                            | Adopted Budget   | Mid Year Budget  |
| Old Admin Building Rehab                   | 1,280,000        | 1,280,000        |
| 1W Potable Water Connection                | 400,000          | 400,000          |
| MCC Replacement Program                    | 870,000          | 870,000          |
| Mojave River Ossum Wash Improvements       | 300,000          | 300,000          |
| Regional Plant Headworks Repair            | 1,200,000        | 1,000,000        |
| Regional Plant Emergency Controls Upgrade  | 300,000          | 722,000          |
| Rehab of South Apple Valley Manholes       | 500,000          | 500,000          |
| Sludge and Aeration Valves Assembly        | -                | 345,000          |
| <b>Total User Charge Fund CIP Projects</b> | <b>4,850,000</b> | <b>5,417,000</b> |

The former Director of Administration oversaw more than six functions. Management has proposed a restructuring plan to break down the broad responsibilities of the former Director role into specialized positions that allow for deeper expertise in critical areas.

| Eliminated Positions:                                               |  | Salary Range: |                 |
|---------------------------------------------------------------------|--|---------------|-----------------|
| Director of Administrative Services (Contract)                      |  | \$ 182,632.75 | - \$ 222,629.33 |
| Business Application Manager (Non-Contract)                         |  | \$ 141,300.10 | - \$ 172,245.53 |
| New Positions:                                                      |  |               |                 |
| Assistant General Manager (Contract)                                |  | \$ 209,417.82 | - \$ 255,280.33 |
| Director of Engineering and Environmental Compliance (Non-Contract) |  | \$ 154,184.61 | - \$ 187,842.56 |
| Director of Human Resources and Risk Management (Non-Contract)      |  | \$ 154,184.61 | - \$ 187,842.56 |
| Director of Finance and Procurement (Non-Contract)                  |  | \$ 154,184.61 | - \$ 187,842.56 |
| Modified Existing Positions:                                        |  |               |                 |
| Director of Operations and Maintenance: Contract -> Non-Contract    |  | \$ 154,184.61 | - \$ 187,842.56 |

The proposed new positions have no negative impact on the current fiscal year's personnel budget. This is due to the cost savings realized from eliminating the Director of Administration position, as well as leaving the Director of Operations and Maintenance vacant, which offset the expenses associated with the new roles.



**Victor Valley Wastewater Reclamation Authority  
Fiscal Year 2025-2026 Effective January 31, 2026**

| Position Classification                              | Range    | Hourly Minimum | Hourly Maximum | Monthly Minimum | Monthly Maximum | Annual Minimum | Annual Maximum |
|------------------------------------------------------|----------|----------------|----------------|-----------------|-----------------|----------------|----------------|
| Utility Worker                                       | 12       | \$23.33        | \$28.46        | \$4,044.30      | \$4,933.41      | \$48,531.65    | \$59,200.92    |
| Environmental Instrumentation Tech In Training       | 15       | \$24.21        | \$29.54        | \$4,196.88      | \$5,119.90      | \$50,362.60    | \$61,438.76    |
| Information Systems Technician In Training           | 15       | \$24.21        | \$29.54        | \$4,196.88      | \$5,119.90      | \$50,362.60    | \$61,438.76    |
| Maintenance Mechanic In Training                     | 15       | \$24.21        | \$29.54        | \$4,196.88      | \$5,119.90      | \$50,362.60    | \$61,438.76    |
| Operator In Training                                 | 15       | \$24.21        | \$29.54        | \$4,196.88      | \$5,119.90      | \$50,362.60    | \$61,438.76    |
| Accounting Technician                                | 34       | \$30.69        | \$37.40        | \$5,319.57      | \$6,481.81      | \$63,834.82    | \$77,781.74    |
| Asset Management Clerk                               | 48       | \$36.49        | \$44.47        | \$6,325.46      | \$7,708.10      | \$75,905.58    | \$92,497.20    |
| Operator and Mechanic Tech                           | 51       | \$37.91        | \$46.18        | \$6,570.35      | \$8,003.84      | \$78,844.15    | \$96,046.10    |
| Sanitary Sewer System Operator                       | 51       | \$37.91        | \$46.18        | \$6,570.35      | \$8,003.84      | \$78,844.15    | \$96,046.10    |
| Accountant I                                         | 52       | \$38.38        | \$46.74        | \$6,653.23      | \$8,101.79      | \$79,838.74    | \$97,221.52    |
| Electrical Instrumentation Tech I                    | 54       | \$39.33        | \$47.93        | \$6,817.11      | \$8,307.12      | \$81,805.32    | \$99,685.40    |
| Human Resource Technician                            | 54       | \$39.33        | \$47.93        | \$6,817.11      | \$8,307.12      | \$81,805.32    | \$99,685.40    |
| Information Systems Technician                       | 54       | \$39.33        | \$47.93        | \$6,817.11      | \$8,307.12      | \$81,805.32    | \$99,685.40    |
| Environmental Compliance Inspector                   | 56       | \$40.31        | \$49.13        | \$6,986.64      | \$8,516.21      | \$83,839.72    | \$102,194.49   |
| Electrical Instrumentation Tech II                   | 59       | \$41.84        | \$50.99        | \$7,252.25      | \$8,838.32      | \$87,026.94    | \$106,059.84   |
| Senior Operator and Senior Maintenance Mechanic      | 62       | \$43.43        | \$52.91        | \$7,527.27      | \$9,171.74      | \$90,327.18    | \$110,060.82   |
| Senior Accountant                                    | 64       | \$44.55        | \$54.26        | \$7,721.29      | \$9,405.31      | \$92,655.44    | \$112,863.77   |
| Executive Assistant - GM/Board                       | 64       | \$44.55        | \$54.26        | \$7,721.29      | \$9,405.31      | \$92,655.44    | \$112,863.77   |
| Senior Maintenance Mechanic                          | 69       | \$47.40        | \$57.76        | \$8,216.70      | \$10,011.87     | \$98,600.39    | \$120,142.39   |
| Electrical Instrumentation Technician III            | 69       | \$47.40        | \$57.76        | \$8,216.70      | \$10,011.87     | \$98,600.39    | \$120,142.39   |
| Safety & Communications Officer                      | 75       | \$51.06        | \$62.17        | \$8,849.62      | \$10,776.65     | \$106,195.47   | \$129,319.77   |
| Lead Accountant                                      | 80       | \$54.35        | \$66.20        | \$9,420.38      | \$11,475.50     | \$113,044.60   | \$137,706.00   |
| Lead Operator                                        | 80       | \$54.35        | \$66.20        | \$9,420.38      | \$11,475.50     | \$113,044.60   | \$137,706.00   |
| Lead Maintenance Mechanic                            | 80       | \$54.35        | \$66.20        | \$9,420.38      | \$11,475.50     | \$113,044.60   | \$137,706.00   |
| Technology Lead                                      | 80       | \$54.35        | \$66.20        | \$9,420.38      | \$11,475.50     | \$113,044.60   | \$137,706.00   |
| Accounting Supervisor                                | 90       | \$61.50        | \$74.92        | \$10,659.86     | \$12,986.23     | \$127,918.30   | \$155,834.73   |
| Maintenance Supervisor                               | 90       | \$61.50        | \$74.92        | \$10,659.86     | \$12,986.23     | \$127,918.30   | \$155,834.73   |
| Operations Supervisor                                | 90       | \$61.50        | \$74.92        | \$10,659.86     | \$12,986.23     | \$127,918.30   | \$155,834.73   |
| Director of Engineering and Environmental Compliance | 105      | \$74.13        | \$90.31        | \$12,848.72     | \$15,653.55     | \$154,184.61   | \$187,842.56   |
| Director of Human Resources and Risk Management      | 105      | \$74.13        | \$90.31        | \$12,848.72     | \$15,653.55     | \$154,184.61   | \$187,842.56   |
| Director of Finance and Procurement                  | 105      | \$74.13        | \$90.31        | \$12,848.72     | \$15,653.55     | \$154,184.61   | \$187,842.56   |
| Director of Operations and Maintenance               | 105      | \$74.13        | \$90.31        | \$12,848.72     | \$15,653.55     | \$154,184.61   | \$187,842.56   |
| Assistant General Manager                            | Contract | \$100.68       | \$122.73       | \$17,451.49     | \$21,273.36     | \$209,417.82   | \$255,280.33   |
| General Manager                                      | Contract | \$114.51       | \$139.58       | \$19,847.56     | \$24,194.18     | \$238,170.75   | \$290,330.15   |

Updated January 29, 2026





# VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

## Board Of Commissioners Staff Report

**TO:** VVWRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Xiwei Wang, Accounting Supervisor

**DATE:** 01/29/2026

**SUBJECT:** **Adoption of Resolution 2026-01 approve revised publicly available pay schedules in accordance with CalPERS guidelines**

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**Fiscal Impact** N/A

**Account Code:**

**Funds Budgeted/ Approved:**

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### STAFF RECOMMENDATION

It is recommended that the Board of Commissioners adopt Resolution 2026-01 to approve the revised publicly available pay schedules effective July 1, 2020, July 1, 2021, July 1, 2022, July 1, 2023, July 1, 2024, and July 1, 2025, in accordance with CalPERS guidelines.

### PREVIOUS ACTION(S)

N/A

### BACKGROUND INFORMATION

The California Public Employees' Retirement System (CalPERS), pursuant to California Code of Regulations sections 570.5 and 571.1, requires all CalPERS employers to make their compensation levels publicly available in document(s) approved and adopted by the governing body, which must meet all of the following requirements:

- 1) Has been duly approved and adopted by the employer's governing body in accordance with requirements of applicable public meeting laws;
- 2) Identifies the position title for every employee position;
- 3) Shows the pay rate for each identified position, which may be state as a single amount or as multiple amounts within a range;
- 4) Indicates the time base, including, but not limited to, whether the time base is hourly, daily, bi-weekly, monthly, bi-monthly, or annually;
- 5) Is posted at the office of the employer or immediately accessible and available for public review from the employer during normal business hours or posted on the employer's internet website;
- 6) Indicates an effective date and date of any revisions;
- 7) Is retained by the employer and available for public inspection for not less than five years; and
- 8) Does not reference another document in lieu of disclosing the pay rate.

The Authority received a determination letter dated October 27, 2025 related to compensation reported on one of its recently retired employees. CalPERS' determination letter asserted that base salary rates reported to CalPERS were not compliant because the base salary for the position was not contained on a publicly available pay schedule for the years relevant to CalPERS' review. Legal counsel performed a routine review, recommending revisions to the Authority's publicly

available pay schedules to comply with CalPERS' overarching requirements in the Public Employees' Retirement Law. Recommendations included the need to add salary ranges for all positions that do not have salary values conveyed on the Authority's publicly available pay schedule. Those positions are the General Manager, Director of Administration, Director of Operations and Maintenance, and when applicable, Controller and Plant Superintendent.

Subsequently, legal counsel submitted an appeal letter to CalPERS in relation to the determination letter to maintain the Authority's appeal rights while the publicly available pay schedules are brought into compliance. The updated publicly available pay schedules effective July 1, 2020, July 1, 2021, July 1, 2022, July 1, 2023, July 1, 2024, and July 1, 2025 now reflect salary ranges for all positions.

Current and retroactive base salary rates for all positions have already been established and, where necessary, approved by the Board of Commissioners.

The purpose of approving this resolution is to ensure that the Authority's publicly available pay schedules meet all the applicable requirements of California Code of Regulations sections 570.5 and 571.1. These publicly available pay schedules will be posted on the Authority's website. Any subsequent revisions will be similarly presented to the Board of Commissioners for adoption and approval at a future meeting.

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### **Attachments**

VVWRA\_Resolution 2026-01 CalPERS\_Pay Schedules  
FY 2021-FY 2026 Revised Salary Schedules

## **RESOLUTION NO. 2026-01**

### **A RESOLUTION OF THE BOARD OF COMMISSIONERS OF THE VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY TO APPROVING AND ADOPTING REVISED PUBLICLY AVAILABLE PAY SCHEDULES IN ACCORDANCE WITH CALPERS GUIDELINES**

**WHEREAS**, the Victor Valley Wastewater Reclamation Authority ("Authority") contracts with the California Public Employees' Retirement System ("CalPERS") to provide retirement benefits to eligible employees; and

**WHEREAS**, CalPERS provides pensions to eligible employees pursuant to the Public Employees' Retirement Law, Government Code section 20000 *et seq.* ("PERL") and the Public Employees' Pension Reform Act ("PEPRA"); and

**WHEREAS**, CalPERS regulations require that employee salaries be included on a publicly available pay schedule as defined in California Code of Regulations, Title 2, section 570.5 for classic members and section 571.1 for new members; and

**WHEREAS**, sections 570.5 and 571.1 also require that the Authority's salary schedules be approved by the Board of Commissioners in accordance with public meeting laws; and

**WHEREAS**, salaries for Authority employees which have been previously approved by the Board of Commissioners in accordance with adopted policies and in compliance with applicable public meeting laws must be identified on a publicly available pay schedule; and

**WHEREAS**, solely for the purpose of complying with sections 570.5 and 571.1, it has been determined that it is in GPA's best interest to have the publicly available pay schedules effective July 1, 2020, July 1, 2021, July 1, 2022, July 1, 2023, July 1, 2024 and July 1, 2025 approved by the Board of Directors.

**NOW, THEREFORE, THE BOARD OF COMMISSIONERS OF THE VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY DOES HEREBY RESOLVE AS FOLLOWS:**

**SECTION 1. Recitals.** The Authority's Board of Commissioners hereby finds that the foregoing recitals are true and correct and are incorporated herein as substantive findings of this Resolution.

**SECTION 2.** The Authority's Board of Commissioners hereby approves the revised publicly available pay schedules effective July 1, 2020, July 1, 2021, July 1, 2022, July 1, 2023, July 1, 2024 and July 1, 2025, attached hereto as "Exhibit 1."

**SECTION 9. Execution of Resolution.** The Chair of the Authority's Board of Commissioners shall sign this Resolution and the Secretary to the Board shall attest and certify to the passage and adoption thereof.

**SECTION 10. Effective Date of Resolution.** The foregoing resolution shall take effect immediately upon its adoption.

**PASSED, APPROVED, AND ADOPTED this 29<sup>th</sup> day of January, 2026.**

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Cameron Gregg, Chair

VVWRA Board of Commissioners

**ATTEST:**

**APPROVED AS TO FORM:**

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Scott Nassif, Secretary

VVWRA Board of Commissioners

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Piero Dallarda of

Best Best & Krieger LLP, Counsel VVWRA

**CERTIFICATION:**

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Board of Commissioners held on January 29, 2026.

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Kristi Casteel – Clerk of the Board



**Victor Valley Wastewater Reclamation Authority Fiscal Year 2020-2021**

| Position Classification                   | Range    | Hourly Minimum | Hourly Maximum | Monthly Minimum | Monthly Maximum | Annual Minimum | Annual Maximum |
|-------------------------------------------|----------|----------------|----------------|-----------------|-----------------|----------------|----------------|
| Septage Receiving Attendant               | 12       | \$18.89        | \$23.04        | \$3,274.27      | \$3,993.60      | \$39,291.20    | \$47,923.20    |
| Accounting Technician                     | 34       | \$24.84        | \$30.27        | \$4,305.60      | \$5,246.80      | \$51,667.20    | \$62,961.60    |
| Utility Worker II                         | 40       | \$26.75        | \$32.60        | \$4,636.67      | \$5,650.67      | \$55,640.00    | \$67,808.00    |
| Asset Management Clerk                    | 48       | \$29.54        | \$36.00        | \$5,120.27      | \$6,240.00      | \$61,443.20    | \$74,880.00    |
| Operator I and Mechanical Tech I          | 51       | \$30.69        | \$37.38        | \$5,319.60      | \$6,479.20      | \$63,835.20    | \$77,750.40    |
| Accountant I                              | 52       | \$31.07        | \$37.84        | \$5,385.47      | \$6,558.93      | \$64,625.60    | \$78,707.20    |
| Electrical Instrumentation Tech I         | 54       | \$31.84        | \$38.79        | \$5,518.93      | \$6,723.60      | \$66,227.20    | \$80,683.20    |
| Human Resource/Payroll Technician         | 54       | \$31.84        | \$38.79        | \$5,518.93      | \$6,723.60      | \$66,227.20    | \$80,683.20    |
| Information Systems Technician            | 54       | \$31.84        | \$38.79        | \$5,518.93      | \$6,723.60      | \$66,227.20    | \$80,683.20    |
| Environmental Compliance Inspector        | 56       | \$32.63        | \$39.77        | \$5,655.87      | \$6,893.47      | \$67,870.40    | \$82,721.60    |
| Electrical Instrumentation Tech II        | 59       | \$33.87        | \$41.28        | \$5,870.80      | \$7,155.20      | \$70,449.60    | \$85,562.40    |
| Operator II and Mechanical Tech II        | 59       | \$33.87        | \$41.28        | \$5,870.80      | \$7,155.20      | \$70,449.60    | \$85,562.40    |
| Operator III and Mechanical Tech III      | 62       | \$35.15        | \$42.83        | \$6,092.67      | \$7,423.87      | \$73,112.00    | \$89,086.40    |
| Senior Accountant                         | 64       | \$36.06        | \$43.92        | \$6,250.40      | \$7,612.80      | \$75,004.80    | \$91,353.60    |
| Secretary - GM/Board                      | 64       | \$36.06        | \$43.92        | \$6,250.40      | \$7,612.80      | \$75,004.80    | \$91,353.60    |
| IS Coordinator                            | 68       | \$37.89        | \$46.15        | \$6,567.60      | \$7,999.33      | \$78,811.20    | \$95,992.00    |
| Maintenance Tech IV                       | 69       | \$38.37        | \$46.75        | \$6,650.80      | \$8,103.33      | \$79,809.60    | \$97,240.00    |
| Electrical Instrumentation Technician III | 69       | \$38.37        | \$46.75        | \$6,650.80      | \$8,103.33      | \$79,809.60    | \$97,240.00    |
| Operator IV                               | 71       | \$39.33        | \$47.92        | \$6,817.20      | \$8,306.13      | \$81,806.40    | \$99,673.60    |
| Operator V                                | 74       | \$40.83        | \$49.74        | \$7,077.20      | \$8,621.60      | \$84,926.40    | \$103,459.20   |
| Safety & Communications Officer           | 75       | \$41.32        | \$50.33        | \$7,162.13      | \$8,723.87      | \$85,945.60    | \$104,686.40   |
| Lead Maintenance Mechanic                 | 80       | \$43.99        | \$53.59        | \$7,624.93      | \$9,288.93      | \$91,499.20    | \$111,467.20   |
| Lead Operator                             | 80       | \$43.99        | \$53.59        | \$7,624.93      | \$9,288.93      | \$91,499.20    | \$111,467.20   |
| Business Applications Manager             | 90       | \$49.78        | \$60.65        | \$8,628.53      | \$10,512.67     | \$103,542.40   | \$126,152.00   |
| Director of Operations and Maintenance    | Contract | \$72.00        | \$87.77        | \$12,480.00     | \$15,213.12     | \$149,760.00   | \$182,557.44   |
| Director of Administration                | Contract | \$71.97        | \$87.73        | \$12,474.88     | \$15,206.88     | \$149,698.57   | \$182,482.56   |
| Controller                                | Contract | \$61.62        | \$75.12        | \$10,681.26     | \$13,020.45     | \$128,175.09   | \$156,245.44   |
| General Manager                           | Contract | \$93.86        | \$114.41       | \$16,268.45     | \$19,831.24     | \$195,221.39   | \$237,974.88   |

Updated January 29, 2026



**Victor Valley Wastewater Reclamation Authority  
Fiscal Year 2021-2022**

| Position Classification                        | Range    | Hourly Minimum | Hourly Maximum | Monthly Minimum | Monthly Maximum | Annual Minimum | Annual Maximum |
|------------------------------------------------|----------|----------------|----------------|-----------------|-----------------|----------------|----------------|
| Septage Receiving Attendant                    | 12       | \$19.55        | \$23.84        | \$3,389.43      | \$4,132.37      | \$40,673.18    | \$49,588.45    |
| Environmental Compliance Inspector In Training | 15       | \$20.29        | \$24.74        | \$3,516.95      | \$4,287.61      | \$42,203.42    | \$51,451.35    |
| Maintenance Mechanic In Training               | 15       | \$20.29        | \$24.74        | \$3,516.95      | \$4,287.61      | \$42,203.42    | \$51,451.35    |
| Operator In Training                           | 15       | \$20.29        | \$24.74        | \$3,516.95      | \$4,287.61      | \$42,203.42    | \$51,451.35    |
| Accounting Technician                          | 34       | \$25.71        | \$31.33        | \$4,455.79      | \$5,429.74      | \$53,469.49    | \$65,156.92    |
| Utility Worker II                              | 40       | \$27.69        | \$33.75        | \$4,799.54      | \$5,849.26      | \$57,594.46    | \$70,191.16    |
| Asset Management Clerk                         | 48       | \$30.58        | \$37.26        | \$5,300.38      | \$6,459.14      | \$63,604.52    | \$77,509.68    |
| Operator I and Mechanical Tech I               | 51       | \$31.76        | \$38.69        | \$5,505.52      | \$6,706.79      | \$66,066.19    | \$80,481.44    |
| Accountant I                                   | 52       | \$32.16        | \$39.16        | \$5,573.90      | \$6,788.10      | \$66,886.75    | \$81,457.24    |
| Electrical Instrumentation Tech I              | 54       | \$32.95        | \$40.15        | \$5,710.66      | \$6,959.98      | \$68,527.87    | \$83,519.74    |
| Human Resource/Payroll Technician              | 54       | \$32.95        | \$40.15        | \$5,710.66      | \$6,959.98      | \$68,527.87    | \$83,519.74    |
| Information Systems Technician                 | 54       | \$32.95        | \$40.15        | \$5,710.66      | \$6,959.98      | \$68,527.87    | \$83,519.74    |
| Environmental Compliance Inspector             | 56       | \$33.78        | \$41.17        | \$5,854.81      | \$7,135.55      | \$70,257.70    | \$85,626.57    |
| Electrical Instrumentation Tech II             | 59       | \$35.06        | \$42.72        | \$6,076.58      | \$7,405.37      | \$72,918.98    | \$88,864.47    |
| Operator II and Mechanical Tech II             | 59       | \$35.06        | \$42.72        | \$6,076.58      | \$7,405.37      | \$72,918.98    | \$88,864.47    |
| Operator III and Mechanical Tech III           | 62       | \$36.38        | \$44.33        | \$6,305.75      | \$7,684.44      | \$75,668.97    | \$92,213.23    |
| Senior Accountant                              | 64       | \$37.32        | \$45.45        | \$6,468.38      | \$7,878.49      | \$77,620.57    | \$95,541.86    |
| Secretary - GM/Board                           | 64       | \$37.32        | \$45.45        | \$6,468.38      | \$7,878.49      | \$77,620.57    | \$95,541.86    |
| IS Coordinator                                 | 68       | \$36.78        | \$44.80        | \$6,375.20      | \$7,765.33      | \$75,502.40    | \$93,184.00    |
| Maintenance Tech IV                            | 69       | \$39.72        | \$48.38        | \$6,884.21      | \$8,386.72      | \$82,610.46    | \$100,640.62   |
| Electrical Instrumentation Technician III      | 69       | \$39.72        | \$48.38        | \$6,884.21      | \$8,386.72      | \$82,610.46    | \$100,640.62   |
| Operator IV                                    | 71       | \$40.71        | \$49.59        | \$7,056.08      | \$8,595.55      | \$84,672.96    | \$103,146.65   |
| Operator V                                     | 74       | \$42.25        | \$51.48        | \$7,324.06      | \$8,922.67      | \$87,888.66    | \$107,072.03   |
| Safety & Communications Officer                | 75       | \$42.77        | \$52.10        | \$7,412.76      | \$9,029.86      | \$88,953.17    | \$108,358.31   |
| Lead Maintenance Mechanic                      | 80       | \$45.53        | \$55.48        | \$7,891.43      | \$9,615.71      | \$94,697.10    | \$115,388.53   |
| Maintenance Supervisor                         | 83       | \$47.24        | \$57.57        | \$8,188.97      | \$9,977.94      | \$98,267.64    | \$119,735.27   |
| Operations Supervisor                          | 90       | \$51.52        | \$62.78        | \$8,930.06      | \$10,881.67     | \$107,160.94   | \$130,579.98   |
| Business Applications Manager                  | 90       | \$51.52        | \$62.78        | \$8,930.06      | \$10,881.67     | \$107,160.94   | \$130,579.98   |
| Plant Superintendent                           | Contract | \$72.00        | \$87.77        | \$12,480.00     | \$15,213.12     | \$149,760.00   | \$182,557.44   |
| Controller                                     | Contract | \$63.78        | \$77.75        | \$11,055.10     | \$13,476.17     | \$132,661.22   | \$161,714.03   |
| Director of Administration                     | Contract | \$74.49        | \$90.80        | \$12,911.50     | \$15,739.12     | \$154,938.02   | \$188,869.45   |
| General Manager                                | Contract | \$97.14        | \$118.42       | \$16,837.85     | \$20,525.33     | \$202,054.14   | \$246,304.00   |

Updated January 29, 2026  
Construction Manager - Vacant Position



**Victor Valley Wastewater Reclamation Authority  
Fiscal Year 2022-2023**

| Position Classification                        | Range    | Hourly Minimum | Hourly Maximum | Monthly Minimum | Monthly Maximum | Annual Minimum | Annual Maximum |
|------------------------------------------------|----------|----------------|----------------|-----------------|-----------------|----------------|----------------|
| Septage Receiving Attendant                    | 12       | \$20.53        | \$25.04        | \$3,558.53      | \$4,340.27      | \$42,702.40    | \$52,083.20    |
| Environmental Compliance Inspector In Training | 15       | \$21.30        | \$25.98        | \$3,692.00      | \$4,503.20      | \$44,304.00    | \$54,038.40    |
| Maintenance Mechanic In Training               | 15       | \$21.30        | \$25.98        | \$3,692.00      | \$4,503.20      | \$44,304.00    | \$54,038.40    |
| Operator In Training                           | 15       | \$21.30        | \$25.98        | \$3,692.00      | \$4,503.20      | \$44,304.00    | \$54,038.40    |
| Accounting Technician                          | 34       | \$27.00        | \$32.90        | \$4,680.00      | \$5,702.67      | \$56,160.00    | \$68,432.00    |
| Utility Worker II                              | 40       | \$29.07        | \$35.43        | \$5,038.80      | \$6,141.20      | \$60,465.60    | \$73,694.40    |
| Asset Management Clerk                         | 48       | \$32.10        | \$39.12        | \$5,564.00      | \$6,780.80      | \$66,768.00    | \$81,369.60    |
| Operator I and Mechanical Tech I               | 51       | \$33.35        | \$40.62        | \$5,780.67      | \$7,040.80      | \$69,368.00    | \$84,489.60    |
| Accountant I                                   | 52       | \$33.77        | \$41.12        | \$5,853.47      | \$7,127.40      | \$70,241.60    | \$85,529.60    |
| Electrical Instrumentation Tech I              | 54       | \$34.60        | \$42.16        | \$5,997.33      | \$7,307.73      | \$71,968.00    | \$87,692.80    |
| Human Resource/Payroll Technician              | 54       | \$34.60        | \$42.16        | \$5,997.33      | \$7,307.73      | \$71,968.00    | \$87,692.80    |
| Information Systems Technician                 | 54       | \$34.60        | \$42.16        | \$5,997.33      | \$7,307.73      | \$71,968.00    | \$87,692.80    |
| Environmental Compliance Inspector             | 56       | \$35.46        | \$43.22        | \$6,146.40      | \$7,491.47      | \$73,756.80    | \$89,897.60    |
| Electrical Instrumentation Tech II             | 59       | \$36.81        | \$44.86        | \$6,380.40      | \$7,775.73      | \$76,564.80    | \$93,308.80    |
| Operator II and Mechanical Tech II             | 59       | \$36.81        | \$44.86        | \$6,380.40      | \$7,775.73      | \$76,564.80    | \$93,308.80    |
| Operator III and Mechanical Tech III           | 62       | \$38.20        | \$46.55        | \$6,621.33      | \$8,068.67      | \$79,456.00    | \$96,824.00    |
| Senior Accountant                              | 64       | \$39.19        | \$47.73        | \$6,792.93      | \$8,273.20      | \$81,515.20    | \$99,278.40    |
| Secretary - GM/Board                           | 64       | \$39.19        | \$47.73        | \$6,792.93      | \$8,273.20      | \$81,515.20    | \$99,278.40    |
| IS Coordinator                                 | 68       | \$41.18        | \$50.16        | \$7,137.87      | \$8,694.40      | \$85,654.40    | \$104,332.80   |
| Maintenance Tech IV                            | 69       | \$41.70        | \$50.81        | \$7,228.00      | \$8,807.07      | \$86,736.00    | \$105,684.80   |
| Electrical Instrumentation Technician III      | 69       | \$41.70        | \$50.81        | \$7,228.00      | \$8,807.07      | \$86,736.00    | \$105,684.80   |
| Operator IV                                    | 71       | \$42.75        | \$52.08        | \$7,410.00      | \$9,027.20      | \$88,920.00    | \$108,326.40   |
| Operator V                                     | 74       | \$44.37        | \$54.05        | \$7,690.80      | \$9,368.67      | \$92,289.60    | \$112,424.00   |
| Safety & Communications Officer                | 75       | \$44.91        | \$54.69        | \$7,784.40      | \$9,479.60      | \$93,412.80    | \$113,755.20   |
| Lead Maintenance Mechanic                      | 80       | \$47.81        | \$58.24        | \$8,287.07      | \$10,094.93     | \$99,444.80    | \$121,139.20   |
| Maintenance Supervisor                         | 83       | \$49.61        | \$60.45        | \$8,599.07      | \$10,478.00     | \$103,188.80   | \$125,736.00   |
| Operations Supervisor                          | 90       | \$54.10        | \$65.91        | \$9,377.33      | \$11,424.40     | \$112,528.00   | \$137,092.80   |
| Business Applications Manager                  | 90       | \$54.10        | \$65.91        | \$9,377.33      | \$11,424.40     | \$112,528.00   | \$137,092.80   |
| Director of Operations and Maintenance         | Contract | \$89.68        | \$109.33       | \$15,545.37     | \$18,949.80     | \$186,544.43   | \$227,397.65   |
| Controller                                     | Contract | \$66.97        | \$81.63        | \$11,607.86     | \$14,149.98     | \$139,294.28   | \$169,799.73   |
| Director of Administration                     | Contract | \$78.21        | \$95.34        | \$13,557.08     | \$16,526.08     | \$162,684.92   | \$198,312.92   |
| General Manager                                | Contract | \$102.00       | \$124.34       | \$17,679.74     | \$21,551.60     | \$212,156.85   | \$258,619.20   |

Updated January 29, 2026





**Victor Valley Wastewater Reclamation Authority  
Fiscal Year 2023-2024**

| Position Classification                        | Range    | Hourly Minimum | Hourly Maximum | Monthly Minimum | Monthly Maximum | Annual Minimum | Annual Maximum |
|------------------------------------------------|----------|----------------|----------------|-----------------|-----------------|----------------|----------------|
| Septage Receiving Attendant                    | 12       | \$21.47        | \$26.19        | \$3,721.47      | \$4,539.60      | \$44,657.60    | \$54,475.20    |
| Environmental Compliance Inspector In Training | 15       | \$22.28        | \$27.18        | \$3,861.87      | \$4,711.20      | \$46,342.40    | \$56,534.40    |
| Maintenance Mechanic In Training               | 15       | \$22.28        | \$27.18        | \$3,861.87      | \$4,711.20      | \$46,342.40    | \$56,534.40    |
| Operator In Training                           | 15       | \$22.28        | \$27.18        | \$3,861.87      | \$4,711.20      | \$46,342.40    | \$56,534.40    |
| Accounting Technician                          | 34       | \$28.24        | \$34.41        | \$4,894.93      | \$5,964.40      | \$58,739.20    | \$71,572.80    |
| Utility Worker II                              | 40       | \$30.41        | \$37.06        | \$5,271.07      | \$6,423.73      | \$63,252.80    | \$77,084.80    |
| Asset Management Clerk                         | 48       | \$33.58        | \$40.92        | \$5,820.53      | \$7,092.80      | \$69,846.40    | \$85,113.60    |
| Operator I and Mechanical Tech I               | 51       | \$34.88        | \$42.49        | \$6,045.87      | \$7,364.93      | \$72,550.40    | \$88,379.20    |
| Accountant I                                   | 52       | \$35.32        | \$43.01        | \$6,122.13      | \$7,455.07      | \$73,465.60    | \$89,460.80    |
| Electrical Instrumentation Tech I              | 54       | \$36.19        | \$44.10        | \$6,275.20      | \$7,644.00      | \$75,275.00    | \$91,728.00    |
| Human Resource/Payroll Technician              | 54       | \$36.19        | \$44.10        | \$6,275.20      | \$7,644.00      | \$75,275.00    | \$91,728.00    |
| Information Systems Technician                 | 54       | \$36.19        | \$44.10        | \$6,275.20      | \$7,644.00      | \$75,275.00    | \$91,728.00    |
| Environmental Compliance Inspector             | 56       | \$37.09        | \$45.21        | \$6,428.93      | \$7,836.40      | \$77,147.20    | \$94,036.80    |
| Electrical Instrumentation Tech II             | 59       | \$38.50        | \$46.92        | \$6,673.33      | \$8,132.80      | \$80,080.00    | \$97,593.60    |
| Operator II and Mechanical Tech II             | 59       | \$38.50        | \$46.92        | \$6,673.33      | \$8,132.80      | \$80,080.00    | \$97,593.60    |
| Operator III and Mechanical Tech III           | 62       | \$39.96        | \$48.69        | \$6,926.40      | \$8,439.60      | \$83,116.80    | \$101,275.20   |
| Senior Accountant                              | 64       | \$40.99        | \$49.93        | \$7,104.93      | \$8,654.53      | \$85,259.20    | \$103,854.40   |
| Secretary - GM/Board                           | 64       | \$40.99        | \$49.93        | \$7,104.93      | \$8,654.53      | \$85,259.20    | \$103,854.40   |
| IS Coordinator                                 | 68       | \$43.07        | \$52.47        | \$7,465.47      | \$9,094.80      | \$89,585.60    | \$109,137.60   |
| Maintenance Tech IV                            | 69       | \$43.62        | \$53.15        | \$7,560.80      | \$9,212.67      | \$90,729.60    | \$110,552.00   |
| Electrical Instrumentation Technician III      | 69       | \$43.62        | \$53.15        | \$7,560.80      | \$9,212.67      | \$90,729.60    | \$110,552.00   |
| Operator IV                                    | 71       | \$44.72        | \$54.48        | \$7,751.47      | \$9,443.20      | \$93,017.60    | \$113,318.40   |
| Operator V                                     | 74       | \$46.41        | \$56.54        | \$8,044.40      | \$9,800.27      | \$96,532.80    | \$117,603.20   |
| Safety & Communications Officer                | 75       | \$46.98        | \$57.21        | \$8,143.20      | \$9,916.40      | \$97,718.40    | \$118,996.80   |
| Lead Maintenance Mechanic                      | 80       | \$50.01        | \$60.92        | \$8,668.40      | \$10,559.47     | \$104,020.80   | \$126,713.60   |
| Maintenance Supervisor                         | 83       | \$51.89        | \$63.23        | \$8,994.27      | \$10,959.87     | \$107,931.20   | \$131,518.40   |
| Operations Supervisor                          | 90       | \$56.59        | \$68.94        | \$9,808.93      | \$11,949.60     | \$117,707.20   | \$143,395.20   |
| Business Applications Manager                  | 90       | \$56.59        | \$68.94        | \$9,808.93      | \$11,949.60     | \$117,707.20   | \$143,395.20   |
| Director of Operations and Maintenance         | Contract | \$93.81        | \$114.35       | \$16,260.46     | \$19,821.50     | \$195,125.47   | \$237,857.95   |
| Director of Administration                     | Contract | \$81.81        | \$99.73        | \$14,180.70     | \$17,286.28     | \$170,168.43   | \$207,435.32   |
| General Manager                                | Contract | \$106.69       | \$130.06       | \$18,493.01     | \$22,542.97     | \$221,916.07   | \$270,515.68   |

Updated January 29, 2026





**Victor Valley Wastewater Reclamation Authority  
Fiscal Year 2024-2025**

| Position Classification                        | Range    | Hourly Minimum | Hourly Maximum | Monthly Minimum | Monthly Maximum | Annual Minimum | Annual Maximum |
|------------------------------------------------|----------|----------------|----------------|-----------------|-----------------|----------------|----------------|
| Utility Worker                                 | 12       | \$22.54        | \$27.50        | \$3,907.54      | \$4,766.58      | \$46,890.48    | \$57,198.96    |
| Environmental Instrumentation Tech In Training | 15       | \$23.39        | \$28.54        | \$4,054.96      | \$4,946.76      | \$48,659.52    | \$59,361.12    |
| Information Systems Technician In Training     | 15       | \$23.39        | \$28.54        | \$4,054.96      | \$4,946.76      | \$48,659.52    | \$59,361.12    |
| Maintenance Mechanic In Training               | 15       | \$23.39        | \$28.54        | \$4,054.96      | \$4,946.76      | \$48,659.52    | \$59,361.12    |
| Operator In Training                           | 15       | \$23.39        | \$28.54        | \$4,054.96      | \$4,946.76      | \$48,659.52    | \$59,361.12    |
| Accounting Technician                          | 34       | \$29.65        | \$36.13        | \$5,139.68      | \$6,262.62      | \$61,676.16    | \$75,151.44    |
| Asset Management Clerk                         | 48       | \$35.26        | \$42.97        | \$6,111.56      | \$7,447.44      | \$73,338.72    | \$89,369.28    |
| Operator I and Mechanical Tech I               | 51       | \$36.62        | \$44.61        | \$6,348.16      | \$7,733.18      | \$76,177.92    | \$92,798.16    |
| Sanitary Sewer System Operator                 | 51       | \$36.62        | \$44.61        | \$6,348.16      | \$7,733.18      | \$76,177.92    | \$92,798.16    |
| Accountant I                                   | 52       | \$37.09        | \$45.16        | \$6,428.24      | \$7,827.82      | \$77,138.88    | \$93,933.84    |
| Electrical Instrumentation Tech I              | 54       | \$38.00        | \$46.31        | \$6,586.58      | \$8,026.20      | \$79,038.96    | \$96,314.40    |
| Human Resource Technician                      | 54       | \$38.00        | \$46.31        | \$6,586.58      | \$8,026.20      | \$79,038.96    | \$96,314.40    |
| Information Systems Technician                 | 54       | \$38.00        | \$46.31        | \$6,586.58      | \$8,026.20      | \$79,038.96    | \$96,314.40    |
| Environmental Compliance Inspector             | 56       | \$38.94        | \$47.47        | \$6,750.38      | \$8,228.22      | \$81,004.56    | \$98,738.64    |
| Electrical Instrumentation Tech II             | 59       | \$40.43        | \$49.27        | \$7,007.00      | \$8,539.44      | \$84,048.00    | \$102,473.28   |
| Operator II and Mechanical Tech II             | 59       | \$40.43        | \$49.27        | \$7,007.00      | \$8,539.44      | \$84,048.00    | \$102,473.28   |
| Operator III and Mechanical Tech III           | 62       | \$41.96        | \$51.12        | \$7,272.72      | \$8,861.58      | \$87,272.64    | \$106,338.96   |
| Senior Accountant                              | 64       | \$43.04        | \$52.43        | \$7,460.18      | \$9,087.26      | \$89,522.16    | \$109,047.12   |
| Executive Assistant - GM/Board                 | 64       | \$43.04        | \$52.43        | \$7,460.18      | \$9,087.26      | \$89,522.16    | \$109,047.12   |
| Maintenance Tech IV                            | 69       | \$45.80        | \$55.81        | \$7,938.84      | \$9,673.30      | \$95,266.08    | \$116,079.60   |
| Electrical Instrumentation Technician III      | 69       | \$45.80        | \$55.81        | \$7,938.84      | \$9,673.30      | \$95,266.08    | \$116,079.60   |
| Operator IV                                    | 71       | \$46.96        | \$57.20        | \$8,139.04      | \$9,915.36      | \$90,729.60    | \$110,552.00   |
| Operator V                                     | 74       | \$48.73        | \$59.37        | \$8,446.62      | \$10,290.28     | \$101,359.44   | \$123,483.36   |
| Safety & Communications Officer                | 75       | \$49.33        | \$60.07        | \$8,550.36      | \$10,412.22     | \$102,604.32   | \$124,946.64   |
| Lead Accountant                                | 80       | \$52.51        | \$63.97        | \$9,101.82      | \$11,087.44     | \$109,221.84   | \$133,049.28   |
| Lead Operator                                  | 80       | \$52.51        | \$63.97        | \$9,101.82      | \$11,087.44     | \$109,221.84   | \$133,049.28   |
| Lead Maintenance Mechanic                      | 80       | \$52.51        | \$63.97        | \$9,101.82      | \$11,087.44     | \$109,221.84   | \$133,049.28   |
| Technology Lead                                | 80       | \$52.51        | \$63.97        | \$9,101.82      | \$11,087.44     | \$109,221.84   | \$133,049.28   |
| Accounting Supervisor                          | 90       | \$59.42        | \$72.39        | \$10,299.38     | \$12,547.08     | \$123,592.56   | \$150,564.96   |
| Maintenance Supervisor                         | 90       | \$59.42        | \$72.39        | \$10,299.38     | \$12,547.08     | \$123,592.56   | \$150,564.96   |
| Operations Supervisor                          | 90       | \$59.42        | \$72.39        | \$10,299.38     | \$12,547.08     | \$123,592.56   | \$150,564.96   |
| EC Manager                                     | 98       | \$65.64        | \$80.01        | \$11,376.82     | \$13,868.40     | \$136,521.84   | \$166,420.80   |
| Director of Operations and Maintenance         | Contract | \$97.84        | \$119.27       | \$16,959.65     | \$20,673.82     | \$203,515.86   | \$248,085.84   |
| Director of Administration                     | Contract | \$85.33        | \$104.02       | \$14,790.47     | \$18,029.59     | \$177,485.67   | \$216,355.04   |
| General Manager                                | Contract | \$111.28       | \$135.65       | \$19,288.20     | \$23,512.32     | \$231,458.46   | \$282,147.86   |

Updated January 29, 2026



**Victor Valley Wastewater Reclamation Authority  
Fiscal Year 2025-2026 Effective July 1, 2025**

| Position Classification                         | Range    | Hourly Minimum | Hourly Maximum | Monthly Minimum | Monthly Maximum | Annual Minimum | Annual Maximum |
|-------------------------------------------------|----------|----------------|----------------|-----------------|-----------------|----------------|----------------|
| Utility Worker                                  | 12       | \$23.33        | \$28.46        | \$4,044.30      | \$4,933.41      | \$48,531.65    | \$59,200.92    |
| Environmental Instrumentation Tech In Training  | 15       | \$24.21        | \$29.54        | \$4,196.88      | \$5,119.90      | \$50,362.60    | \$61,438.76    |
| Information Systems Technician In Training      | 15       | \$24.21        | \$29.54        | \$4,196.88      | \$5,119.90      | \$50,362.60    | \$61,438.76    |
| Maintenance Mechanic In Training                | 15       | \$24.21        | \$29.54        | \$4,196.88      | \$5,119.90      | \$50,362.60    | \$61,438.76    |
| Operator In Training                            | 15       | \$24.21        | \$29.54        | \$4,196.88      | \$5,119.90      | \$50,362.60    | \$61,438.76    |
| Accounting Technician                           | 34       | \$30.69        | \$37.40        | \$5,319.57      | \$6,481.81      | \$63,834.82    | \$77,781.74    |
| Asset Management Clerk                          | 48       | \$36.49        | \$44.47        | \$6,325.46      | \$7,708.10      | \$75,905.58    | \$92,497.20    |
| Operator and Mechanic Tech                      | 51       | \$37.91        | \$46.18        | \$6,570.35      | \$8,003.84      | \$78,844.15    | \$96,046.10    |
| Sanitary Sewer System Operator                  | 51       | \$37.91        | \$46.18        | \$6,570.35      | \$8,003.84      | \$78,844.15    | \$96,046.10    |
| Accountant I                                    | 52       | \$38.38        | \$46.74        | \$6,653.23      | \$8,101.79      | \$79,838.74    | \$97,221.52    |
| Electrical Instrumentation Tech I               | 54       | \$39.33        | \$47.93        | \$6,817.11      | \$8,307.12      | \$81,805.32    | \$99,685.40    |
| Human Resource Technician                       | 54       | \$39.33        | \$47.93        | \$6,817.11      | \$8,307.12      | \$81,805.32    | \$99,685.40    |
| Information Systems Technician                  | 54       | \$39.33        | \$47.93        | \$6,817.11      | \$8,307.12      | \$81,805.32    | \$99,685.40    |
| Environmental Compliance Inspector              | 56       | \$40.31        | \$49.13        | \$6,986.64      | \$8,516.21      | \$83,839.72    | \$102,194.49   |
| Electrical Instrumentation Tech II              | 59       | \$41.84        | \$50.99        | \$7,252.25      | \$8,838.32      | \$87,026.94    | \$106,059.84   |
| Senior Operator and Senior Maintenance Mechanic | 62       | \$43.43        | \$52.91        | \$7,527.27      | \$9,171.74      | \$90,327.18    | \$110,060.82   |
| Senior Accountant                               | 64       | \$44.55        | \$54.26        | \$7,721.29      | \$9,405.31      | \$92,655.44    | \$112,863.77   |
| Executive Assistant - GM/Board                  | 64       | \$44.55        | \$54.26        | \$7,721.29      | \$9,405.31      | \$92,655.44    | \$112,863.77   |
| Senior Maintenance Mechanic                     | 69       | \$47.40        | \$57.76        | \$8,216.70      | \$10,011.87     | \$98,600.39    | \$120,142.39   |
| Electrical Instrumentation Technician III       | 69       | \$47.40        | \$57.76        | \$8,216.70      | \$10,011.87     | \$98,600.39    | \$120,142.39   |
| Safety & Communications Officer                 | 75       | \$51.06        | \$62.17        | \$8,849.62      | \$10,776.65     | \$106,195.47   | \$129,319.77   |
| Lead Accountant                                 | 80       | \$54.35        | \$66.20        | \$9,420.38      | \$11,475.50     | \$113,044.60   | \$137,706.00   |
| Lead Operator                                   | 80       | \$54.35        | \$66.20        | \$9,420.38      | \$11,475.50     | \$113,044.60   | \$137,706.00   |
| Lead Maintenance Mechanic                       | 80       | \$54.35        | \$66.20        | \$9,420.38      | \$11,475.50     | \$113,044.60   | \$137,706.00   |
| Technology Lead                                 | 80       | \$54.35        | \$66.20        | \$9,420.38      | \$11,475.50     | \$113,044.60   | \$137,706.00   |
| Accounting Supervisor                           | 90       | \$61.50        | \$74.92        | \$10,659.86     | \$12,986.23     | \$127,918.30   | \$155,834.73   |
| Maintenance Supervisor                          | 90       | \$61.50        | \$74.92        | \$10,659.86     | \$12,986.23     | \$127,918.30   | \$155,834.73   |
| Operations Supervisor                           | 90       | \$61.50        | \$74.92        | \$10,659.86     | \$12,986.23     | \$127,918.30   | \$155,834.73   |
| EC Manager                                      | 98       | \$67.93        | \$82.81        | \$11,775.01     | \$14,353.79     | \$141,300.10   | \$172,245.53   |
| Director of Operations and Maintenance          | Contract | \$100.68       | \$122.73       | \$17,451.49     | \$21,273.36     | \$209,417.82   | \$255,280.33   |
| Director of Administration                      | Contract | \$87.80        | \$107.03       | \$15,219.40     | \$18,552.44     | \$182,632.75   | \$222,629.33   |
| General Manager                                 | Contract | \$114.51       | \$139.58       | \$19,847.56     | \$24,194.18     | \$238,170.75   | \$290,330.15   |

Updated January 29, 2026



# VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

## Board Of Commissioners Staff Report

**TO:** VVWRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Kody Tompkins, Director of Operations & Maintenance

**DATE:** 01/29/2026

**SUBJECT:** **Recommendation to Authorize the General Manager to Execute a Contract with West Yost Associates to Provide Consulting Services for the Strategic Vision Project in an Amount Not to exceed \$300,000, Subject to Legal Review and Approval of the Agreement.**

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**Fiscal Impact** Yes

**Account Code:** 09-02-000-9000-9999 R176

**Funds Budgeted/ Approved:** Yes

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### STAFF RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to execute a contract with West Yost Associates for consulting services for the Strategic Vision Project in an amount not to exceed \$300,000, pending legal review and approval of the agreement.

### PREVIOUS ACTION(S)

None

### BACKGROUND INFORMATION

The VVWRA has undertaken a Strategic Vision Project to develop a long-range strategic framework that aligns regional wastewater treatment and recycled water production and distribution needs across the Authority and its Member Agencies. This project was conceived and agreed upon as part of the development of the new JPA agreement, and funding was provided by San Bernardino County. The project addresses three critical objectives:

- Strengthen collaboration and coordination among Member Agencies through transparent, data-driven planning
- Optimize regional infrastructure investments and reduce capital redundancy
- Plan proactively for future growth and water supply resilience over 5, 10, and 20-year planning horizons

This collaborative initiative positions VVWRA and its Member Agencies to make coordinated, evidence-based infrastructure decisions that maximize system efficiency, enhance environmental stewardship, and strengthen regional eligibility for state and federal funding programs prioritizing integrated resource management.

Two responsive and qualified proposals were received following publication of a Request for

Proposals on PlanetBids on October 7, 2025, with proposals submitted on December 18, 2025. After a thorough evaluation of both submittals, West Yost Associates' proposal (Exhibit 1) was determined to be the most comprehensive and responsive to VVWRA's Strategic Vision Project scope and objectives.

## **SCOPE OF WORK**

West Yost Associates will deliver comprehensive consulting services structured around five primary tasks over a six-month project timeline:

### **Member Agency Education and Guiding Vision Development**

West Yost will develop and present materials demonstrating the environmental, financial, and operational benefits of a regionalized approach to wastewater treatment and recycled water management. This phase includes case studies of successful regional programs (including Inland Empire Utilities Agency, Orange County Water District's Groundwater Replenishment System, and San Diego's Pure Water Program), facilitated workshops with Member Agency staff and elected officials, and development of a formal Regional Strategy Vision Statement approved by Member Agency leadership.

### **Collaborative Meetings with Member Agency Engineering Teams**

West Yost will facilitate one-on-one and joint working meetings with Member Agency engineers and planners to align long-term sewer and recycled water master planning. The consultant will review existing master plans, gather feedback on capacity needs and strategic priorities, and identify opportunities to integrate VVWRA assets with local systems.

### **Infrastructure Alignment and Optimization Analysis**

The consultant will conduct a comprehensive infrastructure gap and overlap analysis to identify synergies among agencies, avoid unnecessary redundancy, and maximize return on VVWRA-managed assets. This analysis will include evaluation of joint facilities, shared pipeline infrastructure, treatment plant capacity optimization, and regional recycled water delivery networks. West Yost will prepare a Regional Infrastructure Alignment Matrix documenting common goals, potential partnerships, and shared asset opportunities, along with recommended cost-sharing frameworks and an inter-agency memorandum of understanding.

### **Future Growth Projections and Phased Strategic Asset Build-Out**

Using demographic and land-use data, West Yost will forecast wastewater and recycled water demand in 5- and 10-year increments and model projected influent/effluent flows by Member Agency. The consultant will recommend phased infrastructure investments for 5, 10, and 20-year horizons, including siting, technology, and capacity upgrade recommendations to ensure regulatory compliance and long-term sustainability.

### **Interactive GIS Story Map Development**

A cornerstone deliverable is the creation of an interactive GIS Story Map that transforms the Strategic Vision Plan from a static document into a dynamic, collaborative planning environment. The Story Map will visualize infrastructure evolution across planning horizons, display existing and planned wastewater and recycled water assets, illustrate regional interconnections, and enable stakeholders to interactively explore alternative project phasing.

## **Project Deliverables**

- Regional Strategy Vision Statement
- Written summary reports from Member Agency meetings
- Regional Infrastructure Alignment Matrix
- Strategic Growth and Build-Out Plan with GIS maps
- Draft inter-agency agreement framework
- Interactive GIS Story Map for visualization and ongoing collaboration

- Strategic Vision Report

## **ANTICIPATED PROJECT BENEFITS**

Completion of the Strategic Vision Project with West Yost will position VVWRA and its Member Agencies to achieve:

- Improved Regional Alignment: Unified framework aligning Member Agency infrastructure goals with VVWRA's long-term strategy and assurance of parity for member agency services and benefits
- Enhanced Infrastructure Efficiency: Infrastructure gap and overlap analysis, identifying redundancies and optimizing regional asset utilization
- Optimized Capital Investment: Phased build-out plan aligning infrastructure investments with 5, 10, and 20-year growth projections
- Strengthened Partnerships: Consensus-built strategic vision with shared ownership supporting long-term collaboration and implementation
- Sustainable Water Management: Roadmap emphasizing recycled water production, groundwater recharge, and climate-resilient water supply strategies
- Enhanced Funding Eligibility: Integrated regional framework strengthening competitive position for state and federal funding programs
- Living Planning Tool: Interactive GIS Story Map supporting adaptive management and stakeholder transparency beyond project completion

West Yost Associates brings extensive experience, qualified leadership, and demonstrated financial stability to successfully deliver the Strategic Vision Project. Their proposed scope, budget, and schedule align precisely with VVWRA's objectives and requirements. Authorization of this contract will enable VVWRA to advance regional collaboration, optimize infrastructure planning, and position the Victor Valley as a model for cooperative One Water management.

It is recommended that the Board of Commissioners authorize the General Manager to execute a contract with West Yost Associates for consulting services related to the Strategic Vision Project in an amount not to exceed \$300,000, pending legal review and approval of the agreement.

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## **Attachments**

West Yost Proposal

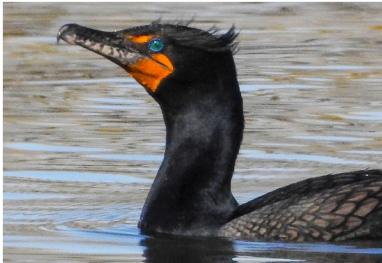




VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
STRATEGIC VISION PROJECT

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DECEMBER 18, 2025



### Mojave Narrows Regional Park

*A lush oasis along the Mojave River featuring lakes, wetlands, trails, and abundant wildlife would significantly benefit from recycled generated by a regional wastewater program.*

Source: Sharon Lee via Flickr used under CC BY 2.0.

## 1. Executive Summary

The Victor Valley Wastewater Reclamation Authority (VWVRA) and its Member Agencies (MAs) are at a defining moment for shaping the Victor Valley region with this opportunity to develop a broader strategic regional approach to wastewater and recycled water management. Together, they have a unique opportunity to advance a regional vision that enhances the vitality and resilience of the communities they serve. As growth continues across the Victor Valley, the region faces mounting pressures due to limited water supplies, increasingly complex regulatory demands, and the need for efficient, sustainable infrastructure investment. By embracing a collaborative approach, VWVRA and its MAs will ultimately support responsible growth, strengthen long-term water security, and leave a legacy of visionary leadership and innovation that benefits generations to come.

The West Yost team's approach will deliver a Strategic Vision that is technically achievable, supported by consensus around common goals, and allows VWVRA and its MAs to make coordinated, data-driven decisions that maximize system efficiency and community benefit, as well as strengthen regional eligibility for state and federal funding programs that prioritize integrated resource management. Key elements of our team's approach are as follows:

- Structured stakeholder engagement that unites MAs through transparency and collaboration
- Creative, data-driven strategies that optimize regional system performance and Member Agency value
- Vision built around long-term water supply sustainability and resilience
- Interactive tools that support regional collaboration beyond the project timeline

### BUILDING ONE VISION: **Uniting MAs Through Transparency and Collaboration**

Success for this project depends equally on the strength of partnership and thoughtful planning. Effective regional planning relies on trust, collaboration, transparency, and consensus around common goals. Our team brings decades of experience helping regional utilities align shared goals, and we are committed to facilitating a process that empowers VWVRA and its MAs to build a resilient, unified, and adaptive future. We excel in helping agencies move from individual interests toward a unified vision with collective outcomes, developing a shared sense of ownership and accountability that continues through implementation.

This project will kick off with the preparation and presentation of materials that demonstrate the tangible environmental, financial, and operational benefits of regional collaboration. Led by Nate Cullen, the presentation will highlight lessons learned from leading regional programs including the Inland Empire Utilities Agency, Stanislaus Regional Water Supply Agency, Clean Water Services, the Orange County Water District's Groundwater Replenishment System, and San Diego's Pure Water Program.

**Nate Cullen's leadership at Clean Water Services, where he advanced regional wastewater treatment, nutrient recovery, and recycled water reuse programs, directly aligns with VWVRA's goal to develop a unified, One Water-based strategic vision for sustainable regional infrastructure.**

Our facilitation framework extends beyond planning discussions; it is intentionally designed to lay the foundation for implementation. Through this process, the Strategic Vision evolves from a conceptual roadmap into a consensus-built plan that MAs can confidently adopt, fund, and implement. The outcomes will include defining guiding principles and adoption of a *Regional Strategy Vision Statement*, consensus around the Strategic Vision technical approach, commitment to activities that support implementation, and establishment of institutional trust and accountability that will sustain collaboration over decades.



## MAXIMIZING VALUE: Creative, Data-Driven Strategies to Streamline Systems and Strengthen Regional Efficiency

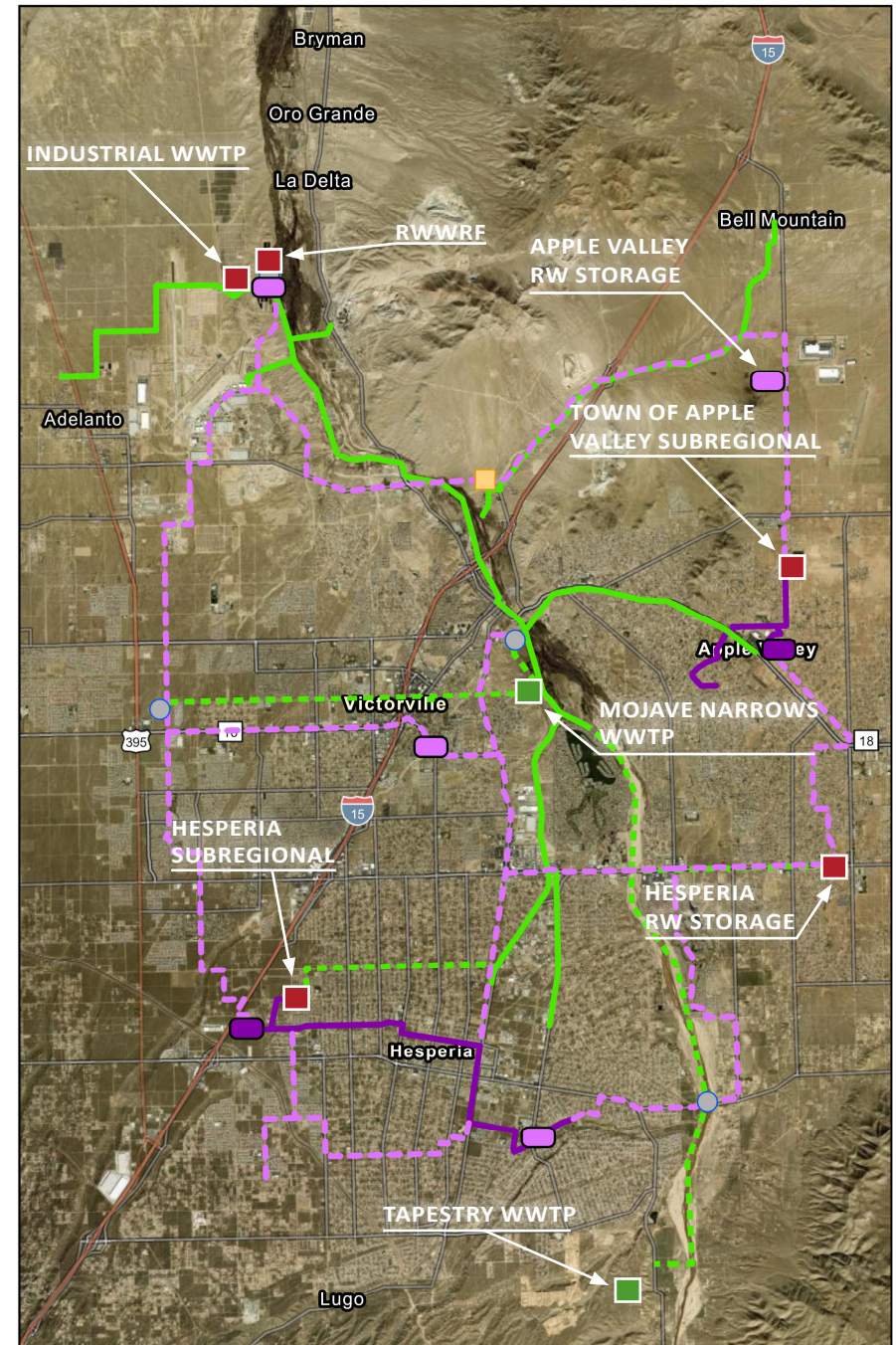
Independent planning by each MA has led to strong local initiatives but also may lead to potential concerns about redundant infrastructure and fragmented investment strategies. The Strategic Vision Project offers an opportunity to unify these efforts into a single, forward-looking framework that aligns infrastructure development, capacity planning, and resource management across all agencies to optimize value through shared regional assets.

The West Yost team will apply creativity and technical rigor to identify efficiencies that will improve both system performance and financial outcomes for the MAs. We will apply engineering analysis of existing and planned systems, demographic forecasts, and GIS analytics to conduct an infrastructure gap and overlap analysis to identify synergies that reduce unnecessary redundancy and maximize regional return on investment. The result will be a **phased build-out plan** aligned with the MA's 5-, 10-, and 20-year population and wastewater projections. We will also develop a conceptual vision beyond the 20-year horizon that considers long-term demographic planning information.

The analysis will be completed through a lens that recognizes that all water resources are interconnected. We will identify appropriate strategies for each of the future scenarios that can enhance the region's water supplies through connecting wastewater treatment facilities to recharge facilities, recycled water distribution systems, and end users across jurisdictional boundaries, delivering water where it provides the most regional benefit. By aligning these efforts under a regional strategy, the VVWRA and its partners can **leverage shared infrastructure to distribute recycled water where it is needed most**: supporting local groundwater recharge, irrigation of public spaces, and supply reliability for industry and agriculture. A map showing an initial concept for the regional approach is provided in Figure 1.

**Figure 1. Regional Infrastructure Vision**

*This map illustrates what the 20-year regional build-out could look like—depicting shared conveyance corridors, recycled water networks, recharge facilities, and growth areas that evolve together under a single coordinated plan.*





## PLANNING FOR THE FUTURE: A Strategic Vision That Creates Regional Sustainability and Long-Term Water Supply Resilience

The Strategic Vision will deliver more than infrastructure recommendations—it will provide a framework for enduring regional cooperation. Aligning local and regional priorities will position future investments to deliver maximum public value while enhancing environmental stewardship and economic resilience.

A cornerstone of the future Strategic Vision will be the creation of a coordinated regional recycled water system. In the High Desert environment, where imported water supplies are limited and groundwater basins are under increasing pressure, recycled water represents one of the most sustainable and climate-resilient water sources available. A reliable regional recycled water supply can create local environmental and community benefits, will support recreation and habitat restoration, and underpins sustainable long-term growth in the region. As technologies develop and regional growth continues, potable reuse could become a part of the long-term water supply strategy for the region.

A key feature of the recycled water system will be a groundwater recharge program that incorporates recycled water, available surface waters, and stormwater. A recharge program will provide a powerful tool for enhancing long-term aquifer stability and supporting a reliable and resilient water supply for the region. Visualization of this project element will be informed by [Carolina Sanchez](#), who has been supporting VVWRA in exploring regional recharge opportunities.

**Carolina collaborated with VVWRA in 2023 to develop a phased roadmap for the agency's One Water Program, leading the initial phase scope and feasibility studies focused on stormwater, recycled water, and groundwater recharge in the Mojave Basin. Additionally, as project manager for the Chino Basin Watermaster, Carolina led three Recharge Master Plan Updates, integrating hydraulic modeling, assessing water supply options, and supporting stakeholder collaboration to advance basin-wide recharge and sustainability.**



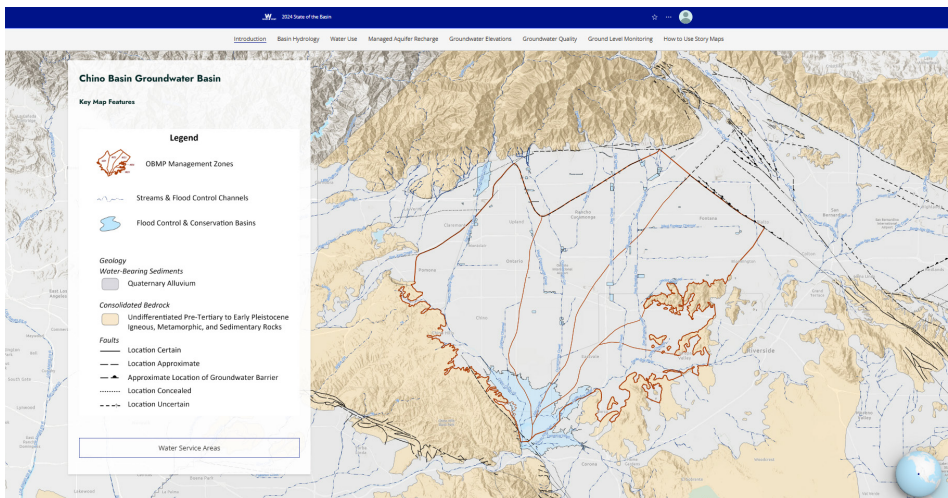
**Figure 2. Conceptual Graphics**

*These conceptual graphics provide a vision of how co-locating a future wastewater treatment facility with groundwater recharge system at the Mojave Narrows Regional Park could serve as a focal point for the region – proving a visible demonstration of sustainable water management in action. Under this vision, recycled water would provide water supplies to support existing park features and could support development of new recreational resources. Other co-located public amenities like a community education and event center could further enhance the site and bring regional value.*

## LASTING IMPACT: Transforming the Vision Plan into a Dynamic, Interactive Tool to Support Regional Collaboration Beyond the Project Timeline

The Strategic Vision will come alive through the creation of a GIS StoryMap®. This interactive, online platform blends spatial data, narrative content, images, and charts into a unified visualization. StoryMaps®, developed by Esri, allow for complex technical data to be presented in an accessible, story-driven format supporting both professional analysis and public engagement (Figure 3). This innovative platform will transform the Vision Plan from a static document into an interactive planning environment that documents collaborative decisions, supports informed decision-making and public transparency, and allows for long-term adaptive management. Key features include:

- Illustrating infrastructure evolution for the individual MA and the VVRWA regional system over the 5-, 10-, and 20-year (and 20 plus) horizons by displaying existing and planned wastewater and recycled-water assets, growth areas, and service interconnections and demonstrating the benefits of integration of wastewater and recycled water across agency boundaries.



**Figure 3. Chino Basin Watermaster State of the Basin StoryMap®**

*The 2024 State of the Basin was developed as an interactive online GIS StoryMap® dashboard.*

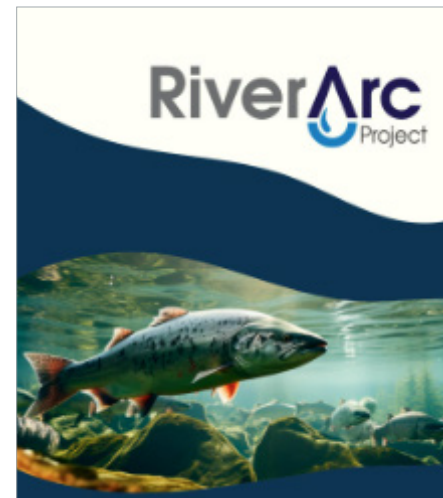
**View it here:** <https://storymaps.arcgis.com/stories/7bdd20e4ec6b43aab2858bb1236c6079>

- Providing an effective and engaging facilitation and decision-support tool by allowing stakeholders to explore system growth, regional interconnections, and proposed projects in real time and interactively review alternative project phasing scenarios.
- Supporting accessible, visual narratives that serve as a communication medium for all stakeholders and the public and provide clear visualization of how population growth translates into infrastructure needs at each planning horizon and beyond.

StoryMaps can also serve as a valuable tool for keeping the plan adaptive, relevant, transparent, and actionable long after the project's completion. After the project ends, the StoryMap® can serve as a live planning workspace, enabling VVWRA and MAs to share comments, update maps, refine planning approaches, and track progress in real time. With this feature enabled, this living digital record can evolve to reflect the latest data, regulations, technologies, and agency priorities. The StoryMap® then becomes an even more effective ongoing collaborative tool for exploring ideas together over time.

## Conclusion

This Strategic Vision Project represents more than a planning exercise. It is an opportunity to create a shared, actionable pathway toward regional resilience. Through skilled facilitation, transparent collaboration, and innovative visualization through GIS StoryMaps®, West Yost will help VVWRA and its MAs craft a unified, adaptable vision that supports smart investments into equitable, cost-effective infrastructure strategies reflecting shared regional values around a sustainable, resilient water resource management for generations to come.



**Figure 4. RiverArc Project Brochure**

With a StoryMap® approach to this project, we envision the written report will provide a higher level overview of the project goals, objectives and outcomes – inviting users to visit the StoryMap® to learn more. An example of a similar document we prepared for the Stanislaus Regional Water Authority *can be viewed here:* [RiverArc Project - Issuu](#)

## 2. Table of Contents

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### 3. Identification of Proposer



#### West Yost: Partnering with VVWRA to create a Regional Vision for Wastewater Management

Founded in 1990, West Yost is a water-focused engineering and consulting firm dedicated to advancing sustainable, cost-effective water solutions for communities throughout the West. Our team delivers integrated expertise in wastewater, recycled water, groundwater, and stormwater management, from planning and design through construction and program implementation.

For more than three decades, West Yost has supported agencies in developing regional frameworks that maximize the use of existing assets, enhance recycled water production and reuse, and strengthen long-term water reliability. As a water-focused company, West Yost's approach treats all water resources as interconnected. Through this lens, we align planning decisions that reflect environmental, financial, and operational benefits for our clients. Our portfolio includes regional wastewater and recycled water master plans, One Water roadmaps, and infrastructure optimization studies that bring together multiple jurisdictions to achieve shared goals for sustainability and fiscal efficiency.

West Yost has led multi-agency collaborations across California, bringing together regional boards, water districts, and county agencies to develop shared management frameworks and actionable plans. Our work includes guiding the Coachella Valley Basin Plan SNMP with Regional Board staff to redesign monitoring programs; facilitating the Six Basins Watermaster Parties' Strategic Plan to define regional goals and projects; and coordinating the Northern Sacramento Valley's six-county Regional Water Management Group to produce its first Integrated Regional Water Management Plan through an inclusive, workshop-based process.

West Yost combines deep technical expertise with a commitment to partnership. We view this project as an opportunity to further assist VVWRA and its Member Agencies to create a unified vision that optimizes investments, increases regional water resilience, and positions the Victor Valley region as a model for cooperative One Water management.

**West Yost has been working closely with VVWRA since 2021, supporting the Authority's efforts to strengthen regional collaboration, expand recycled water use, and develop long-term strategies for sustainable wastewater and water resource management in the Mojave Basin.**

**Legal Name:** West Yost & Associates, Inc.

#### Davis – Headquarters

2020 Research Park Drive, Suite 100  
Davis, CA 95618  
Ph: 530-756-5905  
Fax: 530-756-5991

#### Legal Form of Company

California Corporation (No. C1956281), private.

#### Validity Statement

This proposal is valid for 90 days from submittal.

#### Proposed Representatives



**Kathryn Gies, PE**  
Project Manager

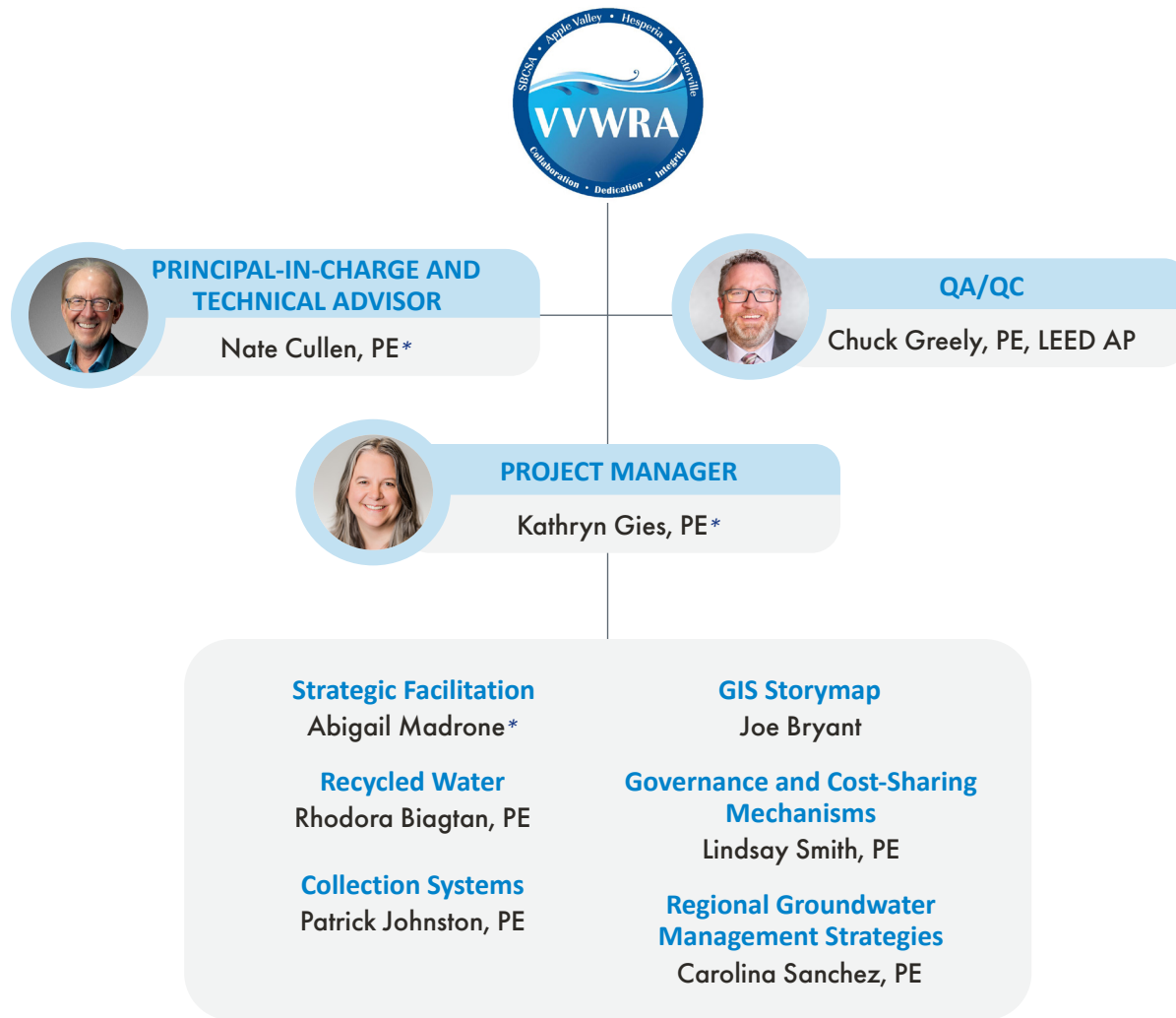
1001 Galaxy Way, Suite 310  
Concord, CA 94520  
T: (925) 949-5815  
[kgies@westyost.com](mailto:kgies@westyost.com)

*Kathryn will be the primary contact for the proposal and project. She is on West Yost's Board of Directors, serves as the Assistant Secretary, and is a company shareholder. She is authorized to execute legal documents on behalf of West Yost.*



**Nate Cullen, PE**  
Principal-in-Charge  
T: (503) 608-4522  
[ncullen@westyost.com](mailto:ncullen@westyost.com)

## 4. Staffing Resources



\* Primary Contact

West Yost brings extensive experience helping public agencies create regional strategies that integrate wastewater and recycled water planning into unified One Water approaches. Our team has led more than 200 collaborative planning efforts that, like VVWRA's Strategic Vision, align member agency goals, optimize infrastructure, and plan for long-term growth and resilience. **West Yost has 197 staff in California that can be mobilized to provide additional personnel as needed. Thirty-six (36) staff members are within a 1.5-hour drive from VVWRA.**

### What Sets West Yost Apart?

West Yost are recognized leaders in regional water management and active contributors to advancing industry best practices across California.

Project Manager Kathryn Gies, PE, brings 25 years of experience in managing complex wastewater treatment and recycled water master plans, stakeholder facilitation, and strategic program development. Her creativity, expertise in wastewater treatment facilities planning, and leadership in developing long-range, multi-agency plans will deliver a clear, actionable strategic vision for the region's wastewater and recycled water future.

Abigail Madrone brings over 20-year of facilitation experience with a direct focus on water resources management. She will lead collaborative workshops that build consensus and provide transparent decision-making.

Nate Cullen brings unique value to this team, having served as the Chief Operating Office of Clean Water Services that serves 600,000 people in the Washington County, Oregon area and operates in partnership with 12 cities to manage wastewater and surface water for the Tualatin River Watershed.

**We love what we do, and we bring that passion and commitment to our clients.**



**Staff Title:** Engineering Manager II

**Office Location:** Concord, CA

**Years of Experience:** 25

**Years with West Yost:** 25

**Professional Registrations**

- Professional Civil Engineer, California No. 65022

**Education**

- PhD Candidate, Bioresource Engineering, Oregon State University
- BS, Agricultural and Biological Engineering, Clemson University
- Wetland Treatment and Design Course, Humboldt State University
- BioWin® Process Modeling Training Workshop

**Professional Affiliations**

- California Association of Sanitation Agencies
- California Water Environment Association, President 2025
- Central Valley Clean Water Association
- Water Environment Federation
- WaterReuse Association
- Institute for Sustainable Infrastructure

## KATHRYN GIES, PE

### Project Manager

**PERCENT AVAILABLE:** 40%; **OFFICE:** Concord, CA

Kathryn is an accomplished engineer with more than 25 years of experience leading complex wastewater and recycled water planning efforts throughout California and Oregon. She specializes in the development of facilities master plans, treatment process designs, and regulatory compliance strategies. Kathryn has managed several multi-agency regional planning efforts, including projects for Sonoma County Water Agency, Dublin San Ramon Services District, the City of Creswell, the City of Lone and its regional partners. Kathryn is adept at navigating technical, regulatory, and stakeholder considerations to develop sustainable, consensus-driven solutions. Her leadership brings a balanced focus on collaboration, technical excellence, and long-term operational resilience.

**Kathryn has supported regional wastewater and recycled water planning for decades, including leading development of the recently completed West County Wastewater Feasibility Study.**

### West County Water Quality and Recycled Water Supply Feasibility Study

#### SONOMA WATER/RUSSIAN RIVER SANITATION DISTRICT, SONOMA COUNTY, CA

**ROLE:** Project Manager – Kathryn led the development of a comprehensive regional wastewater system plan serving multiple communities across western Sonoma County. Her work united agencies around a shared infrastructure vision that improves water quality, expands recycled water use, and supports long-term watershed resilience and regional self-sufficiency.

### Wastewater Treatment and Biosolids Facilities Master Plan

#### DUBLIN SAN RAMON SERVICES DISTRICT, DUBLIN, CA

**ROLE:** Assistant Project Manager – Kathryn helped guide this master plan integrating treatment and biosolids management strategies to meet future regulatory and capacity demands. The plan created a roadmap for nutrient removal, recycled water expansion, and long-term biosolids reuse, positioning the District for sustainable growth and operational flexibility.

### Multi-Year Treatment and Reuse Studies

#### CITY OF DAVIS, CA

**ROLE:** Project Manager – Kathryn guided the re-envisioning of the City's 2005 master plan, helping to develop a more affordable and technically robust design-build solution that met new regulatory requirements for nutrient removal and tertiary treatment. Under her oversight, West Yost provided process modeling, contract oversight, and performance validation that confirmed the new facilities, met permit objectives, and opened the door for a new recycled water program while providing long-term operational flexibility.

### Wastewater Treatment Plant Facilities Plan

#### CRESWELL, OR

**ROLE:** Project Manager – Kathryn led development of a Facilities Plan that identified regionalization as the preferred long-term wastewater strategy. The plan recommends partnering with Lane County to build a regional sewer system connecting the City's existing collection system and a new Lane County system to the MWMC regional network. She continues to support the effort by facilitating discussions with potential partners and helping the City develop partnership agreements.



**Staff Title:** Vice President

**Office Location:** Davis, CA

**Years of Experience:** 24

**Years with West Yost:** 10

#### Education

- BS, Managerial Economics,
- University of California, Davis

#### Professional Affiliations

- Groundwater Resources Association of California (GRA), Past President
- Northern California Professional Environmental Marketing Association, Past President
- Mountain Counties Water Resources Association, Legislative Committee Member
- Association of California Water Agencies
- California Water Environment Association
- WaterReuse Association
- Northern California Water Association

#### Awards

- GRA, President's Exceptional Service Award Recipient 2014, 2016, 2018, 2023

## ABIGAIL MADRONE

### Strategic Facilitation

**PERCENT AVAILABLE:** 15%; **OFFICE:** Davis, CA

Abigail is a strategic planning and facilitation leader with more than 20 years of experience helping public agencies build consensus and define clear, actionable visions. As Vice President at West Yost, she specializes in guiding multidisciplinary teams through collaborative planning processes that connect technical expertise with community values. Abigail's background includes leading strategic planning for the Dublin San Ramon Services District, supporting Sustainable Groundwater Management Act (SGMA) implementation in Colusa County and serving on the Board of the Groundwater Resources Association of California for a decade, including as its President. She combines her deep understanding of California's water management landscape with an inclusive facilitation style that fosters trust, clarity, and shared ownership among diverse stakeholders.

**Abigail has led strategic planning and facilitation efforts across California, her work turns complex challenges into clear, collaborative strategies that build lasting organizational and regional success.**

### 2025 Strategic Plan

#### DUBLIN SAN RAMON SERVICES DISTRICT, DUBLIN, CA

**ROLE:** Project Manager and Lead Facilitator – Abigail designed and facilitated strategic planning workshops with District leadership and staff, integrating diverse input into a cohesive roadmap for organizational success. Her process emphasized inclusive participation, leadership alignment, and actionable implementation strategies that fostered ownership and accountability across the organization.

### Six Basins Watermaster Strategic Plan

#### SIX BASINS WATERMASTER, LAKE FOREST, CA

**ROLE:** Strategic Planning Facilitator – Abigail supported collaborative planning among multiple groundwater producers and agencies to develop shared management goals. She coordinated engagement strategies and workshops that helped participants articulate common priorities and establish governance structures for long-term basin sustainability.

### County of Colusa SGMA Education and Outreach Program

#### COLUSA COUNTY, CA

**ROLE:** Public Outreach Lead – Abigail developed communication tools and educational materials to support local agencies in implementing the Sustainable Groundwater Management Act. Her work simplified complex groundwater regulations into accessible materials that helped build understanding and trust among stakeholders and the general public.

### Visit Berkeley 2025 Strategic Plan

#### VISIT BERKELEY, BERKELEY, CA

**Role:** Project Manager and Facilitator – Abigail managed a comprehensive stakeholder-driven strategic planning process for a regional tourism agency. She led interviews, surveys, and workshops to align leadership and community vision, resulting in a unified plan that strengthened organizational identity and long-term strategic direction.





**Staff Title:** Engineer Manager II

**Office Location:** Lake Oswego, OR

**Years of Experience:** 40

**Years with West Yost:** 1

#### **Professional Registrations**

- Professional Civil Engineer, Oregon No. 15385PE

#### **Education**

- MS, Environmental Engineering, Purdue University
- BS, Civil Engineering, Purdue University

#### **Certifications**

- OSHA 10-Hour Safety and Health
- Professional Affiliations
- Water Environment Federation
- Pacific Northwest Clean Water Association
- American Society of Civil Engineers

## **NATE CULLEN, PE**

### **Principal-in-Charge and Technical Advisor**

**PERCENT AVAILABLE:** 15%; **OFFICE:** Lake Oswego, OR

Nate brings over 40 years of experience in wastewater treatment, operations, and capital program implementation, including three decades at Clean Water Services where he served as Chief Operating Officer. His background supporting, and ultimately leading, this innovative regional partnership brings expertise that spans master planning, nutrient recovery, cogeneration, and large-scale treatment plant upgrades. He has led pioneering initiatives in resource recovery, water reuse, and energy optimization. As a technical advisor for this effort, Nate will lead and present the Regional Case study evaluation. As Principal-in-Charge, Nate will see that West Yost resources are effectively allocated to achieve VVWRA's goals for this effort.

**Nate has led transformative water and wastewater programs, combining technical expertise with practical leadership to deliver sustainable, high-performing infrastructure.**

### **Durham Advanced Wastewater Treatment Facility Expansion**

#### **CLEAN WATER SERVICES, TIGARD, OR**

**ROLE:** Principal-in-Charge – Nate led the expansion of a 180-MGD influent pump station and major facility upgrades to increase treatment capacity and reliability. His direction balanced sustainable design, hydraulic performance, and long-term operations, achieving LEED Silver certification and improved regional resilience.

### **Rock Creek Advanced Wastewater Treatment Facility Nitrification Upgrade**

#### **CLEAN WATER SERVICES, HILLSBORO, OR**

**ROLE:** Project Manager for Owner – Nate oversaw conversion of existing aeration basins to an advanced A<sup>2</sup>O biological nutrient removal system, achieving stricter ammonia limits. He coordinated design, construction, and operational integration to enhance efficiency and meet evolving regulatory standards.

### **Forest Grove Wastewater Treatment Facility and Fernhill Natural Treatment System**

#### **CLEAN WATER SERVICES, FOREST GROVE, OR**

**ROLE:** Principal-in-Charge – Nate directed conversion of decommissioned sludge lagoons into 90 acres of constructed wetlands, adding 5-MGD of capacity and enabling year-round discharge. The project improved water quality, habitat, and community amenities while reducing long-term capital costs.

### **Durham Advanced Wastewater Treatment Facility Struvite Recovery Project**

#### **CLEAN WATER SERVICES, TIGARD, OR**

**ROLE:** Project Manager – Nate led implementation of the first full-scale Ostara Nutrient Recovery System in Oregon, turning phosphorus and nitrogen from biosolids into marketable fertilizer. The project delivered measurable environmental and economic benefits with a seven-year payback period.



**Staff Title:** Principal Engineer II

**Office Location:** Concord, CA

**Years of Experience:** 29

**Years with West Yost:** 9

**Professional Registrations**

- Professional Civil Engineer,
- California No. 59028

**Education**

- MS, Civil Engineering, Stanford University, Stanford, CA
- BS, Civil Engineering, Tufts University, Medford, MA

**Professional Affiliations**

- American Society of Civil Engineers
- Northern California Pipe Users Group

## PATRICK JOHNSTON, PE

### Collection Systems

**PERCENT AVAILABLE:** 25%; **OFFICE:** Concord, CA

Patrick is a civil engineer with 29 years of experience in wastewater collection system planning, modeling, and design. He has managed numerous master planning efforts to address inflow and infiltration, system optimization, and hydraulic capacity, and his work has informed major capital improvement programs across California. Patrick combines technical expertise in system modeling and field data analysis with practical experience in design and construction, providing a strong foundation for resilient and efficient collection system management.

**Patrick has led wastewater collection system planning and modeling efforts across California, applying advanced hydraulic analysis and practical engineering judgment to help agencies reduce inflow and infiltration, improve system reliability, and plan sustainable infrastructure for future growth.**

### Wastewater Master Plan

#### CITY OF STOCKTON, CA

**ROLE:** Project Manager – Patrick led development of a systemwide wastewater master plan, including flow monitoring, hydraulic model creation, and inflow and infiltration analysis. He guided evaluation of existing and future wet-weather conditions and developed a prioritized capital improvement program to enhance reliability, capacity, and regulatory compliance.

### Infiltration and Inflow Analysis and Hydraulic Model Update

#### ROSS VALLEY SANITARY DISTRICT, SAN RAFAEL, CA

**ROLE:** Project Engineer – Patrick directed recalibration of the District’s hydraulic model using new flow data and SmartCover technology. His analysis quantified I&I reduction from recent capital projects and provided data-driven recommendations for future rehabilitation investments.

### Wastewater Collection System Modeling

#### SANTA ANA WATERSHED PROTECTION AGENCY, CA

**ROLE:** Project Engineer – Patrick developed a trunk sewer model to evaluate capacity and negotiate shared-use agreements between neighboring agencies. His modeling informed regional coordination strategies and supported cost-effective system expansion.

### Wastewater Master Plan and Groundwater Plan

#### TWENTYNINE PALMS WATER DISTRICT, TWENTYNINE PALMS, CA

**ROLE:** Project Engineer – Patrick created a GIS-based hydraulic model to evaluate collection system alternatives and treatment plant siting. His work provided the technical foundation for phased implementation and a comprehensive long-term CIP.



**Staff Title:** Principal Engineer II

**Office Location:** Sacramento, CA

**Years of Experience:** 30

**Years with West Yost:** 5

#### **Professional Registrations**

- Professional Civil Engineer, California No. 59371

#### **Education**

- MS, Civil & Environmental Engineering, University of California, Davis
- MBA, Natural Resource Management, Graduate School of Management, University of California, Davis
- BS, Civil Engineering and Materials Science & Engineering, University of California, Davis

#### **Professional Affiliations**

- WaterReuse California – Northern California Chapter California Conference Technical Committee Co-chair (2022)
- Board of Trustee Representative (2019 and 2020) President (2017 and 2018)
- WaterReuse California – Central Valley/ Sierra Foothills Chapter
- California Water Environment Association
- Bay Area Water Works Association

## **RHODORA BIAGTAN, PE**

### **Recycled Water**

**PERCENT AVAILABLE:** 25%; **OFFICE:** Sacramento, CA

Rhodora is a principal engineer with 30 years of experience leading recycled water, water supply, and conservation programs for public utilities and regional agencies. Her background includes managing recycled water master plans, permitting, and large-scale implementation programs supported by extensive stakeholder collaboration. Rhodora's strategic and regulatory insight, developed through decades in both public utility management and consulting, positions her to lead practical, cost-effective recycled water initiatives that maximize regional benefit.

**Rhodora has led recycled water and utility planning programs throughout California, combining policy insight and engineering experience to help agencies expand reuse, strengthen drought resilience, and implement cost-effective, regulatory-compliant water management solutions.**

### **Recycled Water Feasibility Study**

#### **CITY OF MILLBRAE, CA**

**ROLE:** Project Manager – Rhodora led evaluation of recycled water opportunities, including treatment options, distribution alignments, and potential customers. She secured \$150,000 in State grant funding and guided preparation of a feasibility study that established the City's long-term roadmap for water reuse expansion.

### **Recycled Water Program Implementation**

#### **DUBLIN SAN RAMON SERVICES DISTRICT, DUBLIN, CA**

**ROLE:** Program Manager – Rhodora managed permitting, design coordination, and customer connections for over 300 recycled water users. Her leadership advanced one of the Bay Area's most successful reuse systems, expanding drought resilience and earning multiple statewide awards.

### **Recycled Water Feasibility Study and Grant Administration**

#### **COUNTY OF CLOVERDALE, CA**

**ROLE:** Project Manager – Rhodora secured over \$700,000 in State and Federal funding and managed development of a citywide recycled water feasibility study. The effort identified system configurations, costs, and implementation pathways for new non-potable reuse facilities.

### **Urban Water Management Plan**

#### **ZONE 7 WATER AGENCY, LIVERMORE, CA**

**ROLE:** Project Manager – Rhodora oversaw integration of regional demand forecasts, water shortage contingency planning, and Delta Plan compliance. She coordinated across multiple agencies to align water supply and conservation strategies for regional sustainability.



**Staff Title:** Senior Engineer II

**Office Location:** Irvine, CA

**Years of Experience:** 12

**Years with West Yost:** 5

#### Professional Registrations

- Professional Civil Engineer, California, No. 85598

#### Education

- MS, Civil and Environmental Engineering, Stanford University
- BS, Civil Engineering, Loyola Marymount University, Los Angeles

#### Professional Affiliations

- Groundwater Resources Association of California
- Technical Board, Thirst Project

## CAROLINA SANCHEZ, PE

### Regional Groundwater Management Strategies

**PERCENT AVAILABLE:** 25%; **OFFICE:** Irvine, CA

Carolina is a groundwater management specialist with over a decade of experience in developing and implementing basin management, recharge, and salt and nutrient management programs. Her expertise includes groundwater management, recharge master planning, salt and nutrient management plans (SNMPs), and Watermaster services under adjudicated basins. Carolina has led technical and stakeholder coordination for SGMA implementation and basin-scale recharge and SNMP planning, bringing a deep understanding of the hydrologic, regulatory, and institutional dynamics that shape long-term groundwater sustainability. She is the project manager for the Chino Basin's comprehensive recharge program. Under this role, she designed and provided technical review for the Water Use and Managed Aquifer Recharge sections of the 2024 State of the Basin StoryMap®.

**Carolina advances groundwater and recycled water management strategies that unite technical analysis with collaborative basin governance. She helps agencies strengthen water reliability through integrated recharge, sustainable yield planning, and One Water frameworks that connect wastewater, stormwater, and groundwater management at the regional scale.**

### Six Basins Watermaster Strategic Plan

#### SIX BASINS WATERMASTER, LAKE FOREST, CA

**ROLE:** Project Engineer – Carolina supported a multi-agency groundwater management plan, developing modeling tools and facilitating collaboration among producers to establish shared priorities and sustainability goals that reflect long-term basin management needs.

### Chino Basin Recharge Master Plan Update

#### RANCHO CUCAMONGA, CA

**ROLE:** Project Engineer – Carolina led technical analyses and stakeholder coordination for basin recharge projects, integrating stormwater, recycled water, and imported supplies into regional groundwater management to enhance yield, reliability, and resilience.

### Coachella Valley Salt and Nutrient Management Plan Update

#### COACHELLA VALLEY WATER DISTRICT, CA

**ROLE:** Project Manager – Carolina managed the update of a basinwide plan to address salinity and nutrient loading, coordinating with stakeholders and regulators to sustain groundwater quality and reuse capacity while supporting future permitting and recharge efforts.

### Shallow-Groundwater Characterization Study

#### VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY, CA

**ROLE:** Project Engineer and Manager – Carolina led a hydrogeologic study to evaluate high-groundwater conditions affecting ponds 1–6 at the Victor Valley Regional Wastewater Treatment Plant. West Yost developed maps, hydrogeologic cross-sections, piper diagrams, and water-quality tables to demonstrate that (1) pond 6 surface water is shallow groundwater originating primarily from effluent infiltrated in the upgradient percolation ponds, and (2) water quality in pond 6 remains within the effluent limits specified in VVWRA's Waste Discharge Requirements permits.



**Staff Title:** Technical Specialist II

**Office Location:** Davis, CA

**Years of Experience:** 11

**Years with West Yost:** 6

#### Professional Registrations

- US Dept. of Transportation, FAA Remote Pilot (Part 107: Small Unmanned Aircraft Systems) Cert. #4734935
- SWRCB Distribution Operator 1, California No. 47347

#### Education

- GIS Skills Certificate, Sierra College, Rocklin, California
- Bachelor of Applied Science, Audio Engineering, Expression College of New Media, Emeryville, California
- Associate of Natural Science, Civil Engineering, Sierra College, Rocklin, California

#### Professional Affiliations

- Member, Urban and Regional Information Systems Association (URISA)

## JOE BRYANT

### GIS Storymap

**PERCENT AVAILABLE:** 25%; **OFFICE:** Sacramento, CA

Joe is a GIS Manager recognized for developing interactive StoryMaps® that translate complex water and groundwater management strategies into clear, visually compelling digital tools, most notably the StoryMap for the Six Basins Strategic Plan. He has 11 years of experience supporting water, wastewater, and stormwater projects through advanced geospatial analysis, GIS database design, and web application development. Joe also leads GPS/GNSS and drone-enabled field data collection efforts and manages West Yost's GIS program, enhancing data quality, mapping workflows, and decision-support capabilities across multidisciplinary planning and engineering teams.

**Joe has advanced the use of GIS and data visualization tools to enhance water and wastewater system planning. His work integrates geospatial analysis, real-time data collection, and digital collaboration to help agencies improve infrastructure decision-making, asset management, and regional coordination.**

### Sewer Regionalization Planning Project

#### WEST COUNTY WASTEWATER DISTRICT, RICHMOND, CA:

**Role:** GIS Coordinator – Joe developed an interactive web map classification workflow by identifying and prioritizing parcels, based on septic vulnerability, connection feasibility, and regulatory drivers, where integrating dispersed septic-reliant communities into a regional wastewater system would most effectively protect the Russian River Watershed and comply with discharge restrictions.

### Storm Drain Master Plan

#### CITY OF DIXON, CA

**ROLE:** GIS Coordinator – Joe developed a new stormwater GIS database, integrating as-built records and quality control protocols. He created a custom fieldwork application and advanced spatial analyses to support hydraulic modeling and system planning.

### Regionalization Reliability Study

#### PLACER COUNTY WATER AGENCY, CA

**ROLE:** GIS Coordinator – Joe led spatial analysis and figure development to identify disadvantaged communities that would benefit from regionalization. His GIS tools visualized impacts and supported stakeholder decision-making.

### Recycled Water Meter Inventory and Replacement

#### CENTRAL CONTRA COSTA SANITARY DISTRICT, CA

**ROLE:** GIS Coordinator – Joe designed GIS-based data collection workflows to inventory and assess recycled water meters across the District. His use of high-accuracy GNSS and ArcGIS Field Maps streamlined condition assessment and asset tracking.

### Water Master Plan Update

#### CITY OF GARDEN GROVE, CA

**ROLE:** GIS Coordinator – Joe built a GIS web application for field staff to record hydrant pressures during model calibration, integrating results into the City's hydraulic model. The tool improved operational awareness and data accuracy.





**CHUCK GREELY, PE, LEED AP**  
**Quality Assurance/Quality Control**  
**PERCENT AVAILABLE:** 20%; **OFFICE:** Remote, CA

Chuck is a civil engineer with 23 years of experience managing water, wastewater, and stormwater projects that balance technical precision and environmental stewardship. As Director of Operations for Planning, he leads QA/QC reviews and applies expertise in permitting and resilient infrastructure design to deliver practical, sustainable, and compliant solutions.

**UPPER WILDWOOD CREEK BASIN NO. 4**  
**GROUNDWATER RECHARGE AND**  
**WATER PROJECT, CITY OF YUCAIPA, CA**

**ROLE:** Project Manager – Charles led design of a multipurpose flood control and groundwater recharge basin, integrating flood routing, hydraulic modeling, and detailed construction plans to reduce peak flows and enhance local water supply reliability.

**ARROYO SECO CANYON PROJECT, PASA-**  
**DENA WATER & POWER, PASADENA, CA**

**ROLE:** Project Manager – Charles led redevelopment of the City’s groundwater recharge facilities, designing conceptual basin configurations, conveyance improvements, and site layouts to maximize surface water capture, infiltration performance, and long-term operational reliability.

**MOUNTAIN AVENUE WEST BASIN FINAL**  
**DESIGN, EASTERN MUNICIPAL WATER**  
**DISTRICT, PERRIS, CA**

**ROLE:** Project Manager – Charles oversaw final design of a 50-acre groundwater recharge facility, including flow control, metering, and safety features to support EMWD’s long-term water banking and flood protection goals.



**LINDSAY SMITH, PE**  
**Governance and Cost-Sharing**  
**Mechanisms**  
**PERCENT AVAILABLE:** 10%; **OFFICE:** Davis, CA

Lindsay has over 20 years of experience managing regional water and wastewater programs that connect technical planning, governance, and funding strategy. She specializes in multi-agency projects and consensus building, helping agencies translate technical findings into clear policy, partnerships, and implementation frameworks that promote transparency, equity, and accountability.

**RIVERARC REGIONAL WATER SUPPLY**  
**PROJECT, PLACER COUNTY WATER**  
**AGENCY + REGIONAL PARTNERS, CA**

**ROLE:** Technical Advisor - Governance and Cost Sharing – Lindsay supported development of regional governance and cost-sharing frameworks for a multi-agency water supply initiative, helping establish long-term collaboration and implementation pathways.

**DAVIS–WOODLAND WATER SUPPLY**  
**PROJECT, CITY OF DAVIS AND CITY OF**  
**WOODLAND, CA**

**ROLE:** Program Integration Lead – Lindsay coordinated interagency decision-making for a \$270 million regional water supply program, aligning priorities, funding, and implementation across partner agencies.

**REGIONAL SURFACE WATER SUPPLY**  
**PROJECT, STANISLAUS REGIONAL**  
**WATER AUTHORITY, TURLOCK, CA**

**ROLE:** Program Manager – Lindsay managed a multi-agency regional water supply program, leading governance development, funding strategy, and design-build procurement for new raw water, treatment, and transmission facilities.

**Staff Title:** Vice President

**Office Location:** Irvine, CA

**Years of Experience:** 23

**Years with West Yost:** >1

**Professional Registrations**

- Professional Civil Engineer, CA No. 69056; WA No. 40823
- Leadership in Energy and Environmental Design Accredited Professional (LEED AP)

**Education**

- BS, Civil Engineering, University of Washington

**Professional Affiliations**

- California Water Environment Association, State Board of Directors 2013–2019; 2022- present; President 23/24

**Staff Title:** Vice President

**Office Location:** Davis, CA

**Years of Experience:** 22

**Years with West Yost:** 18

**Professional Registrations**

- Professional Civil Engineer California No. 72996
- Oregon No. 91823PE

**Education**

- BS, Civil Engineering, Santa Clara University

**Professional Affiliations**

- Design Build Institute of America



West Yost’s proposed team brings both technical depth and facilitation expertise, ensuring that the project’s engineering analyses, stakeholder engagement, and educational components are seamlessly integrated. Each key staff member has extensive experience working with public agencies to align infrastructure planning with regional sustainability, regulatory compliance, and funding objectives.

Our organizational structure supports clear lines of communication, accountability, and responsiveness.

- **Kathryn Gies, PE** will serve as Project Manager, providing technical leadership and overall coordination.
- **Nathan Cullen, PE** will serve as Principal-in-Charge and Technical Advisor, offering senior oversight and guidance on strategy and deliverables.
- **Abigail Madrone**, supported by **David Garrison** (facilitation), will serve as Lead Facilitator and Strategic Planning Advisor, leading Member Agency engagement and visioning workshops.

- Supporting specialists include senior engineers and planners, **Rhodora Biagtan, PE**, **Patrick Johnston, PE**, **Carolina Sanchez, PE**, and **Charles Greely, PE, LEED AP**, who will contribute expertise in recycled water, collection systems, basin management, and infrastructure optimization. **Lindsay Smith** will provide technical advisory support.
- **Joe Bryant** will lead GIS StoryMap® creation and digital presentation tools.
- **Sheri Lasick** will provide support based on her page experience working with VVWRA to develop funding strategies.
- **Manny Rodriguez** will provide production and graphics support and both **Josh Steiner** and **Mika Mar** will provide engineering support.

This integrated team structure allows West Yost to bring both high-level strategic insight and practical, data-driven implementation, delivering a comprehensive, collaborative, and actionable vision for VVWRA’s regional wastewater and recycled water future.

**Table 1. Project Staff Details**

| NAME                        | DISCIPLINE/SPECIALTY                              | PROJECT/STAFF TITLE                                                      |
|-----------------------------|---------------------------------------------------|--------------------------------------------------------------------------|
| Kathryn Gies, PE            | Wastewater Treatment and Recycled Water Planning  | Project Manager/Engineering Manager II                                   |
| Abigail Madrone             | Strategic Planning and Facilitation               | Strategic Facilitation/Vice President                                    |
| Nathan Cullen, PE           | Wastewater Treatment and Operations Leadership    | Principal-in-Charge and Technical Advisor/Engineering Manager II         |
| Patrick Johnston, PE        | Collection System Modeling and Planning           | Collection Systems/Principal Engineer II                                 |
| Rhodora Biagtan, PE         | Recycled Water and Water Conservation Planning    | Recycled Water/Principal Engineer II                                     |
| Carolina Sanchez, PE        | Groundwater and Basin Management                  | Regional Groundwater Management Strategist/Senior Engineer II            |
| Joe Bryant                  | GIS and Data Visualization                        | GIS StoryMap/Technical Specialist II                                     |
| Charles Greely, PE, LEED AP | Civil and Environmental Design and Planning QA/QC | Quality Assurance & Quality Control/Vice President                       |
| Lindsay Smith, PE           | Technical Advisor - Strategic Initiatives         | Governance and Cost-Sharing Mechanisms/Vice President                    |
| Sheri Lasick                | Funding and Grant Strategy                        | Regional Groundwater Management Strategist/Senior Technical Specialist I |
| David Garrison              | Facilitation and Organizational Development       | Strategic Facilitation Support/Technical Specialist I                    |
| Josh Steiner, PE            | Engineering Support                               | Project Engineer/Associate Engineer II                                   |
| Mika Mar, EIT, ENV SP       | Engineering Support                               | Project Engineer/Engineer II                                             |
| Administrative Staff        | Administrative Support                            | Project Administration/Administrative Specialist IV                      |
| Manny Rodriguez             | Graphic Design / Production Support               | Graphic Design and Production/Technical Associate II                     |

## 6. Experience and Technical Competence

### Wastewater and Regional Water Management Experience

**West Yost brings 35 years of experience helping utilities like the VVWRA plan and implement sustainable, forward-looking wastewater and recycled water programs.** Our team combines technical excellence with facilitation and stakeholder engagement skills to help VVWRA unify its Member Agencies priorities, optimize infrastructure investments, and advance integrated “One Water” solutions.

We understand the unique challenges faced in the Victor Valley region, where member agencies must balance treatment capacity constraints, regulatory compliance, and the underutilized potential of recycled water. The West Yost team’s experience developing long-range wastewater and recycled water master plans for utilities has prepared us to help VVWRA create a collaborative, data-driven framework that supports a wide range of sustainable wastewater treatment, recycled water reuse, and groundwater management.

Our wastewater practice includes specialists in treatment, collection, reuse, regulatory permitting, funding, and regional program management. We function as a cohesive unit to deliver the full spectrum of services needed to implement VVWRA’s Strategic Vision, from technical analysis and regulatory support to interagency facilitation and funding acquisition.

Our experience spans:

- **Facility Planning:** Wastewater, recycled water, and biosolids facilities master planning, treatment capacity, and optimization studies.
- **Integrated Process Reuse, Recharge, and Regional Development Strategy:** Evaluation of recycled water and groundwater recharge planning, evaluation and management of systems.
- **Regulatory and Permitting Expertise:** NPDES, Title 22, and Waste Discharge Requirements (WDR) compliance, with experience coordinating with the California Department of Fish and Wildlife, the Lahontan Regional Water Quality Control Board, United States Fish and Wildlife Service, and Army Corps of Engineers.
- **Funding Strategy and Implementation:** Over \$350 million secured in grants and low-interest loans for California water infrastructure, including support for regional programs that parallel VVWRA’s vision.
- **Program Management:** Oversight of regional water projects from concept through implementation.

West Yost developed a Work Plan for the Mojave One Water project that defined a phased approach to achieving the project goals: reducing reliance on imported water, increasing water supply reliability, and protecting downstream beneficial uses. The Work Plan documented a detailed scope and cost estimate to implement the initial steps, which included a feasibility study for recycled water recharge, a stormwater management reconnaissance study, a riparian vegetation adaptive management and mitigation plan, a hydrogeologic assessment, a stakeholder and education plan, and a project funding strategy.

### OUR WORK IN THE MOJAVE BASIN



**West Yost has collaborated with VVWRA since 2021 on hydrogeologic characterizations, One Water planning, recharge concepts, and associated grant strategies. This experience gives our team deep understanding of the Authority’s water supply goals and opportunities. West Yost’s experience with VVWRA includes technical and planning work that parallels VVWRA’s objectives for the Strategic Vision Project.**

## Proven Experience with Regionalized Solutions

This Strategic Vision Project is a unique opportunity to align VVWRA and its Member Agencies around a shared vision of how the region manages wastewater, recycled water, and groundwater resources. Thoughtful development of this project will provide clear and measurable benefits to the Member Agencies. It can:

- Reduce the cost of future capital investments through phased, shared facilities.
- Improve recycled water reliability by developing joint infrastructure.
- Enhance groundwater sustainability through coordinated recharge.
- Increase regulatory flexibility by aligning regional discharge and reuse strategies.

A regional framework also strengthens competitiveness for state and federal funding, an increasingly critical advantage in today's funding environment, where agencies prioritize multi-benefit, multi-partner projects.

**West Yost's understanding of these dynamics, grounded in our direct experience with VVWRA through the Mojave Basin One Water Planning Study, positions us to provide a strategic vision that balances technical, institutional, and environmental considerations.**

## Technical Competence and Relevance to the VVWRA Strategic Vision

West Yost's proven track record in facilitating multi-agency alignment, developing phased infrastructure roadmaps, and optimizing infrastructure performance directly supports VVWRA's mission to strengthen regional collaboration and maximize the value of existing and planned infrastructure assets. West Yost maintains advanced in-house technical resources including secure cloud-based data management, GIS and hydraulic modeling platforms (InfoWorks ICM, BioWin, and ArcGIS Pro), and collaborative design and project management tools that support efficient, high-quality deliverables. Our integrated team of engineers, planners, hydrogeologists, modelers, funding specialists, and communications professionals routinely collaborates across disciplines to deliver comprehensive planning services tailored to our clients' needs.

Our team understands that VVWRA's Strategic Vision must do more than plan facilities. It must build trust among member agencies, create parity in investment, and produce a roadmap that transforms wastewater into a cornerstone of regional sustainability. **West Yost is prepared to help VVWRA and its Member Agencies advance a practical, equitable, and enduring vision for the region's water future.**



### West County Water Quality and Recycled Water Supply Feasibility Study, Sonoma Water/Russian River Sanitation District

This study illustrates how multiple agencies can collaborate to create a unified regional plan through a structured stakeholder committee representing local sanitation districts, counties, and state regulators. Under Kathryn's leadership, the team develops shared planning criteria, evaluates local and regional treatment alternatives, and uses tools like Monte Carlo simulations to assess tradeoffs and guide data-informed decisions.

This collaborative, phased approach fosters alignment on infrastructure priorities, funding strategies, and long-term resilience, demonstrating how joint governance models can turn complex, multi-jurisdictional challenges into coordinated regional solutions.

*Full write-up on page 20.*

## Project-Specific Experience within the past 5 years

### West County Water Quality and Recycled Water Supply Feasibility Study

SONOMA WATER/RUSSIAN RIVER SANITATION DISTRICT SONOMA COUNTY, CA



**D)** West Yost is working with Sonoma Water to develop a regional wastewater system project to serve the western Sonoma County (West County) area, which is currently served by four different small wastewater treatment plants (WWTPs) and also has approximately 5,000 unsewered parcels currently relying on onsite wastewater treatment systems (OWTSs).

A key driver for this project is the identification of projects that will help address the elevated pathogen concentrations occurring in the Russian River, where a recently adopted Total Maximum Daily Load identified the significant number of OWTS systems in the area as a primary source of the observed pollution. Specific objectives of the study are to evaluate potential regional projects that could improve water quality, water supply reliability, regulatory compliance for pathogens, and climate change resiliency in the Russian River watershed.

This effort has included evaluation of the four existing West County wastewater systems that each currently serve between 500 and 1000 users to identify capacity, condition, and regulatory-related deficiencies that need to be addressed. Following this effort, West Yost identified and evaluated several possible regionalization alternatives that could help address the identified limitations while providing opportunities for connection of unsewered areas throughout the region.

The effort also included development of a GIS risk-based analysis of currently unsewered parcels to determine parcel groupings that should be prioritized for service by the new regional system and development of infrastructure needs and costs for integrating these areas into the project. The project also includes an evaluation of recycled water opportunities and evaluating the alternatives relative to reducing potential climate change risks such as flooding.

The West Yost team is also providing stakeholder engagement support and is participating in quarterly public meetings with local stakeholders that are comprised of homeowners in the unsewered areas that recognize the need for solutions to address the identified Russian River water quality issues.

The Feasibility Study Report will document the preferred approach and identify a plan for implementation of the new regional system, including a recommended approach for phasing the project. It is intended that this study will serve the existing wastewater agencies as they make decisions regarding projects needed to address existing deficiencies and will serve Sonoma County staff as they work to address the Pathogen Total Maximum Daily Load requirements for the Russian River over the next 20-year period.

#### PROJECT INFORMATION:

**A) ROLE:** Feasibility Study

**B) DOLLAR VALUE:** \$500 Million  
(planned facilities)

**C) WEST YOST FEE:** \$640,000

**E) STAFFING:** Kathryn Gies (Project Manager), Patrick Johnston (Collection System Evaluation), Joe Bryant (GIS)

**F) DURATION:** 2024-Ongoing

**G) RELATIONSHIP TO CLIENT:** Prime

**H) REFERENCE:** Parastou Hooshalsadat, Water Engineer, Russian River Sanitation District, 404 Aviation Blvd., Santa Rosa, CA

**Ph:** 707. 524.6436

**Fx:** N/A

**Email:** [Parastou.Hooshalsadat@scwa.ca.gov](mailto:Parastou.Hooshalsadat@scwa.ca.gov)

**ITEMS II A-G:** None have occurred

#### HIGHLIGHTS

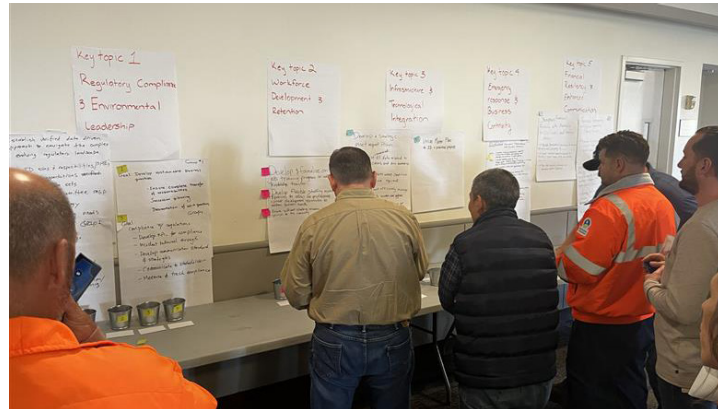
**Challenge:** Elevated pathogen concentrations were traced to failing onsite wastewater systems serving unsewered parcels, creating water quality, regulatory, and climate resilience challenges

**Solution:** West Yost analyzed unsewered parcels and existing systems to identify regional and recycled water solutions that improve water quality, strengthen reliability, and meet Russian River TMDL goals.



## Strategic Planning Facilitation Services

DUBLIN SAN RAMON SERVICES DISTRICT ALAMEDA COUNTY, CA



**D)** Many public agencies look for a planning partner who can bring people together, create authentic engagement, and support thoughtful decision-making. West Yost offers this type of partnership through a facilitation approach that is collaborative, clear, and responsive to each client's unique needs. Our work is grounded in the belief that planning should be productive and energizing, with outcomes that support both daily operations and long-term goals. Our collaboration with the Dublin San Ramon Services District demonstrates this approach in action. West Yost guided DSRSD through interviews, surveys, leadership sessions, and a full planning workshop series that brought forward the voices of staff, management, and board members. The result was a strategic plan that reflected shared priorities and set a clear direction for future investment and community support. The process helped leadership align around a unified vision while strengthening internal communication and trust.

A distinctive advantage of West Yost's method is the integration of facilitation skill with technical understanding. Our long history working with DSRSD gave us insight into their systems, challenges, and opportunities, which helped us guide discussions with clarity and accuracy. We used this knowledge to support creative thinking

without limiting what the group could imagine for its future. This combination of structure, flexibility, and technical grounding produced a plan that was both visionary and practical.

Every planning engagement we lead is shaped around the people in the room. We develop tailored agendas, materials, and workshop activities that help teams collaborate, identify opportunities, and move forward together with confidence. This creates a planning experience that is engaging and productive, giving participants a sense of ownership over the final outcomes. It also builds momentum that extends beyond the workshop itself.

Across all our strategic planning work, West Yost is committed to helping organizations make meaningful progress. Our experience with DSRSD and other clients has shaped a process that is effective, focused, and adaptable. For organizations seeking alignment and forward movement, our team brings the right blend of facilitation skill, technical insight, and collaborative energy to support real results.

### PROJECT INFORMATION:

**A) ROLE:** Strategic Planning and Stakeholder Engagement

**B) DOLLAR VALUE:** \$67,239

**C) WEST YOST FEE:** \$67,239

**E) STAFFING:** Abigail Madrone (Project Manager/Facilitation Lead), David Garrison (Communications Lead)

**F) DURATION:** 2024-2025

**G) RELATIONSHIP TO CLIENT:** Prime

**H) REFERENCE:** Jan Lee, General Manager, 7051 Dublin Boulevard, Dublin, CA 94568

**Ph:** 925.875.2204

**Fx:** N/A

**Email:** [jlee@dsrdsd.com](mailto:jlee@dsrdsd.com)

**ITEMS II A-G:** None have occurred

### HIGHLIGHTS

**Challenge:** DSRSD needed to engage stakeholders in aligning around a unified vision that strengthened communication and guided future investments.

**Solution:** West Yost led a collaborative planning process that aligned priorities, built trust, and strengthened communication, producing a strategic plan that was both practical and visionary.

## RiverArc Regional Water Supply Project

### PLACER COUNTY WATER AGENCY AUBURN, CA



**D)** West Yost has collaborated with the RiverArc partner agencies for almost a decade to plan and advance this multi-agency regional water supply project. RiverArc is designed to enhance regional water supply diversity and reliability, strengthen groundwater sustainability, and protect environmental resources in the Lower American River.

The RiverArc Project aims to redistribute a portion of the region's surface water supply reliance from the American River watershed to the larger Sacramento River system, supporting both ecological health and regional water resilience. The project is envisioned to be constructed in three phases, with environmental and preliminary design efforts currently in progress.

West Yost's team prepared early planning documents, facilitated stakeholder collaboration among the RiverArc Partners, and developed multiple planning grant applications. The latest grant, \$5.1 million from the California Wildlife Conservation Board, supports environmental documentation, final planning, and initial design efforts.

Since 2023, West Yost has served as the Program Manager, providing leadership and coordination across grant administration, permitting, initiation of right-of-way and property acquisition, water rights process support, and completion of final planning and initial design tasks.

West Yost has also been involved in helping to establish a new Joint Powers Agency (JPA) between the regional partners. This agreement provides a framework through which the partners may implement projects involving all partners or a subset of partners via Project Participation Agreements (PPA). The PPAs define the project scope, partner responsibilities, decision-making processes, and cost allocation arrangements. The JPA is in final draft form and anticipated for adoption in 2026.

#### HIGHLIGHTS

**Challenge:** Multiple agencies are collaborating to support regional sustainability and ecosystem health, yet each has unique needs and priorities.

**Solution:** The RiverArc Partners formed a JPA that enables joint or subset participation through PPAs, establishing a framework for coordination and cost allocation while allowing implementation details to evolve.

#### PROJECT INFORMATION:

- A) ROLE:** Program Manager
- B) DOLLAR VALUE:** Estimated \$650+ million
- C) WEST YOST FEE:** \$3.9M (to date)
- E) STAFFING:** Lindsay Smith (Principal-in-Charge / Design-Build Liaison), Abigail Madrone (Facilitation), David Garrison (Public Outreach & Communications), Sheri Lasick (Strategic Grant Funding)
- F) DURATION:** Early Project Planning: 2017–2023, Environmental, Water Rights, and Initial Design: 2024–2028, Procurement: 2028 - 2029, Construction: 2029 - 2033
- G) RELATIONSHIP TO CLIENT:** Prime
- H) REFERENCE:** Laura Rodarte, PE, Strategic Affairs Manager, Placer County Water Agency, 144 Ferguson Road, Auburn, CA 95603
- Ph:** 530.863.2780
- Fx:** N/A
- Email:** [lrodarte@pcwa.net](mailto:lrodarte@pcwa.net)
- ITEMS II A-G:** None have occurred



## West Yost Team Project Experience

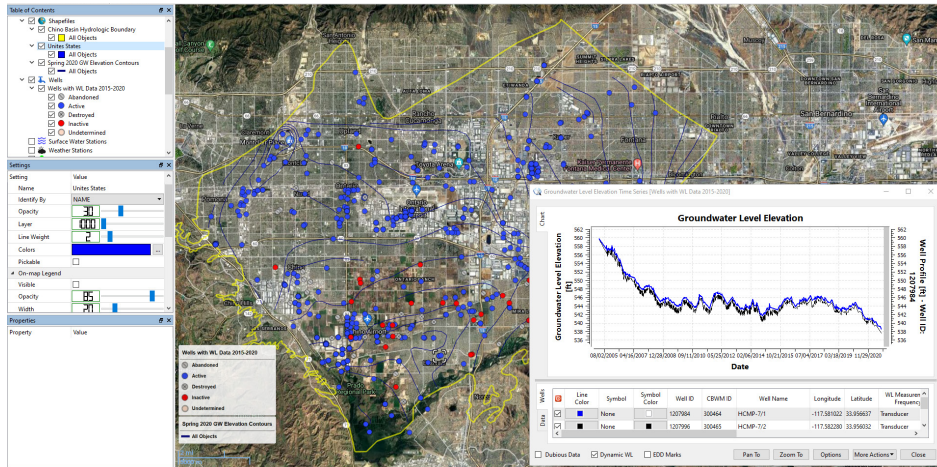
Our team has provided communities with a diverse range of wastewater solutions to the West Coast. The table below illustrates our team's wide ranging experience providing services similar in scope.

### CLIENTS/FACILITIES

|                                                           |                                                     |             |             |             |             |             |             |             |             |             |             |             |
|-----------------------------------------------------------|-----------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Sonoma Water/Russian River County Sanitation District, CA | Wastewater Treatment Plant and Collection System    | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
| Stanislaus Regional Water Authority, CA                   | Regional Surface Water Supply Project               | <div></div> |             |             |             |             |             |             | <div></div> | <div></div> | <div></div> | <div></div> |
| Dublin San Ramon Services District, CA                    | Wastewater Treatment Plant and Collection System    | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |             |             |             |             |
| City of Millbrae, CA                                      | Water Pollution Control Plant                       | <div></div> | <div></div> | <div></div> |             |             | <div></div> |             | <div></div> |             |             |             |
| City of Creswell, OR                                      | Regional Facilities Planning                        | <div></div> | <div></div> |             |             |             | <div></div> |             |             |             |             |             |
| Woodland-Davis, CA                                        | Clean Water Agency                                  | <div></div> |             |             |             |             |             | <div></div> | <div></div> | <div></div> | <div></div> |             |
| City of Medford, OR                                       | Regional Wastewater Treatment Plant                 | <div></div> | <div></div> | <div></div> |             |             | <div></div> |             |             |             |             |             |
| City of Lone, CA                                          | Facilities Planning and Permitting Support          | <div></div> | <div></div> | <div></div> |             |             | <div></div> |             |             |             |             |             |
| Sacramento Area Sewer District, CA                        | Wastewater Treatment Plant and Collection System    | <div></div> |             |             | <div></div> | <div></div> | <div></div> |             | <div></div> | <div></div> |             |             |
| City of Davis, CA                                         | Wastewater Treatment Plant                          |             | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |             |             |             | <div></div> |             |
| Graton Community Services District, OR                    | Wastewater Treatment Plant and Collection System    | <div></div> |             | <div></div> | <div></div> |             | <div></div> |             | <div></div> |             |             |             |
| City of Modesto, CA                                       | Water Quality Control Facility                      | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |             | <div></div> |             |             |             |
| Placer County Water Agency, CA                            | RiverArc Regional Water Supply                      | <div></div> |             |             |             |             |             |             | <div></div> | <div></div> | <div></div> | <div></div> |
| North Marin Water District, CA                            | Water Supply Evaluations                            | <div></div> |             |             |             |             | <div></div> | <div></div> | <div></div> |             |             |             |
| City of Stockton, CA                                      | Wastewater Treatment Plant and Collection System    |             |             |             | <div></div> | <div></div> | <div></div> | <div></div> |             | <div></div> | <div></div> |             |
| City of Vacaville, CA                                     | Easterly Wastewater Treatment Plant                 |             | <div></div> | <div></div> | <div></div> | <div></div> |             |             |             |             |             |             |
| Yuba City, CA                                             | Wastewater Treatment Facility and Collection System |             | <div></div> | <div></div> | <div></div> | <div></div> |             |             |             |             |             |             |
| City of Lodi, CA                                          | White Slough Water Pollution Control Facility       |             | <div></div> | <div></div> |             |             | <div></div> |             |             |             |             |             |
| City of Galt, CA                                          | Wastewater Treatment Plant, Reclamation Facility    |             | <div></div> | <div></div> |             |             | <div></div> |             |             |             |             |             |
| Mt. View Sanitary District, CA                            | Wastewater Treatment Plant                          |             | <div></div> | <div></div> |             | <div></div> | <div></div> |             |             |             |             |             |
| City of Jackson, CA                                       | Wastewater Treatment Plant                          |             |             | <div></div> |             |             |             |             | <div></div> |             |             |             |

## Additional Project Experience

West Yost has successfully led multi-agency programs across California, translating complex technical and institutional challenges into unified regional strategies that deliver lasting results. Here are a few additional example of our regional experience.



### CHINO BASIN OPTIMUM BASIN MANAGEMENT PROGRAM, CHINO BASIN WATERMASTER, RANCHO CUCAMONGA, CA

In 1999, the Chino Basin Watermaster developed the Optimum Basin Management Program (OBMP) as a master plan for groundwater basin management to sustain water supply reliability and quality. Prepared by West Yost, the OBMP established nine program elements addressing key management issues, including recharge planning and a comprehensive basin-wide groundwater monitoring program, the foundation for all subsequent work. Data collected by West Yost, CBWM staff, and basin partners are compiled in a centralized database that supports analysis and reporting, including the biennial State of the Basin Report required by court order.

As Watermaster Engineer, West Yost led OBMP implementation and long-term data management for over 1,000 wells and 1,300 monitoring sites. To improve efficiency, West Yost developed HydroDaVE, a web-based relational database integrating groundwater and surface water data such as levels, quality, pumping, and streamflow. Automated quality control and Python-based reporting tools streamlined figure and table generation, enhancing consistency and reducing manual effort.



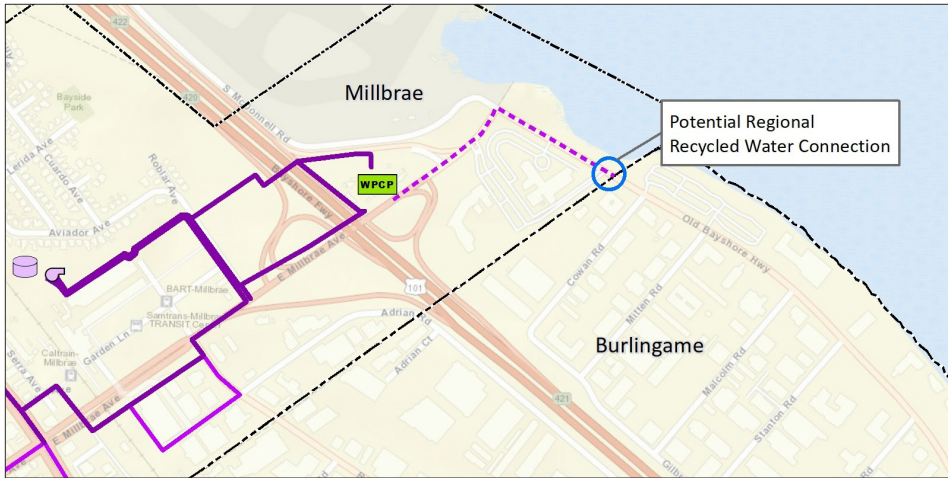
### REGIONAL SURFACE WATER SUPPLY PROJECT, WOODLAND-DAVIS CLEAN WATER AGENCY, CA

The Woodland-Davis Clean Water Agency Regional Surface Water Supply Project is one of California's largest and most complex water supply projects delivered through alternative delivery. For more than two decades, West Yost has supported the Cities of Woodland and Davis with technical feasibility studies, alternatives analyses, and long-term planning to meet community needs. As the lead engineering firm, West Yost guided the effort from initial planning, water rights acquisition, and technical studies through program development and procurement, ultimately serving as the Owner's Representative for the Design-Build-Operate (DBO) contract.

This regional project replaces deteriorating groundwater sources with a sustainable surface water supply from the Sacramento River, serving more than two-thirds of Yolo County's urban population. Facilities include a jointly owned and operated river intake with Reclamation District 2035, a raw water pipeline, a regional treatment facility, and distribution pipelines delivering treated water to Woodland, Davis, and UC Davis.

**The project provides an innovative, regional solution that addresses both water supply reliability and wastewater discharge compliance.** The DBO delivery method reduced overall costs for ratepayers, while agricultural and urban collaboration on the shared intake created cost savings and environmental benefits. The system also integrates aquifer storage and recovery as an innovative local water storage solution and features advanced treatment facilities that meet current regulations, prepare for future standards, and improve energy efficiency. Through this forward-looking, collaborative approach, West Yost helped transform regional water management and secure a reliable, sustainable water future for the community.





### RECYCLED WATER FEASIBILITY STUDY, CITY OF MILLBRAE, CA

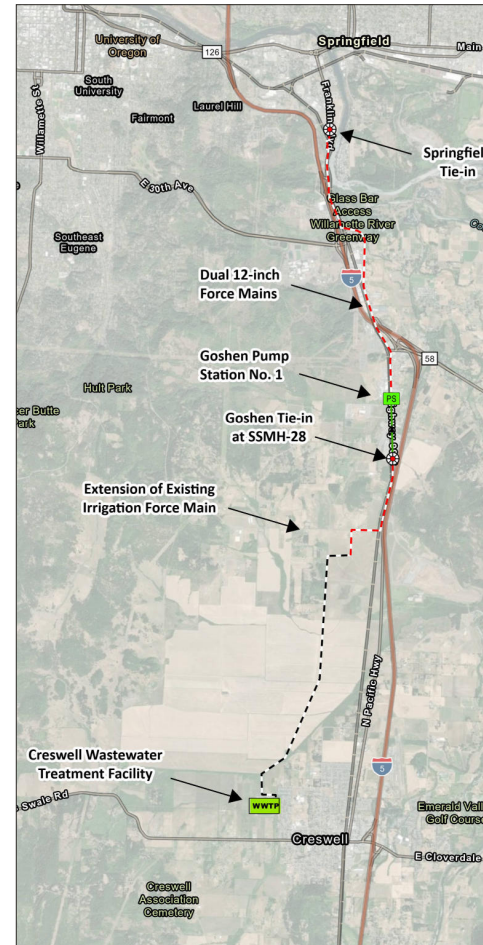
West Yost led the City of Millbrae's Recycled Water Feasibility Study, a multi-year effort to evaluate options for developing a sustainable non-potable water supply and positioning the City for funding and implementation. Initiated under the 2017 Master Services Agreement, the project began in 2020 with preparation of a State Water Resources Control Board planning grant application that secured \$150,000 to offset planning costs.

The Study assessed recycled water production potential from the City's Water Pollution Control Plant and identified feasible treatment, distribution, and use alternatives for landscape irrigation and other non-potable applications. West Yost expanded the scope in 2021 to prepare a comprehensive plan aligned with the City's long-term water resource goals, addressing regulatory, technical, and economic factors, including treatment compatibility with future nutrient removal requirements, cost-benefit evaluation of distribution alignments, and coordination with potential partners.

**The West Yost's study showed that the City could save costs by partnering with Burlingame to share a recycled water treatment facility, potentially reducing total expenses by up to 50 percent less than each City paying for separate facilities.**

From 2022 through 2024, West Yost collaborated with City staff and the State Board to refine findings, prepare the final report for City Council, and complete grant administration and reimbursement in early 2025. The final deliverables provide the City with a framework to advance recycled water implementation, improve supply reliability, reduce potable demand, and strengthen drought resilience.

### WASTEWATER TREATMENT PLANT FACILITIES PLAN, CITY OF CRESWELL, OR



The City of Creswell is a small community about 10 miles south of Springfield, Oregon, and has historically used a pond-based system for wastewater treatment. In 2023, the City retained West Yost to develop a Facilities Plan to identify a preferred long-term strategy for addressing new nitrogen removal requirements placed on the City's WWTP. After evaluating a range of alternatives, a regional strategy was identified as the preferred approach due to the cost and increased long-term resilience benefits. This approach involves partnering with Lane County to construct a new regional wastewater pump station and interceptor that connects the existing Creswell wastewater collection system and a proposed new Lane County collection system to the Metropolitan Wastewater Management Commission (MWMC) regional wastewater system, which provides wastewater treatment for the Cities of Springfield and Eugene. As part of this effort, West Yost presented the findings of the study to City Council members and facilitated meetings that resulted in selection of the regional solution as the preferred strategy.

The City is currently working toward implementation of this project. Continued support includes assisting the City in discussions with Lane County, MWMC, the City of Springfield, and the City of Eugene facilitated by the State's Regional Solutions team to move this project forward. As the smallest agency in the partnership, Creswell relies on West Yost to help represent its interests during negotiations and relay feedback to City officials. The City recently determined that the most effective implementation strategy will be to take the lead on construction and management of the regional interceptor. West Yost is currently supporting the City with development of this approach, including potential terms of a future partnership agreement.



### CITY OF DAVIS MULTI-YEAR TREATMENT AND REUSE STUDIES

West Yost has provided facilities planning and design services for the City of Davis' Water Pollution Control Plant (WPCP) since the 1990s.

West Yost was retained in 2011 to provide owner advisory services for a \$90 million design-build procurement supporting the City's treatment facilities upgrade. During the one-year planning effort, the City's 2005 vision for the treatment plant was re-evaluated and reframed into a more affordable and attainable program. This refined direction produced a design-build project that delivered a practical, regulatory-compliant solution by 2017 at the lowest lifecycle cost—less than half the cost projected in the 2005 Master Plan. Following facilitation of the design-build team selection, West Yost continued to provide advisory support throughout design, construction, and commissioning of the new treatment plant improvements.

The completed project eliminated land-based treatment components that historically lost significant water volumes through evaporation and percolation and West Yost was next retained to complete a Recycled Water Master Plan that developed short and long-term strategies for reuse of these additional flows. Agricultural, municipal, and wetland habitat reuse opportunities were evaluated and a phased implementation strategy was developed. As part of this effort, West Yost facilitated meetings and negotiations with landowners, regional stakeholders, and the Regional Water Board.



### REGIONAL WASTEWATER SYSTEM PLANNING AND FACILITATION, CITY OF IONE, CA

The City of Ione owns and operates a tertiary recycled water treatment plant that receives seasonal secondary treated effluent from two neighboring agencies and delivers the disinfected tertiary recycled water to a City-owned golf course. The regional recycled water system was initially established in the early 1990's because the City itself did not have adequate wastewater supplies to meet the golf course irrigation demands. As the City population has increased over the last 35 years, the City's wastewater management needs have also increased.

Since 2022, West Yost has been supporting the City in developing an updated long-term vision for regional wastewater management. The vision includes increasing the amount of recycled water being generated at the tertiary facility by connecting the City of Ione's Wastewater Treatment Plant to the regional recycled water plant. With this additional flow, the City will be able to provide recycled water to City parks that need a reliable recycled water supply. The City is also investing providing recycled water to nearby farmers and a local mining facility. The goal of the ongoing work is to create a regional vision that benefit all of the agency partners and allows for long-term sustainable growth within the region.



## 7. Proposed Method to Accomplish the Work

### Task 1 – Member Agency Education and Guiding Vision Development

The purpose of this task is to establish a foundational understanding of the benefits of a regional approach to infrastructure management and define common goals for each MA and VVWRA that will drive and support development of a Conceptual Regional Strategic Vision.

#### TASK 1.1 – REGIONAL STRATEGY CASE STUDIES

The West Yost team will prepare a digital presentation for ongoing outreach and education that demonstrates the tangible environmental, financial, and operational benefits of regional collaboration. These materials will highlight lessons learned from leading regional programs including the Inland Empire Utilities Agency, Stanislaus Regional Water Supply Agency, the Davis-Woodland Water Supply Project, Clean Water Services regional wastewater program, the Orange County Water District's Groundwater Replenishment System, and San Diego's Pure Water Program. Benefits that will be considered include:

- Optimizing lifecycle and operating costs through shared facilities and resources
- Improving funding competitiveness and financial resilience
- Strengthening long-term water reliability through integrated supply and reuse planning
- Increasing transparency and public confidence in infrastructure investment

#### TASK 1.2 – MEMBER AGENCY VISIONING WORKSHOP #1

West Yost's strategic planning team will prepare and facilitate a workshop that creates a safe and productive environment for open discussion and collaborative visioning. The session will combine the digital presentation prepared under Task 1.1 with breakout conversations and consensus-building activities to uncover shared values and define actionable goals. The process will culminate in the creation of a collective agreement outlining the guiding principles for the development of the Conceptual Strategic Vision. Meeting outcomes will be synthesized into a concise summary that documents the pertinent findings.

#### Assumptions

- The workshop will be approximately four (4) hours in length and will be attended by two (2) West Yost staff.
- VVWRA will host the workshop at its facility

#### Deliverables

- Digital presentation on regional planning benefits.
- Written summary report from the workshop documenting key themes and outcomes.

### Task 2. Collaborative Meetings with MA Engineering Teams

The purpose of this task is to collaborate with each of VVWRA's Member Agency (MA) engineering and planning teams to develop the foundational understating of the long-term wastewater and recycled water infrastructure plans of each MA needed to create a Conceptual Strategic Vision for the region that optimizes existing and planned infrastructure.

#### TASK 2.1. INITIAL MEETINGS AND DATA REVIEW

West Yost will conduct virtual meetings with VVWRA and each MA to present and discuss the Vision Statement developed under Task 1, identify planning efforts that each MA has completed, and develop an initial understanding of individual MA's local goals, challenges, and constraints. Following each meeting, West Yost will prepare a data request for each MA to obtain information such as:

- Current water, sewer, and recycled water master plans and other related planning documents
- Draft 2025 Urban Water Management Plans, as applicable
- GIS maps and data for existing sewer and recycled water infrastructure
- GIS maps and data for planned sewer and recycled water infrastructure

- General Plans, Specific Plans or other Land Use Planning Documents
- Proposed development plans

West Yost will review available information to confirm it provides information needed to support the study.

## TASK 2.2. MA GROWTH PROJECTIONS

West Yost will analyze state population data and available land-use planning documents provided by the MAs to forecast population within each MA at the 5-year, 10-year, and 20-year planning horizon. To the extent feasible, available information from regional and local planning agencies that describe current and planned development trends, zoning changes, and/or regional economic drivers will be incorporated to define potential population changes that may not be integrated into existing MA planning documents. Using this population information, the team will model potential wastewater generation rates for each MA to provide a better understanding of how population and land-use growth will impact wastewater and recycled water service needs in the region.

## TASK 2.3. CONFIRMATION MEETINGS

After reviewing the information and reports provided by VVWRA and each MA and preparation of the MA Growth Projections, West Yost will conduct follow up confirmation meetings with VVRWA staff, and then with representatives from each MA to confirm planning and population growth assumptions, clarify long-term capacity needs, and identify priorities. To the extent possible, potential opportunities for wastewater and recycled water projects that could be achieved through interagency collaboration will also be discussed.

## TASK 2.4. MA SUMMARY REPORTS

The West Yost team will prepare a brief Technical Memorandum (TM) for each MA that lists the information and reports received, documents the anticipated population and wastewater generation at the 5-, 10-, and 20-year planning horizon, and provides a high-level summary of the agency's long-term goals and priorities based on the information developed and confirmed during the MA confirmation meetings.

## Assumptions

- Four (4) Initial Meetings will be conducted that are approximately one (1) hour in length. Information related to County Service Areas #42 (Oro Grande) and #64 (Spring Valley Lake) will be covered at a single meeting.
- Four (4) Confirmation Meetings will be conducted that are approximately two (2) hours in length. Information related to County Service Areas #42 (Oro Grande) and #64 (Spring Valley Lake) will be covered at a single meeting.
- Each MA will provide recent General Plan/Land Use Planning information, current sewer and recycled water master plans, and/or other planning documents needed to complete the study.
- Current and projected per capita wastewater generation rates will be included (or readily derived from) provided documentation.
- GIS maps and data showing existing and planned sewer and recycled water infrastructure for each MA will be provided to West Yost. The GIS data will be projected in a defined and "well known" coordinate system, and will contain all the attribution necessary for West Yost to display the identified system capacity limiters and improvements, such as pipe diameter, install date, capacity and flow rate.
- Information will be provided by MAs within five (5) working days of request for data.
- VVWRA and/or the MAs will provide the relevant information from regional and local planning agencies that should be considered in the evaluation.
- All meetings will be conducted virtually.

## Deliverables

- Four Draft and Final TMs in electronic (PDF) format.



### Task 3. Regional Infrastructure Visioning

The purpose of this task is to identify the wastewater and recycled water infrastructure synergies across the MAs and work with VVWRA's to define the key elements of the Conceptual Strategic Vision for regional infrastructure development that improves efficiency and maximizes return on investment for assets managed throughout the region.

#### TASK 3.1. REGIONAL INFRASTRUCTURE ALIGNMENT MATIX AND MAPPING

West Yost will build upon the GIS mapping and database that VVWRA has already developed showing existing wastewater and recycled infrastructure to incorporate the planned wastewater and recycled water infrastructure for each MA identified through the individual MA meetings. This information will be developed into a webmap tool that will be used to complete an infrastructure gap and overlap analysis to identify potential redundancies, underutilized assets, and opportunities for integration or shared use.

The West Yost team will facilitate a meeting with VVWRA staff to present the prepared webmaps and further discuss opportunities for joint or shared facilities that promote systemwide resilience and cost-effectiveness. To support informed decision-making, this discussion will include identification of technology options and system configurations that enhance operational flexibility, energy efficiency, and long-term sustainability. Findings will be summarized in a matrix outlining shared asset concepts and how they align with common goals and potential partnership opportunities.

#### TASK 3.2. OPTIMIZATION STRATEGY VISIONING AND ALIGNMENT WORKSHOP #2

West Yost will facilitate a workshop with VVWRA and MA engineering staff to present the information identified through the individual MA collaborative meetings and discuss the resulting matrix and GIS webmaps. The session will be used to bring together the MA planning work with the regional vision that has been under development by the VVWRA team. The workshop will culminate in the creation of a framework for the Conceptual Strategic Vision. Meeting outcomes will be documented in meeting notes and incorporated into the deliverables described under Task 4.

#### Deliverables

- Regional Infrastructure Alignment GIS Map and Matrix
- Visioning Workshop presentation materials and meeting notes

### Task 4. Asset Build-Out Strategy

Under this task, the West Yost team will develop a visualization of the regionally coordinated Conceptual Strategic Vision to provide a forward-looking, unified roadmap for accommodating regional wastewater and recycled water needs over the 20-year planning horizon. The draft plan will be presented to the MAs as a series of GIS-based webmaps in a facilitated workshop, where the plan will be further developed based on input from the MAs, additions, deletions and adjustments will be captured in the webmaps, and the entire team will walk away with a common agreement on the conceptual approach. These GIS-based webmaps can be further refined and updated based on input received and can serve as an effective communication and planning tool that supports long-term adaptive implementation of the Strategic Vision.

#### TASK 4.1. GIS STORYMAP

West Yost will build upon the information developed under Tasks 1 through 3 to prepare a phased infrastructure plan for the 5-, 10-, and 20-year horizons, as well as a potential long-term 20-year plus planning horizon. The plan will be aligned with projected wastewater flows and recycled water demands and include treatment plant capacity upgrades, pipeline expansions, recycled water storage facilities, and potential siting of new or shared infrastructure.

The infrastructure plan will be integrated into an online GIS-Storymap® that allows for visualization of system expansion and build-out, highlighting community needs and key investment priorities, identifying proposed shared infrastructure, and demonstrating a future regional system vision and associated community benefits. Maps will include forecasted growth for all MA's along with projected wastewater flows and recycled water demands. The GIS Storymap® provides an opportunity to present the overall plan in a web browser-based, interactive format illustrating milestone relationships between growth projections at the 5-, 10 , and 20-year horizons and associated infrastructure recommendations. Users will be able to get a high-level overview of the strategy, as well as access the technical details of the plan if desired.

#### Assumptions

- VVWRA and MAs will provide available planning documents related to existing and planned conveyance and treatment infrastructure.
- VVWRA and MAs will provide GIS maps and data showing existing, planned and potential infrastructure developed from previous planning efforts.
- The Optimization Strategy Visioning Workshop will be a hybrid meeting held at VVWRA offices. Up to two (2) West Yost staff members will participate in person, while others will participate virtually.

An initial draft of the webmaps that will be included in the Storymap® will be developed to support the second Strategy Alignment Workshop under Task 3.2. An initial draft of the Storymap® will be prepared based on the collaboratively updated webmaps and input received at the second workshop and will be presented at the third strategy Alignment Workshop under Task 4.2 for review by VVWRA and the MAs. A revised version of the Storymap will be prepared for final review by the VVWRA and MA leadership teams at the fourth and final strategy Alignment Workshop. A revised draft, if needed, will be prepared for VVWRA review following the fourth workshop. And a final, publicly available Storymap will be prepared following VVWRA final review under Task 4.3.

#### TASK 4.2. STRATEGY ALIGNMENT WORKSHOPS #3 AND #4

West Yost's strategic planning team will prepare and facilitate a third alignment workshop to provide opportunity for additional discussion and collaborative visioning by VVWRA and the MA leadership teams. The session will combine a presentation of the draft GIS Storymap® prepared under Task 4 with breakout conversations and consensus-building activities.

As part of the workshop, the West Yost team will also facilitate a discussion of cost-sharing and agreement framework approaches. Topics addressed will include:

1. Scenario Development – Outline how different frameworks could apply to different projects (e.g., shared pipelines, recycled water distribution, or regional treatment facility).
2. Cost Allocation – Identify potential equitable cost-sharing strategies based on factors such as flow contribution, benefit received, or capacity reserved.
3. Governance and Approval Pathways – Identify legal and procedural requirements under California's Government Code for JPAs and inter-agency agreements.

The third alignment workshop will culminate in the discussion of a Regional Strategy Vision Statement that reflects collective aspirations and provides clear guiding principles for future planning and implementation. Meeting outcomes will be synthesized into a concise summary that documents decisions and findings.

Following development of the Conceptual Regional Strategic Vision Report and revised Storymap, West Yost's strategic planning team will prepare and facilitate a fourth and final alignment workshop to provide opportunities for concluding discussion around the Draft Report, GIS Storymap, cost-sharing and agreement framework approaches, and the Vision Statement.



##### Memorandum of Understanding

Establishes collaborative intent and cost participation without need for formal governance

*Used for targeted studies or specific shared efforts. It's flexible, easily modified, and defines responsibilities.*



##### Project Partnership Agreement

Defines participation in discrete capital projects

*For infrastructure projects including all or a portion of the agencies. Defines project-specific roles, cost allocation, and approval authority; approved by the JPA Board.*



##### Contracting Agreement

Grants access to service or capacity without full membership

*For institutions or customers outside the JPA's core. Defines service level, cost allocation, and non-voting status.*



##### Operations Agreement

Designates one agency to operate shared facilities

*Used for ongoing operations and maintenance of JPA infrastructure. Assigns operations roles, budgeting, cost allocation, and liability provisions.*



**Successful alignment of regional wastewater and recycled water goals will require equitable, transparent mechanisms that support cost sharing and inter-agency cooperation. West Yost's success in supporting regional partnerships such as the Woodland-Davis Clean Water Agency, Stanislaus Regional Water Authority, and RiverArc Project demonstrates our ability to support agencies in developing equitable governance and cost-sharing mechanisms.**

### TASK 4.3 REGIONAL STRATEGIC VISION REPORT

The West Yost team will prepare a Conceptual Regional Strategic Vision Report that documents the strategy development process completed in Tasks 1 through 4, provides the Regional Strategic Vision Statement and goals, and references and generally describes the GIS Storymap®. This report will include an overview of the vision development process and conclusions relayed in a clear, graphics forward, and accessible manner to encourage and support understanding and review by elected officials and the public. Technical details, such as the information included in MA reports generated under Task 2 and decisions made under Task 3, will be relayed through the Storymap®.

The West Yost team will prepare the draft report for VVWRA review along with the draft Storymap®. Following this review period, our team will meet with VVWRA to receive comments. A final report and Storymap® will be prepared based on input received.

#### Assumptions

- The Strategy Alignment Workshops (3&4) will be four (4) hours in length. Up to three (3) West Yost team members will participate in person, and an additional three (3) West Yost team members will participate virtually.
- VVWRA and MA staff will all participate in the Strategy Alignment Workshops in person.
- VVWRA staff will review the draft Asset Buildout Strategy Report and GIS Storymap within two weeks.
- VVWRA staff will obtain and share the necessary ArcGIS Online licenses for their staff to view draft (non-publicly available) versions of the StoryMap.

#### Deliverables

- Strategic Growth & Build-Out Plan (Report + GIS Storymap)
- Digital presentation of the proposed strategic vision for future use

### Task 5. Project Management

West Yost's Project Manager will perform project management related activities, including project initiation and internal team kickoff, general project coordination, preparation of a Project Management Plan, and development and review of monthly project invoices. In addition, in accordance with the West Yost Quality Assurance/Quality Control (QA/QC) policy, a West Yost staff member at the Principal Engineer level or higher will review significant work products. This task includes coordination of these QA/QC efforts.

The West Yost team will also conduct a kickoff meeting with VVWRA staff. The West Yost team will prepare an agenda and meeting minutes for this meeting.

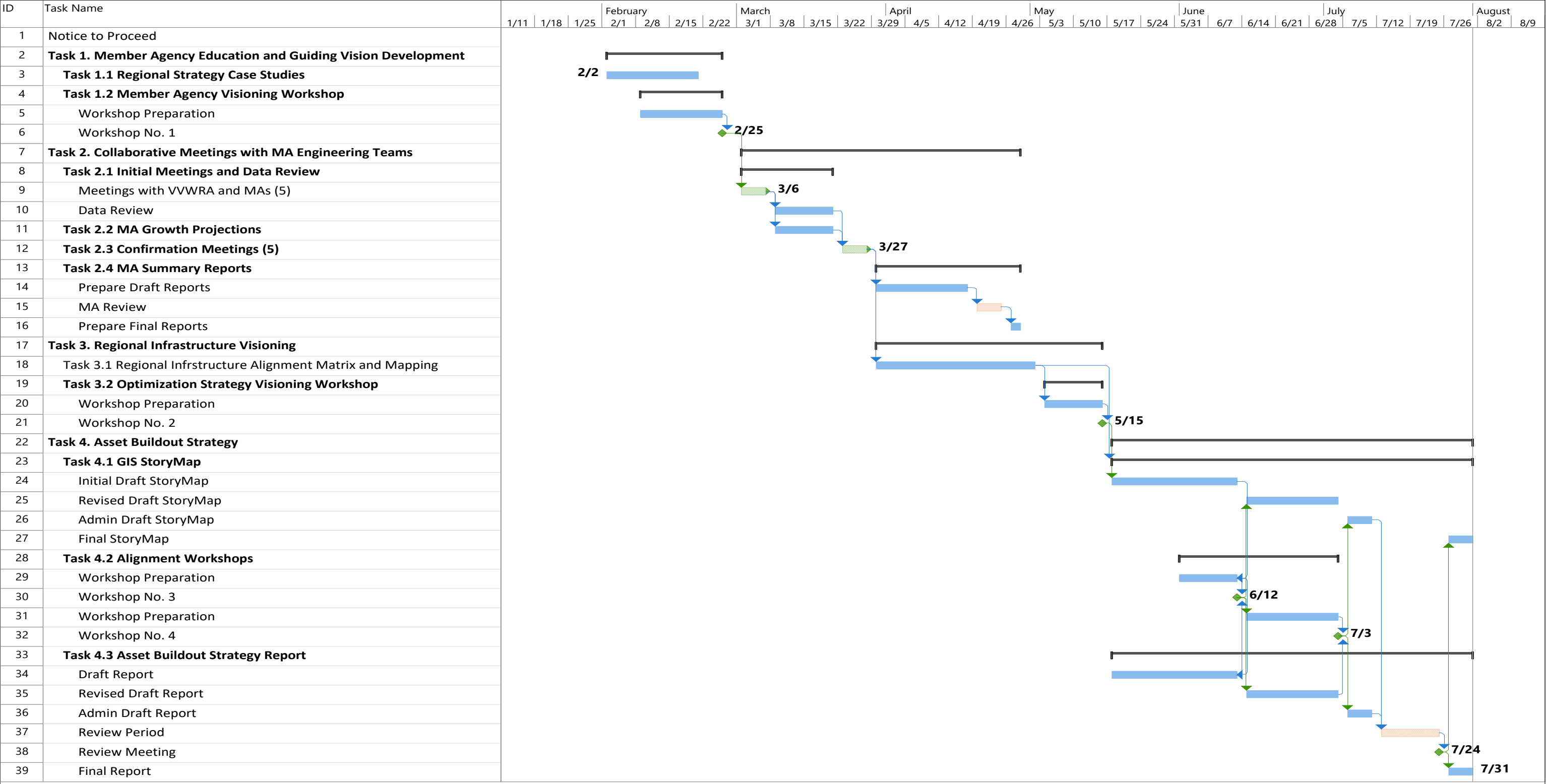
#### Assumptions

- Project duration will be six months in length.
- The kickoff meeting will be one hour in length and be held virtually.

#### Deliverables

- Monthly invoices and descriptions of services performed in PDF format.

Schedule



8. Fee Proposal

VVWRA has established a maximum lump-sum contract budget of \$300,000, inclusive of a 10 percent contingency, for the Strategic Vision Project. In developing our fee proposal, West Yost structured our work plan, staffing levels, and task sequencing to align with this defined budget while delivering the full scope of services requested in the RFP and Exhibit A. Our proposed fee provides a clear, task-based breakdown of labor hours and direct costs, reflecting the level of effort necessary to meet VVWRA's project goals, maintain momentum throughout the six-month schedule, and support collaborative engagement with Member Agencies. We also include hourly rates for Additional Services, which may be authorized by VVWRA if needed.

| West Yost Associates                   |                                                        | EM/SM/GM II<br>\$387<br>Kathryn G | EM/SM/GM I<br>\$387<br>Nate C | EM/SM/GM I<br>\$370<br>Abigal M. | PE/PS/PG II<br>\$355<br>Rhodora B | PE/PS/PG II<br>\$355<br>Patrick J | VP<br>\$392<br>Lindsay S | PE/PS/PG I<br>\$333<br>Carolina S | STS I<br>\$320<br>Sheri L | TS II<br>\$231<br>Joe B | TS I<br>\$206<br>David G | AE/AS/AG II<br>\$265<br>Josh S | ESG II<br>\$221<br>Mika M | TA II<br>\$176<br>Manny | ADM IV<br>\$176 | VP<br>\$392<br>Chuck G | Labor |            | Costs        |             |
|----------------------------------------|--------------------------------------------------------|-----------------------------------|-------------------------------|----------------------------------|-----------------------------------|-----------------------------------|--------------------------|-----------------------------------|---------------------------|-------------------------|--------------------------|--------------------------------|---------------------------|-------------------------|-----------------|------------------------|-------|------------|--------------|-------------|
|                                        |                                                        |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        | Hours | Fee        | Other Direct | Total Costs |
| PROJECT: Strategic Vision Project      |                                                        |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| Task 1                                 | Member Agency Education and Guiding Vision Development |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| 1.01 Regional Strategy Case Studies    |                                                        |                                   | 24                            | 4                                |                                   |                                   |                          |                                   |                           |                         | 8                        | 8                              | 8                         |                         |                 |                        | 52    | \$ 16,304  |              | \$ 16,304   |
| 1.02 MA Collaborative Workshop No. 1   |                                                        | 8                                 | 16                            | 40                               |                                   |                                   |                          |                                   |                           |                         | 16                       |                                |                           |                         |                 |                        | 80    | \$ 27,384  | \$ 1,500     | \$ 28,884   |
| Subtotal, Task 1 (hours)               |                                                        | 8                                 | 40                            | 44                               | 0                                 | 0                                 | 0                        | 0                                 | 0                         | 0                       | 24                       | 8                              | 8                         | 0                       | 0               | 0                      | 132   |            |              |             |
| Subtotal, Task 1 (\$)                  |                                                        | \$ 3,096                          | \$ 15,480                     | \$ 16,280                        |                                   |                                   |                          |                                   |                           |                         | \$ 4,944                 | \$ 2,120                       | \$ 1,768                  |                         |                 |                        |       | \$ 43,688  | \$ 1,500     | \$ 45,188   |
|                                        |                                                        |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| Task 2                                 | Collaborative Meetings with MA Engineering Teams       |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| 2.01 Initial Meetings and Data Review  |                                                        | 10                                |                               |                                  | 10                                | 10                                |                          |                                   |                           | 8                       |                          | 6                              | 6                         | 12                      |                 |                        | 62    | \$ 17,846  |              | \$ 17,846   |
| 2.02 MA Growth Projections             |                                                        | 2                                 |                               |                                  | 4                                 | 4                                 |                          |                                   |                           |                         |                          | 6                              | 10                        |                         |                 |                        | 26    | \$ 7,414   |              | \$ 7,414    |
| 2.03 Confirmation Meetings             |                                                        | 10                                |                               |                                  | 16                                | 16                                |                          |                                   |                           |                         |                          | 8                              |                           |                         |                 |                        | 50    | \$ 17,350  |              | \$ 17,350   |
| 2.04 MA Summary Reports                |                                                        | 8                                 |                               |                                  | 24                                | 24                                |                          |                                   |                           |                         |                          | 20                             | 24                        |                         | 12              | 4                      | 116   | \$ 34,420  |              | \$ 34,420   |
| Subtotal, Task 2 (hours)               |                                                        | 30                                | 0                             | 0                                | 54                                | 54                                | 0                        | 0                                 | 0                         | 8                       | 0                        | 40                             | 40                        | 12                      | 12              | 4                      | 254   |            |              |             |
| Subtotal, Task 2 (\$)                  |                                                        | \$ 11,610                         |                               |                                  | \$ 19,170                         | \$ 19,170                         |                          |                                   |                           | \$ 1,848                |                          | \$ 10,600                      | \$ 8,840                  | \$ 2,112                | \$ 2,112        | \$ 1,568               |       | \$ 77,030  |              | \$ 77,030   |
|                                        |                                                        |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| Task 3                                 | Regional Infrastructure Visioning                      |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| Regional Infrastructure Alignment      |                                                        | 6                                 |                               |                                  | 12                                | 12                                |                          |                                   |                           | 14                      |                          | 12                             | 12                        |                         |                 |                        | 68    | \$ 19,908  |              | \$ 19,908   |
| 3.01 Matrix and Mapping                |                                                        |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| Optimization Strategy Visioning        |                                                        | 12                                |                               | 16                               | 8                                 | 8                                 |                          | 4                                 |                           | 2                       | 8                        | 8                              | 8                         |                         |                 |                        | 74    | \$ 23,574  | \$ 1,000     | \$ 24,574   |
| 3.02 Workshop No. 2                    |                                                        |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| Subtotal, Task 3 (hours)               |                                                        | 18                                | 0                             | 16                               | 20                                | 20                                | 0                        | 4                                 | 0                         | 16                      | 8                        | 20                             | 20                        | 0                       | 0               | 0                      | 142   |            |              |             |
| Subtotal, Task 3 (\$)                  |                                                        | \$ 6,966                          |                               | \$ 5,920                         | \$ 7,100                          | \$ 7,100                          |                          | \$ 1,332                          |                           | \$ 3,696                | \$ 1,648                 | \$ 5,300                       | \$ 4,420                  |                         |                 |                        |       | \$ 43,482  | \$ 1,000     | \$ 44,482   |
|                                        |                                                        |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| Task 4                                 | Asset Buildout Strategy                                |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| 4.01 GIS StoryMap                      |                                                        | 6                                 |                               |                                  | 12                                | 12                                |                          |                                   |                           | 36                      |                          | 12                             |                           | 8                       |                 |                        | 86    | \$ 23,746  |              | \$ 23,746   |
| 4.02 Strategy Alignment Workshop No. 3 |                                                        | 12                                |                               | 16                               | 14                                | 14                                | 12                       | 4                                 | 2                         | 2                       | 8                        | 12                             |                           |                         |                 |                        | 96    | \$ 32,470  | \$ 1,000     | \$ 33,470   |
| 4.03 Strategy Alighment Workshop No. 4 |                                                        | 12                                |                               | 16                               | 8                                 | 8                                 |                          |                                   |                           | 2                       | 8                        | 12                             |                           |                         |                 |                        | 66    | \$ 21,534  | \$ 1,000     | \$ 22,534   |
| 4.04 Regional Strategic Visioin Report |                                                        | 12                                |                               |                                  | 16                                | 16                                | 8                        | 8                                 | 2                         | 12                      |                          | 18                             | 24                        | 20                      | 20              | 6                      | 162   | \$ 44,682  |              | \$ 44,682   |
| Subtotal, Task 4 (hours)               |                                                        | 42                                | 0                             | 32                               | 50                                | 50                                | 20                       | 12                                | 4                         | 52                      | 16                       | 54                             | 24                        | 28                      | 20              | 6                      | 410   |            |              |             |
| Subtotal, Task 4 (\$)                  |                                                        | \$ 16,254                         |                               | \$ 11,840                        | \$ 17,750                         | \$ 17,750                         | \$ 7,840                 | \$ 3,996                          | \$ 1,280                  | \$ 12,012               | \$ 3,296                 | \$ 14,310                      | \$ 5,304                  | \$ 4,928                | \$ 3,520        | \$ 2,352               |       | \$ 122,432 | \$ 2,000     | \$ 124,432  |
|                                        |                                                        |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| Task 5                                 | Project Management                                     |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| 5.01 General Coordination              |                                                        | 20                                | 2                             |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         | 2               |                        | 24    | \$ 8,866   |              | \$ 8,866    |
| Subtotal, Task 5 (hours)               |                                                        | 20                                | 2                             | 0                                | 0                                 | 0                                 | 0                        | 0                                 | 0                         | 0                       | 0                        | 0                              | 0                         | 0                       | 2               | 0                      | 24    |            |              |             |
| Subtotal, Task 5 (\$)                  |                                                        | \$ 7,740                          | \$ 774                        |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         | \$ 352          |                        |       | \$ 8,866   |              | \$ 8,866    |
|                                        |                                                        |                                   |                               |                                  |                                   |                                   |                          |                                   |                           |                         |                          |                                |                           |                         |                 |                        |       |            |              |             |
| TOTAL (hours)                          |                                                        | 118                               | 42                            | 92                               | 124                               | 124                               | 20                       | 16                                | 4                         | 76                      | 48                       | 122                            | 92                        | 40                      | 34              | 10                     | 962   |            |              |             |
| TOTAL (\$)                             |                                                        | \$ 45,666                         | \$ 16,254                     | \$ 34,040                        | \$ 44,020                         | \$ 44,020                         | \$ 7,840                 | \$ 5,328                          | \$ 1,280                  | \$ 17,556               | \$ 9,888                 | \$ 32,330                      | \$ 20,332                 | \$ 7,040                | \$ 5,984        | \$ 3,920               |       | \$ 295,498 | \$ 4,500     | \$ 299,998  |



2026 Billing Rate Schedule

(Effective January 1, 2026, through December 31, 2026)\*

| POSITIONS                                                 | LABOR CHARGES (DOLLARS PER HOUR) |   |       |                 |
|-----------------------------------------------------------|----------------------------------|---|-------|-----------------|
| ENGINEERING                                               |                                  |   |       |                 |
| Principal/Vice President                                  | \$369                            |   |       |                 |
| Engineer/Scientist/Geologist Manager I / II               | \$351                            | / | \$365 |                 |
| Principal Engineer/Scientist/Geologist I / II             | \$316                            | / | \$333 |                 |
| Senior Engineer/Scientist/Geologist I / II                | \$280                            | / | \$292 |                 |
| Associate Engineer/Scientist/Geologist I / II             | \$234                            | / | \$249 |                 |
| Engineer/Scientist/Geologist I / II / III                 | \$179                            | / | \$210 | / \$212         |
| Engineering Aide                                          | \$110                            |   |       |                 |
| Field Monitoring Services                                 | \$137                            |   |       |                 |
| Administrative I / II / III / IV                          | \$98                             | / | \$125 | / \$152 / \$167 |
| ENGINEERING TECHNOLOGY                                    |                                  |   |       |                 |
| Engineering Tech Manager I / II                           | \$361                            | / | \$365 |                 |
| Principal Tech Specialist I / II                          | \$331                            | / | \$344 |                 |
| Senior Tech Specialist I / II                             | \$301                            | / | \$317 |                 |
| Senior GIS Analyst                                        | \$276                            |   |       |                 |
| GIS Analyst                                               | \$260                            |   |       |                 |
| Technical Specialist I / II / III / IV                    | \$194                            | / | \$218 | / \$248 / \$277 |
| Technical Analyst I / II                                  | \$140                            | / | \$167 |                 |
| Technical Analyst Intern                                  | \$112                            |   |       |                 |
| Cross-Connection Control Specialist I / II / III / IV     | \$145                            | / | \$158 | / \$176 / \$197 |
| CAD Manager                                               | \$221                            |   |       |                 |
| CAD Designer I / II                                       | \$170                            | / | \$191 |                 |
| CONSTRUCTION MANAGEMENT                                   |                                  |   |       |                 |
| Senior Construction Manager                               | \$354                            |   |       |                 |
| Construction Manager I / II / III / IV                    | \$208                            | / | \$224 | / \$238 / \$301 |
| Resident Inspector (Prevailing Wage Groups 4 / 3 / 2 / 1) | \$189                            | / | \$210 | / \$233 / \$242 |
| Apprentice Inspector                                      | \$170                            |   |       |                 |
| CM Administrative I / II                                  | \$91                             | / | \$123 |                 |
| Field Services                                            | \$244                            |   |       |                 |

- Charges for technology and communication, including general and CAD computer software, telephone calls, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses, will be billed at 6% of West Yost labor.
- Outside services, such as vendor reproductions, prints, and shipping; major West Yost reproduction efforts; as well as engineering supplies, etc., will be billed at the actual cost plus 15%.
- The Federal Mileage Rate will be used for mileage charges and will be based on the Federal Mileage Rate applicable to when the mileage costs were incurred. Travel other than mileage will be billed at cost.
- Subconsultants will be billed at actual cost plus 10%.
- Expert witness services, research, technical review, analysis, preparation, and meetings will be billed at 150% of standard hourly rates. Expert witness testimony and depositions will be billed at 200% of standard hourly rates.
- A finance charge of 1.5% per month (an annual rate of 18%) on the unpaid balance will be added to invoice amounts if not paid within 45 days from the date of the invoice.

\* This schedule is updated annually

Equipment Charges

| EQUIPMENT                                      | BILLING RATES  |
|------------------------------------------------|----------------|
| 2" Purge Pump & Control Box                    | \$300 / day    |
| Aquacalc / Pygmy or AA Flow Meter              | \$28 / day     |
| Emergency SCADA System                         | \$35 / day     |
| Field Vehicles (Groundwater)                   | \$200 / day    |
| Gas Detector                                   | \$80 / day     |
| Generator                                      | \$60 / day     |
| Hydrant Pressure Gauge                         | \$10 / day     |
| Hydrant Pressure Recorder, Impulse (Transient) | \$55 / day     |
| Hydrant Pressure Recorder, Standard            | \$40 / day     |
| Low Flow Pump Back Pack                        | \$135 / day    |
| Low Flow Pump Controller                       | \$200 / day    |
| Powers Water Level Meter                       | \$32 / day     |
| Precision Water Level Meter 300ft              | \$30 / day     |
| Precision Water Level Meter 500ft              | \$40 / day     |
| Precision Water Level Meter 700ft              | \$45 / day     |
| QED Sample Pro Bladder Pump                    | \$65 / day     |
| Skydio 2+ Drone (2 hour minimum)               | \$100 / hour   |
| Storage Tank                                   | \$20 / day     |
| Sump Pump                                      | \$24 / day     |
| Transducer Communications Cable                | \$10 / day     |
| Transducer Components (per installation)       | \$23 / day     |
| Trimble GPS – Geo 7x                           | \$220 / day    |
| Tube Length Counter                            | \$22 / day     |
| Turbidity Meter                                | \$30 / day     |
| Turbidity Meter (2100Q Portable)               | \$35 / day     |
| Vehicle (Construction Management)              | \$18.75 / hour |
| Water Flow Probe Meter                         | \$20 / day     |
| Water Quality Meter                            | \$50 / day     |
| Water Quality Multimeter                       | \$185 / day    |
| Well Sounder                                   | \$30 / day     |

# 11. Other Information

## Experience with the Victor Valley Wastewater Reclamation Authority (VWVRA)

West Yost has been working closely with VWVRA since 2021, supporting the Authority’s efforts to strengthen regional collaboration, expand recycled water use, and develop long-term strategies for sustainable wastewater and water resource management in the Mojave Basin.

Our partnership with VWVRA has focused on translating the Authority’s regional goals into actionable planning frameworks. We have collaborated with VWVRA’s engineering and environmental compliance teams to advance the **Mojave Basin One Water concept**, integrating wastewater, recycled water, groundwater, and stormwater management into a unified approach for regional sustainability.

West Yost developed the initial problem statement and feasibility framework for the Palisades Ranch Recycled Water and Recharge Project, an initiative to convey recycled water north of the treatment plant for habitat restoration and targeted groundwater recharge. This work included hydrologic, regulatory, and partnership assessments with the California Department of Fish and Wildlife (CDFW), the Mojave Water Agency (MWA), and the Mojave Desert Resource Conservation District (MDRCD).

Our team has also supported VWVRA’s pursuit of state and federal grant funding, helping shape the scope and materials for applications under the State’s Regional Resilience Grant Program (RRGP). In parallel, we’ve provided facilitation and technical input to align the Authority’s long-term infrastructure needs with its member agencies’ planning horizons and growth projections.

Through this ongoing collaboration, West Yost has developed a deep understanding of VWVRA’s operational context, governance structure, and vision for the Victor Valley. Our experience positions us to help VWVRA and its partners move from planning toward implementation, building a shared roadmap for resilient, regional wastewater and recycled water management.

| Table 2. West Yost’s VVRWA Experience      |                                                                                |                       |
|--------------------------------------------|--------------------------------------------------------------------------------|-----------------------|
| Project                                    | Description                                                                    | Start and End Dates   |
| Shallow-Groundwater Characterization Study | Evaluated shallow groundwater conditions to inform resource management.        | 4/1/2021 - 6/30/2021  |
| Regional Recycled Water Strategic Plan     | Developed long-range plan for regional recycled water program expansion.       | 3/1/2023 - 12/1/2023  |
| OneWater Workplan and OPR Application      | Outlined integrated water strategy and submits required program documentation. | 7/19/2023 - 6/30/2024 |
| OneWater Adaptation Grant Application      | Funding support for integrated water-resilience initiatives.                   | 5/1/2024 - 11/30/2024 |



- West Yost has been evaluated by our internal team and externally by third-party evaluators:
- **Great Place to Work®** Certified three years in a row.
  - In 2025, 94% of West Yost team members feel that we are consistently a great place to work.
  - Environmental Recognition Award, Business Category, City of Davis, Natural Resources Commission.
  - Ranked highest against competitors in the Corporate Responsibility categories by the City of Portland’s Bureau of Environmental Services in a proposal competition.

## Community Involvement and Strategic Communications

At West Yost, we see technical excellence and community care as inseparable. Whether we are engineering resilient infrastructure or volunteering in our neighborhoods, we strive to make a difference that lasts.

West Yost’s team members are provided paid time off work to actively participate in a variety of community service activities, and, as a company, we make contributions to many non-profit organizations that serve a widely diverse community. Our charitable giving is focused on organizations consistent with our purpose and reinforce our commitment to sustainability, stewardship in all the communities where we live and work, and upstream investments in science, technology, engineering, and mathematics (STEM).

We are proud to share that West Yost has been recognized with **PSMJ’s 2025 AEC Building a Better World Award**, honoring firms that demonstrate an exceptional commitment to making a positive impact through their work, their people, and their community engagement. This award means a great deal to us because it reflects what we’ve long believed: that being a leader in water resources is not just about the projects we deliver, but about the values we live every day. Being recognized with the Building a Better World Award reinforces what we experience every day at West Yost: that purpose-driven work leads to lasting change.

This recent recognition builds on a long history of giving back. In celebration of our 30th anniversary in 2020, we launched a yearlong giving campaign that supported more than 40 charitable organizations across the West – including contributions to local food banks across the state. In 2024, we contributed more than 400 volunteer hours and \$12,000 in wildfire relief, supporting communities that have faced devastating loss and rebuilding. Finally, as we mark our 35th year in 2025, we are continuing our legacy of giving back in new and meaningful ways. West Yost reached out to a broad group of our clients to learn which organizations in their communities are making a meaningful impact. Based on their input, we'll be making end-of-year donations in their honor. In addition, each of our offices contributed a half day of community service benefitting organizations such as Yolo Food Bank, Sacramento Food Bank and Family Services, and many others.

These gestures of gratitude honor the people and places that inspire us and represent the heart of who we are as a firm, one deeply rooted in service, sustainability, and connection. This commitment to helping our local communities speaks to the dedication and desire our team has in making a difference in the places where we live and work. At West Yost, we are not just solving water challenges. We are building a better world, one project, one partnership, and one act of service at a time.

### Real-Time Project Resource Management and Tracking

Delivery of a high-quality project requires us to meet all the project requirements including on-time and on-budget delivery. This requires project planning, open and consistent communication between the Authority and West Yost, execution of the project management plan, and the ability to implement changes when the project requires adjustment. The discussion below presents the tools and resources we used to provide these assurances.

It is important that there is continuity with the team members that are assigned to your work. West Yost has committed some of our most experienced personnel and will keep these people on your project for its duration. West Yost uses Deltek Vision accounting system that provides real-time project monitoring and reporting information. Timesheet entries and expense reports feed actual costs back into the project plan for an accurate rolling forecast that project managers use to make faster, more informed decisions to keep projects on track for budget and schedule.

The firm also uses Deltek Vision and Power BI to give project and task managers instant access to project status reports with tools for monitoring project progress, allowing them to visually assess workload and available capacity in real-time.

In the unforeseen circumstance that a staffing or schedule constraint does arise, **Kathryn Gies**, our teams Project Manager, and **Nate Cullen**, Principal-in-Charge, will work together to identify and bring in additional firm resources to address any concerns.

### SUCCESS STARTS WITH STRONG PLANNING

When the contract is signed, and prior to the start of the work for each project, the assigned project manager will develop a project management plan (PMP) that addresses the requirements of the project and includes the project scope, goals, schedule, team members' responsibilities, communication plan, change and risk management logs, contact information, and quality control plan. West Yost maintains two PMP templates that are sized for large and small projects, acknowledging that sometimes the PMP needs of smaller work can be different than what is needed for big projects.

### PROACTIVE PROJECT MANAGEMENT CONTROLS

The firm implements comprehensive project management processes including:

- Monthly project reviews between project managers and firm principals on all active projects to review project status, identify issues, and develop strategies to keep projects on track.
- Maintains resource-loaded baseline schedules that reflect the detailed work activities and staffing. Our active schedule management facilitates early detection of capacity or schedule issues so that corrective actions can be implemented before any issues arise.
- Action item and decision logs to maintain momentum and accurately record important details at the end of every meeting, helping monitor the status of critical assignments that affect timely work progress.

### QUALITY ASSURANCE AND QUALITY CONTROL

West Yost maintains a robust Quality Assurance/Quality Control program for both preventing issues from developing as well as identifying potential issues. In addition to incorporating sound engineering judgment in the development of our engineering products, West Yost will implement and maintain the following quality control procedures during this project: Deliverable-Specific Checklists ensuring projects adhere to stringent technical standards. All work products (reports, figures, and calculations) will be reviewed internally by senior staff not directly involved in the project.

Maintaining excellent communication between the Authority and our project manager will be the single most important factor to ensure the needs of the Authority are being met.

### EFFICIENT AND TIMELY STAFFING AND COMPLETION

West Yost consistently delivers projects efficiently, on schedule, and within budget. While this effort is not an on-call contract, our experience managing 80+ active on-call programs demonstrates our ability to mobilize teams, manage complexity, and maintain accountability. These same skills will keep the Strategic Vision Project on track, within scope, and aligned with VVWRA's goals.

WE SUPPORT OUR COMMUNITIES  
WE ARE WATER FOCUSED  
WE TAKE PRIDE IN WHAT WE DO  
WE STRIVE TO BECOME OUR BEST  
WE DO WHAT'S RIGHT  
WE BELIEVE IN QUALITY  
WE LISTEN  
WE SOLVE CHALLENGING PROBLEMS  
WE SEE THE BIGGER PICTURE  
WE TAKE OWNERSHIP  
WE COLLABORATE  
WE HAVE FUN  
WE ARE WEST YOST





# VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

## Board Of Commissioners Staff Report

**TO:** VWVRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Latif Laari, Environmental Compliance Manager

**DATE:** 01/29/2026

**SUBJECT:** **Recommendation to Authorize the General Manager to Award a Contract to The National Coating & Lining Company for the Rehabilitation of Twenty (20) Manholes in the Amount of \$130,100.00 with an Additional Contingency of \$26,020.00 to Cover Unforeseen Costs, for a Total Not-To-Exceed Amount of \$156,120.00**

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**Fiscal Impact** Yes

**Account Code:** 01-02-000-9000-9999 R177

**Funds Budgeted/ Approved:** Yes

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### STAFF RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to award a contract to National Coating & Lining Company for the rehabilitation of twenty (20) manholes in the amount of \$130,100.00, with an additional contingency of \$26,020.00 to cover unforeseen costs, for a total not-to-exceed amount of \$156,120.00, pending legal review of the agreement.

### PREVIOUS ACTION(S)

None

### BACKGROUND INFORMATION

In July 2020, Carollo Engineers completed a comprehensive Level 2 MACP (Manhole Assessment Certification Program) inspection of 62 sanitary sewer manholes along the Apple Valley Interceptor System. The assessment findings were significant and require immediate action:

- 58 of 62 inspected manholes (94%) were rated Grade 4 or Grade 5 for structural defects
- 5 manholes received the most critical Grade 5 rating, indicating severe structural failure risk

### Primary defects identified:

- Microbiologically Induced Corrosion (MIC) caused by hydrogen sulfide gas exposure
- Lining features: detachment and delamination
- Circumferential and longitudinal cracks
- Exposed reinforcement and aggregate
- Infiltration stain
- Structural voids and holes



This contract covers the rehabilitation of twenty (20) critical manholes identified in Phase 1 of the phased rehabilitation program. The selected manholes represent the first batch of critical manholes with Grade 5 ratings and highest-priority Grade 4 defects. Staff issued a Request for Quote (RFQ) on Planetbids on October 14, 2025, and received two responsive and responsible bids by November 3, 2025.

| Company                             | Proposed Cost            |
|-------------------------------------|--------------------------|
| Parada Painting Inc                 | \$423,500.00             |
| National Coating and Lining Company | \$130,100.00 (Exhibit 1) |

Staff evaluated the bids received and determined that the submission from National Coating & Lining Company is responsive, meets all RFQ requirements, and represents the lowest responsive and responsible bidder.

Upon satisfactory completion of this work, VVWRA staff will seek approval from the board to proceed with National Coating & Lining Company to rehabilitate the remaining manholes.

It is recommended that the Board of Commissioners authorize the General Manager to award a contract to National Coating & Lining Company for the rehabilitation of twenty (20) manholes in the amount of \$130,100.00, with an additional contingency of \$26,020.00 to cover unforeseen costs, for a total not-to-exceed amount of \$156,120.00, pending legal review of the agreement

---

### Attachments

Exhibit 1: Proposal



**SoCal Pacific Construction Corp dba  
National Coating & Lining Company**

26713 Madison Ave  
Murrieta, CA 92562  
Telephone: (951) 471-3388  
Fax: (951) 471-3779  
www.nc-lc.com

November 5, 2025

DIR Registration #1000013795

## Victor Valley Wastewater Reclamation Authority

Attention: Daniel Enriquez

Quote No: NCLC7996

Regarding: Lining of (20) existing 48" manholes avg depth 12.1' in place, located at HWY 18, Apple Valley California.

Scope: Hydroblast structure interiors @ 5,000 PSI to remove contamination, apply high early mortar as needed to restore surface, followed by 125 mils Raven 405 per manufacturer's instructions. Spark test while on site @ 12,500 volts and repair as needed.

### Price Schedule

(20) 48" x 12.1' Rehab & MH Linings @ \$6,505.00 each: \$130,100.00

**Total Quote: \$130,100.00**

**If bid bond is required please add 2% \$2,602.00 to total quote**

Note: Includes Existing Coating Removal. This proposal is valid for 60 days.

Exceptions/Exclusions to above bid are as noted: sewer by-pass or diversion, all rebar repair and replacement, water infiltration, re-channeling, manhole location and excavation, manhole ring & cover replacement, construction water, third party inspection cost, storm water compliance and all other work not listed in scope. Drive up access is required.

Payment Terms Net 30 days based on progress billings from the date of our invoice.

Sincerely,  
Ben Castino  
Cell: (951) 319-1029  
Email: bcastino@nc-lc.com

If this quote, all pricing, requirements, terms and conditions are acceptable, sign below indicating your acceptance and authorization for SoCal Pacific Construction Corp. dba National Coating & Lining Co. to complete the work described in this quotation.

AGREED AND ACCEPTED:

Company Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name/Title: \_\_\_\_\_ Signature: \_\_\_\_\_

| Item # | Manhole ID | Overall MACP Rating | Depth (rim to invert) ft | Diameter inch | Current Manhole Lining | Recommendation                                                                   | Traffic Control Needed | Composite Lid & Frame Needed | Proposed Cost          |               |
|--------|------------|---------------------|--------------------------|---------------|------------------------|----------------------------------------------------------------------------------|------------------------|------------------------------|------------------------|---------------|
| 1      | 69         | Grade 4             | 14.8                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | No                           | \$ 6,505.00            |               |
| 2      | 68         | Grade 4             | 13.4                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | No                           | \$ 6,505.00            |               |
| 3      | 67         | Grade 4             | 14                       | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | No                           | \$ 6,505.00            |               |
| 4      | 66         | Grade 4             | 15.3                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | No                           | \$ 6,505.00            |               |
| 5      | 65         | Grade 5             | 15.5                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | No                           | \$ 6,505.00            |               |
| 6      | 64         | Grade 4             | 11                       | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | No                           | \$ 6,505.00            |               |
| 7      | 63         | Grade 4             | 11.7                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 8      | 60         | Grade 5             | 8.6                      | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | No                           | \$ 6,505.00            |               |
| 9      | 59         | Grade 4             | 7.2                      | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 10     | 58         | Grade 4             | 8.4                      | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 11     | 57         | Grade 4             | 9.4                      | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 12     | 56         | Grade 4             | 7.5                      | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 13     | 55         | Grade 4             | 5.9                      | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 14     | 54         | Grade 4             | 10.3                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 15     | 53         | Grade 4             | 13.4                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 16     | 52         | Grade 4             | 17.1                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 17     | 51         | Grade 4             | 18.5                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 18     | 49         | Grade 4             | 16.6                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 19     | 48         | Grade 4             | 14.2                     | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
| 20     | 46         | Grade 4             | 9.6                      | 48            | Epoxy                  | Remove the existing lining and install a new epoxy lining to include the channel | No                     | Yes                          | \$ 6,505.00            |               |
|        |            |                     |                          |               |                        |                                                                                  |                        |                              |                        |               |
|        |            |                     |                          |               |                        |                                                                                  |                        |                              | Taxes (if applicable)  | TBD           |
|        |            |                     |                          |               |                        |                                                                                  |                        |                              | Other (Bond if needed) | \$ 2,602.00   |
|        |            |                     |                          |               |                        |                                                                                  |                        |                              | Total                  | \$ 130,100.00 |



## VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

### Board Of Commissioners Staff Report

**TO:** VVWRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Latif Laari, Environmental Compliance Manager

**DATE:** 01/29/2026

**SUBJECT:** **Recommendation to Authorize the General Manager to Approve a Sole-source Purchase of Fortinet WIFI Components for The WIFI Upgrade Project From Netgain Networks, Inc., in the amount of \$81,470.37.**

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**Fiscal Impact** Yes

**Account Code:** 01-02-545-8025-9999

**Funds Budgeted/ Approved:** Yes

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### STAFF RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to approve a sole-source purchase of Fortinet WiFi components for the WiFi Upgrade Project from Netgain Networks, Inc., in the amount of \$81,470.37

### PREVIOUS ACTION(S)

None

### BACKGROUND INFORMATION

VVWRA's existing Wi-Fi infrastructure consists of Ubiquity equipment that was installed approximately 15 years ago. This legacy system has become obsolete and no longer meets the operational and cybersecurity requirements of VVWRA. The primary concern with the current Ubiquity network is its incompatibility with VVWRA's recently upgraded network infrastructure. In 2020, VVWRA upgraded its firewall and network switches to Fortinet solutions to enhance cybersecurity, reliability, and performance. The existing Ubiquity Wi-Fi system does not integrate effectively with these Fortinet devices, creating operational challenges and limiting the full benefits of the firewall and switch upgrades.

### Operational Benefits of Modern Wi-Fi at Wastewater Treatment Facilities

Reliable and secure Wi-Fi connectivity plays a critical role in supporting modern wastewater treatment operations. Up-to-date wireless infrastructure enables:

- Field mobility and remote access for operators, maintenance staff, and instrumentation technicians using tablets or handheld devices to view SCADA dashboards, enter inspection data, or review SOPs in real time.
- Enhanced communication and safety through better connectivity for mobile radios, alarms, and emergency notification systems across plant areas.
- Integration with smart instrumentation and IoT devices, supporting data collection from sensors, analyzers, and equipment that communicate via wireless protocols.

- Improved efficiency and responsiveness for troubleshooting, as staff can access live system information without returning to control rooms.
- Support for future technology expansion, such as wireless surveillance cameras, asset tracking, and condition monitoring systems.

### **Proposed Solution**

Upgrading to Fortinet Wi-Fi components will:

- Provide seamless integration with the existing Fortinet firewall and switch infrastructure
- Ensure unified network management and security policies across all wireless access points
- Improve system reliability and performance
- Enable modern security protocols and monitoring capabilities
- Support the Authority's operational and technical requirements

### **Financial Impact**

The total project cost is \$81,470.37 (**Exhibit 1**), which includes the Fortinet Wi-Fi components and associated equipment necessary for implementation.

### **Sole-Source Justification**

Netgain Networks, Inc. has been selected as the sole-source vendor for this project due to its expertise with Fortinet solutions and its established relationship with VVWRA. This approach streamlines procurement, ensures compatibility verification, and supports continuity of network management. (**Exhibit 2**)

It is recommended that the Board of Commissioners authorize the General Manager to approve a sole-source purchase of Fortinet WiFi components for the WiFi Upgrade Project from Netgain Networks, Inc., in the amount of \$81,470.37

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### **Attachments**

Exhibit 1: Proposal  
Exhibit 2 Sole Source Letter



## Wi-Fi Upgrades (Material Only)

Quote #FB008010 v1

**Prepared For:**

**Victor Valley Wastewater (VWWRA)**

Latif Laari  
20111 Shay Rd  
Victorville, CA 92394

**P:** (760) 246-8638

**E:** llaari@vwwra.com

**Prepared By:**

**Netgain Networks Inc.**

Fernando Borja  
8378 Attica Dr  
Riverside, CA 92508

**P:** (855) 667-2364 opt.4

**E:** fernando@netgainnetworks.com

**Date Issued:**

**01.19.2026**

**Expires:**

**04.10.2026**

| O&M Building          |                                                                                                                                                                                                                                                                 | Price      | Qty | Ext. Price        |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|-------------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/be/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29   | 4   | \$3,589.16        |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                   | \$122.29   | 4   | \$489.16          |
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A                                                                                | \$995.65   | 2   | \$1,991.30        |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                                                                                                   | \$135.88   | 2   | \$271.76          |
| FS-124G-FPOE          | Fortinet FortiSwitch Ethernet Switch - 24 Ports - Manageable - Gigabit Ethernet, 2.5 Gigabit Ethernet, 10 Gigabit Ethernet - 1000Base-T, 2.5GBase-T, 1000Base-X, 10GBase-X - 2 Layer Supported - 880 W Power Consumption - 780 W PoE Budget - Twis              | \$1,290.05 | 1   | \$1,290.05        |
| FC-10-S24GF-247-02-12 | FortiSwitch-124G-FPOE 1 Year FortiCare Premium Support                                                                                                                                                                                                          | \$189.24   | 1   | \$189.24          |
| FN-CABLE-QSFP+ 3      | Fortinet 40 GE QSFP+ Passive Direct Attach Cable 3m - 9.84 ft Twinaxial Network Cable for Network Device, Transceiver, Module - 40 Gbit/s - 30 AWG                                                                                                              | \$119.28   | 1   | \$119.28          |
| Mounting Kit          | External mounting Kit                                                                                                                                                                                                                                           | \$299.99   | 1   | \$299.99          |
| Conduit               | Conduit kit                                                                                                                                                                                                                                                     | \$199.99   | 1   | \$199.99          |
| Miscellaneous         | Consumables                                                                                                                                                                                                                                                     | \$99.00    | 1   | \$99.00           |
| WG-51921006           | CAT6 Shielded (F/UTP) Network Cable, Riser, CMR, FT4, 1000' (304.8m) Reel, Blue                                                                                                                                                                                 | \$486.29   | 1   | \$486.29          |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                                                                                                     | \$185.26   | 1   | \$185.26          |
| Subtotal              |                                                                                                                                                                                                                                                                 |            |     | <b>\$9,210.48</b> |

| Admin building        |                                                                                                                                                                                                                                                                 | Price      | Qty | Ext. Price |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/be/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29   | 4   | \$3,589.16 |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                   | \$122.29   | 4   | \$489.16   |
| FS-124G-FPOE          | Fortinet FortiSwitch Ethernet Switch - 24 Ports - Manageable - Gigabit Ethernet, 2.5 Gigabit Ethernet, 10 Gigabit Ethernet - 1000Base-T, 2.5GBase-T, 1000Base-X, 10GBase-X - 2 Layer Supported - 880 W Power Consumption - 780 W PoE Budget - Twis              | \$1,290.05 | 1   | \$1,290.05 |

| Admin building        |                                                                                                                                                    | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FC-10-S24GF-247-02-12 | FortiSwitch-124G-FPOE 1 Year FortiCare Premium Support                                                                                             | \$189.24 | 1   | \$189.24          |
| FN-CABLE-QSFP+3       | Fortinet 40 GE QSFP+ Passive Direct Attach Cable 3m - 9.84 ft Twinaxial Network Cable for Network Device, Transceiver, Module - 40 Gbit/s - 30 AWG | \$119.28 | 1   | \$119.28          |
| Miscellaneous         | Consumables                                                                                                                                        | \$99.00  | 1   | \$99.00           |
| WG-51921006           | CAT6 Shielded (F/UTP) Network Cable, Riser, CMR, FT4, 1000' (304.8m) Reel, Blue                                                                    | \$486.29 | 1   | \$486.29          |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                        | \$143.72 | 1   | \$143.72          |
|                       |                                                                                                                                                    | Subtotal |     | <b>\$6,405.90</b> |

| ADM Building          |                                                                                                                                                                                                                   | Price      | Qty | Ext. Price        |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A                                  | \$995.65   | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                                                     | \$135.88   | 1   | \$135.88          |
| FSR-216F-POE          | FortiSwitchRugged-216F-POE Layer 2/3 ruggedized FortiGate switch controller compatible PoE switch with 16 x 10M/100M/1GE RJ45 PoE 802.3bt type 4 (90W) with maximum 240W limit, and 4 x 1G/10GE SFP+. IP40 rating | \$3,817.48 | 1   | \$3,817.48        |
| FC-10-SR16F-247-02-12 | FortiSwitchRugged-216F-POE 1 Year FortiCare Premium Support                                                                                                                                                       | \$482.37   | 1   | \$482.37          |
| Miscellaneous         | Consumables                                                                                                                                                                                                       | \$99.00    | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                                                       | \$42.00    | 1   | \$42.00           |
|                       |                                                                                                                                                                                                                   | Subtotal   |     | <b>\$5,572.38</b> |

| Hex Building          |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$1,272.53</b> |

| Effluent Building     |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$1,272.53</b> |

| RAS Building          |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$1,272.53</b> |

| Blower 2 Building     |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$1,272.53</b> |

| Aeration Building     |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$1,272.53</b> |

| Warehouse Building    |                                                                                                                                                                                                                                                                 | Price    | Qty | Ext. Price        |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/be/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 1   | \$897.29          |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                   | \$122.29 | 1   | \$122.29          |
| Miscellaneous         | Consumables                                                                                                                                                                                                                                                     | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                                                                                                     | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                                                                                                 | Subtotal |     | <b>\$1,160.58</b> |

| Gate                  |                                                                                                                                                                                  | Price    | Qty | Ext. Price |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65   |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88   |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00    |

| Gate        |                                             | Price    | Qty | Ext. Price        |
|-------------|---------------------------------------------|----------|-----|-------------------|
| Freight Out | Freight Estimate (actual cost to be billed) | \$42.00  | 1   | \$42.00           |
|             |                                             | Subtotal |     | <b>\$1,272.53</b> |

| Sludge Lagoon         |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$1,272.53</b> |

| GBT Building          |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$1,272.53</b> |

| EQ Building           |                                                                                                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/bel/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 1   | \$897.29          |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$122.29 | 1   | \$122.29          |
| GPI-145               | Fortinet PoE Injector - 120 V AC, 230 V AC Input - 55 V DC Output - 1 x RJ-45 Input Port(s) - 1 x RJ-45 Output Port(s) - 60 W                                                                                                                                    | \$221.14 | 1   | \$221.14          |
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A                                                                                 | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                                                                                                  | Subtotal |     | <b>\$2,513.25</b> |

| ENI Building          |                                                                                                                                                                                                                                                                  | Price    | Qty | Ext. Price |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/bel/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 1   | \$897.29   |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$122.29 | 1   | \$122.29   |

| ENI Building          |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| GPI-145               | Fortinet PoE Injector - 120 V AC, 230 V AC Input - 55 V DC Output - 1 x RJ-45 Input Port(s) - 1 x RJ-45 Output Port(s) - 60 W                                                    | \$221.40 | 1   | \$221.40          |
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$2,513.51</b> |

| UV Building           |                                                                                                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/bel/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 2   | \$1,794.58        |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$122.29 | 2   | \$244.58          |
| GPI-145               | Fortinet PoE Injector - 120 V AC, 230 V AC Input - 55 V DC Output - 1 x RJ-45 Input Port(s) - 1 x RJ-45 Output Port(s) - 60 W                                                                                                                                    | \$221.40 | 2   | \$442.80          |
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A                                                                                 | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                                                                                                  | Subtotal |     | <b>\$3,754.49</b> |

| Gallery               |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 5   | \$4,978.25        |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 5   | \$679.40          |
| Mounting Kit          | External mounting Kit                                                                                                                                                            | \$299.99 | 1   | \$299.99          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| WG-51921006           | CAT6 Shielded (F/UTP) Network Cable, Riser, CMR, FT4, 1000' (304.8m) Reel, Blue                                                                                                  | \$486.29 | 1   | \$486.29          |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$185.26 | 1   | \$185.26          |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$6,728.19</b> |

| Digester              |                                                                                                                                                                                                                                                                  | Price    | Qty | Ext. Price |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/bel/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 2   | \$1,794.58 |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$122.29 | 2   | \$244.58   |



| Digester              |                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Conduit               | Rigid Conduit kit                                                                                                                                                                | \$399.00 | 2   | \$798.00          |
| Miscellaneous         | Consumables                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| WG-51921006           | CAT6 Shielded (F/UTP) Network Cable, Riser, CMR, FT4, 1000' (304.8m) Reel, Blue                                                                                                  | \$486.29 | 1   | \$486.29          |
| KJS458MT-C6C          | Signamax Category 6 Screened High-Density MT-Series                                                                                                                              | \$11.99  | 2   | \$23.98           |
| KI-DIN-RMM-SL         | SIGNAMAX Mounting Module, DIN-Rail Mount, Industrial, 0.83"                                                                                                                      | \$9.99   | 2   | \$19.98           |
| Patch Cord            | 5 FT Cat6 Shielded Patch Cable                                                                                                                                                   | \$12.99  | 2   | \$25.98           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                      | \$185.26 | 1   | \$185.26          |
|                       |                                                                                                                                                                                  | Subtotal |     | <b>\$4,809.18</b> |

| Apple Valley WRP      |                                                                                                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/bel/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 2   | \$1,794.58        |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$122.29 | 2   | \$244.58          |
| GPI-145               | Fortinet PoE Injector - 120 V AC, 230 V AC Input - 55 V DC Output - 1 x RJ-45 Input Port(s) - 1 x RJ-45 Output Port(s) - 60 W                                                                                                                                    | \$250.19 | 2   | \$500.38          |
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A                                                                                 | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                                                                                                  | Subtotal |     | <b>\$3,812.07</b> |

| Apple Valley Headworks |                                                                                                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-441K-A             | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/bel/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 4   | \$3,589.16        |
| FC-10-FP41K-247-02-12  | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$122.29 | 4   | \$489.16          |
| GPI-145                | Fortinet PoE Injector - 120 V AC, 230 V AC Input - 55 V DC Output - 1 x RJ-45 Input Port(s) - 1 x RJ-45 Output Port(s) - 60 W                                                                                                                                    | \$221.40 | 4   | \$885.60          |
| Miscellaneous          | Consumables                                                                                                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out            | Freight Estimate (actual cost to be billed)                                                                                                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                        |                                                                                                                                                                                                                                                                  | Subtotal |     | <b>\$5,104.92</b> |

| Apple Valley Pump     |                                                                                                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/bel/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 2   | \$1,794.58        |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$122.29 | 2   | \$244.58          |
| GPI-145               | Fortinet PoE Injector - 120 V AC, 230 V AC Input - 55 V DC Output - 1 x RJ-45 Input Port(s) - 1 x RJ-45 Output Port(s) - 60 W                                                                                                                                    | \$221.40 | 2   | \$442.80          |
| Conduit               | Rigid Conduit kit long                                                                                                                                                                                                                                           | \$699.00 | 1   | \$699.00          |
| Miscellaneous         | Consumables                                                                                                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| WG-51921006           | CAT6 Shielded (F/UTP) Network Cable, Riser, CMR, FT4, 1000' (304.8m) Reel, Blue                                                                                                                                                                                  | \$486.29 | 1   | \$486.29          |
| Patch Cord            | 5 FT Cat6 Shielded Patch Cable                                                                                                                                                                                                                                   | \$12.99  | 1   | \$12.99           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                                                                                                  | Subtotal |     | <b>\$3,821.24</b> |

| Hesperia WRP          |                                                                                                                                                                                                                                                                  | Price    | Qty | Ext. Price        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/bel/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 2   | \$1,794.58        |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$122.29 | 2   | \$244.58          |
| GPI-145               | Fortinet PoE Injector - 120 V AC, 230 V AC Input - 55 V DC Output - 1 x RJ-45 Input Port(s) - 1 x RJ-45 Output Port(s) - 60 W                                                                                                                                    | \$221.40 | 2   | \$442.80          |
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A                                                                                 | \$995.65 | 1   | \$995.65          |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$135.88 | 1   | \$135.88          |
| Miscellaneous         | Consumables                                                                                                                                                                                                                                                      | \$99.00  | 1   | \$99.00           |
| Freight Out           | Freight Estimate (actual cost to be billed)                                                                                                                                                                                                                      | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                                                                                                  | Subtotal |     | <b>\$3,754.49</b> |

| Hesperia Headworks    |                                                                                                                                                                                                                                                                  | Price    | Qty | Ext. Price |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|------------|
| FAP-441K-A            | Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/bel/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab | \$897.29 | 3   | \$2,691.87 |
| FC-10-FP41K-247-02-12 | FortiAP-441K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$122.29 | 3   | \$366.87   |
| GPI-145               | Fortinet PoE Injector - 120 V AC, 230 V AC Input - 55 V DC Output - 1 x RJ-45 Input Port(s) - 1 x RJ-45 Output Port(s) - 60 W                                                                                                                                    | \$221.40 | 3   | \$664.20   |
| FAP-244K-A            | FortiAP-244K Outdoor Wirelss AP - Tri radio, WiFi 7, included, 1x 5G RJ45 port +1 x10G SFP+ port, BT/BLE, 1x RS-232 RJ45 Serial Port. Pole/wall mount kit ncluded. Region Code A                                                                                 | \$995.65 | 1   | \$995.65   |
| FC-10-F244K-247-02-12 | FortiAP-244K 1 Year FortiCare Premium Support                                                                                                                                                                                                                    | \$135.88 | 1   | \$135.88   |
| Miscellaneous         | Consumables                                                                                                                                                                                                                                                      | \$99.00  | 1   | \$99.00    |

| Hesperia Headworks |                                                    | Price    | Qty | Ext. Price        |
|--------------------|----------------------------------------------------|----------|-----|-------------------|
| Freight Out        | <b>Freight Estimate (actual cost to be billed)</b> | \$42.00  | 1   | \$42.00           |
|                    |                                                    | Subtotal |     | <b>\$4,995.47</b> |

| Hesperia Pump         |                                                                                                                                                                                                                                                                        | Price    | Qty | Ext. Price        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|-------------------|
| FAP-441K-A            | <b>Fortinet FortiAP 441K Tri Band Wi-Fi 7 IEEE 802.11a/b/g/n/ac/ax/h/i/k/r/v/e/be/j 21.32 Gbit/s Wireless Access Point - Indoor - 2.40 GHz, 5 GHz, 6 GHz - 8 x Internal Antenna(s) - Internal - MIMO Technology - Multi User MIMO - 2 x Network (RJ-45) - 10 Gigab</b> | \$897.29 | 1   | \$897.29          |
| FC-10-FP41K-247-02-12 | <b>FortiAP-441K 1 Year FortiCare Premium Support</b>                                                                                                                                                                                                                   | \$122.29 | 1   | \$122.29          |
| GPI-145               | <b>Fortinet PoE Injector - 120 V AC, 230 V AC Input - 55 V DC Output - 1 x RJ-45 Input Port(s) - 1 x RJ-45 Output Port(s) - 60 W</b>                                                                                                                                   | \$221.40 | 1   | \$221.40          |
| Miscellaneous         | <b>Consumables</b>                                                                                                                                                                                                                                                     | \$99.00  | 1   | \$99.00           |
| Freight Out           | <b>Freight Estimate (actual cost to be billed)</b>                                                                                                                                                                                                                     | \$42.00  | 1   | \$42.00           |
|                       |                                                                                                                                                                                                                                                                        | Subtotal |     | <b>\$1,381.98</b> |

#### Exclusions and clarifications

- 5-30 days notice requested to schedule installation.
- Cabling estimate is based on site walk and plan provided
- Reuse existing pathways and conduit supports where possible
- Excludes Power Supplies for Forti rugged switches
- Excludes installation of building ground or running of ground to telecom room..
- Excludes aerial work platform
- Excludes electrical work.
- Excludes in-ground electrical, network, or AV boxes
- Work to be performed during hours of 8:00 am to 5:00 PM
- Work requested outside of regular business hour will be billed 1.5 times the rate.
- Permit fees are not included in the estimate. If a permit is required there will be an additional charge.
- ANY delays incurred at NO FAULT to Netgain Networks, will be billed on a TIME & MATERIALS basis.
- Requests outside scope of work listed will be billed on a TIME & MATERIALS basis.
- Netgain Networks, Inc. is not responsible for delays caused by others that delay time

| Quote Summary          |  | Amount             |
|------------------------|--|--------------------|
| O&M Building           |  | \$9,210.48         |
| Admin building         |  | \$6,405.90         |
| ADM Building           |  | \$5,572.38         |
| Hex Building           |  | \$1,272.53         |
| Effluent Building      |  | \$1,272.53         |
| RAS Building           |  | \$1,272.53         |
| Blower 2 Building      |  | \$1,272.53         |
| Aeration Building      |  | \$1,272.53         |
| Warehouse Building     |  | \$1,160.58         |
| Gate                   |  | \$1,272.53         |
| Sludge Lagoon          |  | \$1,272.53         |
| GBT Building           |  | \$1,272.53         |
| EQ Building            |  | \$2,513.25         |
| ENI Building           |  | \$2,513.51         |
| UV Building            |  | \$3,754.49         |
| Gallery                |  | \$6,728.19         |
| Digester               |  | \$4,809.18         |
| Apple Valley WRP       |  | \$3,812.07         |
| Apple Valley Headworks |  | \$5,104.92         |
| Apple Valley Pump      |  | \$3,821.24         |
| Hesperia WRP           |  | \$3,754.49         |
| Hesperia Headworks     |  | \$4,995.47         |
| Hesperia Pump          |  | \$1,381.98         |
| Subtotal:              |  | <b>\$75,718.37</b> |
| Estimated Tax:         |  | <b>\$5,752.00</b>  |
| Total:                 |  | <b>\$81,470.37</b> |

Quotations are valid for thirty days from the date they are generated. Manufacturer's prices are subject to change without notice. Netgain Networks, Inc. is not responsible for typographical errors. Quotes are calculated using Riverside tax code and are subject to change based on city business is conducted in. Special orders are not Cancellable. Software licenses are non-refundable. No refunds on service. Credit may be provided on purchases returns up to seven (7) days of purchase. Returns and/or exchanges are subject to a 35% restocking fee. All credit card transaction are subject to a 3.5% surcharge at the time of payment. Equipment is subject to the manufacturer's warranty unless otherwise stated. A 50% deposit will be required for all orders, following 30% of balance upon delivery of equipment, and 20% upon the completion of service. No deposit will be required when leasing. Recurring monthly service require a credit card or electronic check on file for automatic monthly charge or withdraw.

Leasing estimates are based on pre-sales tax totals. All leasing payments are estimated and are subject to the leasing company's final approval. Sales tax on leases will be applied by leasing company.

Acceptance

**Netgain Networks Inc.**

**Victor Valley Wastewater (VWRA)**



Fernando Borja

Signature / Name

01/19/2026

Date

Signature / Name

Initials

Date





Victor Valley Wastewater Reclamation Authority  
20111 Shay Rd.  
Victorville, CA 92394

January 19, 2026

RE: Sole-Source Justification for Fortinet Network Hardware

To Whom It May Concern,

This letter provides a sole-source justification for the procurement of Fortinet network hardware for the WiFi Network Update Project.

Fortinet is the sole manufacturer of FortiGate and other Fortinet-branded network security and wireless infrastructure equipment specified for this project. These products are proprietary to Fortinet and operate exclusively on Fortinet's FortiOS operating system and integrated security architecture.

The proposed equipment is required to maintain compatibility with the organization's existing Fortinet-based network environment. Continued use of Fortinet hardware is necessary to ensure system interoperability, consistent security policy enforcement, centralized management, and continuity of operations. Hardware produced by other manufacturers cannot operate within Fortinet's proprietary operating system and security fabric and therefore cannot meet the technical requirements of this project without significant modification or system replacement.

An assessment of available network security and wireless infrastructure solutions was conducted. While multiple manufacturers offer similar categories of equipment, no alternative manufacturer can provide hardware that is fully compatible with the existing Fortinet-based environment, including FortiOS, centralized management tools, and integrated security services. Based on this assessment, Fortinet is the only manufacturer that meets the technical, operational, and security requirements for this project.

Selection of a non-Fortinet manufacturer would necessitate partial or complete replacement of existing infrastructure, reconfiguration of network and security policies, and additional staff training. These actions would increase project costs, extend implementation timelines, and elevate the risk of service disruption and security exposure.

Such impacts would adversely affect network reliability, security posture, and operational continuity and are not in the best interest of the organization.

Based on the foregoing, Fortinet is the only manufacturer capable of providing the required equipment in compliance with the project's technical and operational requirements. Accordingly, procurement of Fortinet hardware qualifies as a sole source acquisition in accordance with applicable public-sector procurement guidelines.



**NETGAIN**  
NETWORKS, INC.

Sincerely,

DocuSigned by:

*Fernando Borja*

383ED89C280A4BD...

Fernando Borja  
Business Development  
Netgain Networks, Inc.



# VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

## Board Of Commissioners Staff Report

**TO:** VVWRA Board of Commissioners  
**FROM:** Darron Poulsen, General Manager  
**SUBMITTED BY:** Latif Laari, Environmental Compliance Manager  
**DATE:** 01/29/2026  
**SUBJECT:** **Recommendation to Authorize the General Manager to Approve the Purchase of Ultraviolet Disinfection System Replacement Parts for \$149,762.29 from Xylem Water Solutions, our Sole Source Provider**

---

**Fiscal Impact** Yes  
**Account Code:** 01-02-545-6010-9999  
**Funds Budgeted/ Approved:** Yes

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### STAFF RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to approve the purchase of UV disinfection system replacement parts from Xylem Water Solutions, our sole-source provider, in the amount of \$149,762.29 (quoted amount plus applicable taxes and freight) as detailed in Exhibit 1. This is a budgeted expenditure

### PREVIOUS ACTION(S)

None

### BACKGROUND INFORMATION

The Victor Valley Wastewater Reclamation Authority (VVWRA) Regional Plant utilizes ultraviolet (UV) light as its primary method of disinfection. This process effectively inactivates microorganisms, preventing their growth in treated wastewater effluent prior to discharge into the Mojave River.

The Regional Plant operates a Xylem Water Solutions UV disinfection system consisting of two channels, each with four banks. Each bank contains 234 UV lamps along with various supporting components. Xylem Water Solutions provides routine inspection and maintenance of this system to ensure compliance with VVWRA's National Pollutant Discharge Elimination System (NPDES) permit disinfection requirements.

Recent maintenance reports from VVWRA maintenance staff and Xylem Water Solutions identified several components requiring replacement to improve system availability, reliability, and redundancy. Following a detailed review of Xylem's UV parts proposal (Exhibit 1), staff selected the necessary components to maintain optimal system performance and ensure ongoing regulatory compliance.

| Location                    | Quote Cost  | GL#                 |
|-----------------------------|-------------|---------------------|
| Regional Plant              | \$89,378.59 | 01-02-545-6010-9999 |
| Hesperia Sub Regional Plant | \$26,873.77 | 01-54-545-6010-9999 |

|               |                     |                     |
|---------------|---------------------|---------------------|
| Apple Valley  | \$33,509.93         | 01-55-545-6010-9999 |
| <b>Totals</b> | <b>\$149,762.29</b> |                     |

Based on the maintenance reports from staff and our sole source supply company It is recommended that the Board of Commissioners authorize the General Manager to approve the purchase of UV disinfection system replacement parts from Xylem Water Solutions, our sole-source provider, in the amount of \$149,762.29, quoted amount plus applicable taxes and freight. This is a budgeted expenditure

---

### **Attachments**

Exhibit 1- Original PO  
Exhibit 2- Final Invoice

**VICTOR VALLEY WASTE WATER RECLAMATION AUTHORITY**

PO Box 370  
Adelanto, CA 92301  
PH: (760) 246-8638

**PURCHASE ORDER****PO Number:** PO27078**Date:** 10/08/2025**Requisition #:** REQ09561**Vendor #:** UNIT000

**ISSUED TO:** UNITED RENTALS NORTHWEST, INC  
11612 MARIPOSA AVE.  
HESPERIA, CA 91716-9333

**SHIP TO:** Victor Valley Water Reclamation Authority  
Attn:Purchasing  
20111 Shay Rd.  
Victorville, CA 92394

| ITEM | UNITS DESCRIPTION                                               | GL ACCT #           | PROJ ACCT #    | PRICE | AMOUNT    |
|------|-----------------------------------------------------------------|---------------------|----------------|-------|-----------|
| 1    | 0 Generator Rental for MSBA<br>Cooperative Purchasing Agreement | 01-02-000-9000-9999 | R174-01-Repair | 0.00  | 74,999.33 |

Authorized by: \_\_\_\_\_

**PREVAILING WAGE** Contractor shall be required to pay the prevailing rate of wages in accordance with the Labor Code which such rates shall be made available at the Agencies or may be obtained online at <http://www.dir.ca.gov> and which must be posted at the job site.

|                   |           |
|-------------------|-----------|
| <b>SUBTOTAL:</b>  | 71,543.06 |
| <b>TOTAL TAX:</b> | 3,456.27  |
| <b>SHIPPING:</b>  | 0.00      |
| <b>TOTAL</b>      | 74,999.33 |

1. Providing that all other payment terms are met, payment may be expected 30 days after receipt of any goods and/or services.
2. Payment will not be processed without a properly executed invoice.
3. All invoices must be sent to: Victor Valley Wastewater Reclamation Authority, PO Box 370, Adelanto, CA 92301.
4. A properly executed invoice must include a remittance slip as well as reference the correct Purchase Order when applicable.
5. All goods will be shipped F.O.B. Destination unless specifically agreed upon prior to shipment.
6. C.O.D. shipments will not be accepted.
7. All shipping documents (i.e. packing slips, containers, pick tickets, etc.) must reference the correct Purchase Order issued.
8. All materials and services are subject to approval based on the purchase order description and/or any appendages thereof.
9. Substitutions of any goods or services will not be permitted without approval from our Receiving Department.
10. Any materials not approved will be returned at no cost to our organization.
11. All goods and services must meet or exceed all necessary city, state and federal standards and regulations.
12. Each vendor and/or manufacturer bears all risk of loss or damage until receipt and/or installation of said items has been approved.

**Finance Department (760) 246-8638**

# 252707990

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

Customer # : 939944  
Quote Date : 09/08/25  
Estimated Out : 12/05/25 09:00 AM  
Estimated In : 12/12/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID:  
P.O. # : TBD  
Ordered By : MAURICIO MARIN  
Written By : PETER GARCZEK  
Salesperson : PETER GARCZEK

**This is not an invoice  
Please do not pay from this document**

| RENTAL                                                            | ITEMS:    |                                                                    |                      |     |                      |                        |                |  |
|-------------------------------------------------------------------|-----------|--------------------------------------------------------------------|----------------------|-----|----------------------|------------------------|----------------|--|
| Qty                                                               | Equipment | Description                                                        | Minimum              | Day | Week                 | 4 Week                 | Estimated Amt. |  |
| 1                                                                 | 2403412   | GENERATOR 600-699 KVA TIER 4<br>(Triple Shift) Single Shift Rate-> | 4,704.00<br>2,352.00 |     | 7,284.00<br>3,642.00 | 20,034.00<br>10,017.00 | 7,284.00       |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| RATES ARE BASED ON SINGLE SHIFT OPERATION UNLESS                  |           |                                                                    |                      |     |                      |                        |                |  |
| OTHERWISE STATED                                                  |           |                                                                    |                      |     |                      |                        |                |  |
| SINGLE SHIFT = 8 HRS / DAY, 40 HRS / WEEK, 160 HRS / 4 WEEKS      |           |                                                                    |                      |     |                      |                        |                |  |
| DOUBLE SHIFT = 16 HRS / DAY, 80 HRS / WEEK, 320 HRS / 4 WEEKS     |           |                                                                    |                      |     |                      |                        |                |  |
| TRIPLE SHIFT = UNLIMITED USAGE                                    |           |                                                                    |                      |     |                      |                        |                |  |
| ** TRIPLE SHIFT RATE WILL EQUAL SINGLE SHIFT RATE TIMES 2.0 **    |           |                                                                    |                      |     |                      |                        |                |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| CUSTOMER IS RESPONSIBLE TO ENSURE ALL FLUID LEVELS ARE MAINTAINED |           |                                                                    |                      |     |                      |                        |                |  |
| FOR DURATION OF RENTAL AND NOTIFY UR OF ANY ISSUES PRIOR TO       |           |                                                                    |                      |     |                      |                        |                |  |
| GENERATOR FAILURE TO AVOID SERVICE CHARGES.                       |           |                                                                    |                      |     |                      |                        |                |  |
| GENERATOR MUST BE RETURNED WITH THE SAME FUEL AND FLUID LEVELS    |           |                                                                    |                      |     |                      |                        |                |  |
| IT WAS DELIVERED WITH AT THE TERM OF THE RENTAL. CUSTOMER IS      |           |                                                                    |                      |     |                      |                        |                |  |
| RESPONSIBLE FOR FUEL AND DIESEL EXHAUST FLUID (DEF), IF REQUIRED  |           |                                                                    |                      |     |                      |                        |                |  |
| DURING THE RENTAL PERIOD. UNITED RENTALS CAN PROVIDE FUEL AND DEF |           |                                                                    |                      |     |                      |                        |                |  |
| SERVICES IF REQUESTED FOR AN ADDITIONAL FEE. UNITED RENTALS       |           |                                                                    |                      |     |                      |                        |                |  |
| RECOMMENDS THE USE OF CONTAINMENT BERM OR SPILL CONTAINMENT       |           |                                                                    |                      |     |                      |                        |                |  |
| PROTECTION WHICH CAN BE PURCHASED OR RENTED UPON CUSTOMER REQUEST |           |                                                                    |                      |     |                      |                        |                |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| TRIPLE SHIFT RATE QUOTED                                          |           |                                                                    |                      |     |                      |                        |                |  |
| PM SERVICE INCLUDED                                               |           |                                                                    |                      |     |                      |                        |                |  |
| 480V 3PHASE                                                       |           |                                                                    |                      |     |                      |                        |                |  |
| *** BLOWER BUILDING #1 ***                                        |           |                                                                    |                      |     |                      |                        |                |  |
| 3                                                                 | 2403354   | GENERATOR 400-499 KVA TIER 4<br>(Triple Shift) Single Shift Rate-> | 2,804.00<br>1,402.00 |     | 5,202.00<br>2,601.00 | 14,322.00<br>7,161.00  | 15,606.00      |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| RATES ARE BASED ON SINGLE SHIFT OPERATION UNLESS                  |           |                                                                    |                      |     |                      |                        |                |  |
| OTHERWISE STATED                                                  |           |                                                                    |                      |     |                      |                        |                |  |
| SINGLE SHIFT = 8 HRS / DAY, 40 HRS / WEEK, 160 HRS / 4 WEEKS      |           |                                                                    |                      |     |                      |                        |                |  |
| DOUBLE SHIFT = 16 HRS / DAY, 80 HRS / WEEK, 320 HRS / 4 WEEKS     |           |                                                                    |                      |     |                      |                        |                |  |
| TRIPLE SHIFT = UNLIMITED USAGE                                    |           |                                                                    |                      |     |                      |                        |                |  |
| ** TRIPLE SHIFT RATE WILL EQUAL SINGLE SHIFT RATE TIMES 2.0 **    |           |                                                                    |                      |     |                      |                        |                |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| CUSTOMER IS RESPONSIBLE TO ENSURE ALL FLUID LEVELS ARE MAINTAINED |           |                                                                    |                      |     |                      |                        |                |  |
| FOR DURATION OF RENTAL AND NOTIFY UR OF ANY ISSUES PRIOR TO       |           |                                                                    |                      |     |                      |                        |                |  |
| GENERATOR FAILURE TO AVOID SERVICE CHARGES.                       |           |                                                                    |                      |     |                      |                        |                |  |
| GENERATOR MUST BE RETURNED WITH THE SAME FUEL AND FLUID LEVELS    |           |                                                                    |                      |     |                      |                        |                |  |
| IT WAS DELIVERED WITH AT THE TERM OF THE RENTAL. CUSTOMER IS      |           |                                                                    |                      |     |                      |                        |                |  |
| RESPONSIBLE FOR FUEL AND DIESEL EXHAUST FLUID (DEF), IF REQUIRED  |           |                                                                    |                      |     |                      |                        |                |  |
| DURING THE RENTAL PERIOD. UNITED RENTALS CAN PROVIDE FUEL AND DEF |           |                                                                    |                      |     |                      |                        |                |  |
| SERVICES IF REQUESTED FOR AN ADDITIONAL FEE. UNITED RENTALS       |           |                                                                    |                      |     |                      |                        |                |  |
| RECOMMENDS THE USE OF CONTAINMENT BERM OR SPILL CONTAINMENT       |           |                                                                    |                      |     |                      |                        |                |  |
| PROTECTION WHICH CAN BE PURCHASED OR RENTED UPON CUSTOMER REQUEST |           |                                                                    |                      |     |                      |                        |                |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| TRIPLE SHIFT RATE QUOTED                                          |           |                                                                    |                      |     |                      |                        |                |  |
| PM SERVICE INCLUDED                                               |           |                                                                    |                      |     |                      |                        |                |  |
| 480V 3PHASE                                                       |           |                                                                    |                      |     |                      |                        |                |  |
| *** DIGESTER 4/5 ***                                              |           |                                                                    |                      |     |                      |                        |                |  |
| *** BLOWER BUILDING #2 ***                                        |           |                                                                    |                      |     |                      |                        |                |  |

CONTINUED

This proposal may be withdrawn if not accepted within 30 days. The above referenced Rental Protection Plan, environmental, and tax charges are estimates and are subject to change.

NOTICE: This is not a rental agreement. The rental of equipment and any items listed above is subject to availability and subject to the terms and conditions of the Rental and Service Agreement, which are available at <https://www.unitedrentals.com/legal/rental-service-terms-US> and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.



BRANCH 19B  
1910 STONEHURST DR  
RIALTO CA 92377-8500  
909-918-3214

# 252707990

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

Customer # : 939944  
Quote Date : 09/08/25  
Estimated Out : 12/05/25 09:00 AM  
Estimated In : 12/12/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID:  
P.O. # : TBD  
Ordered By : MAURICIO MARIN  
Written By : PETER GARCZEK  
Salesperson : PETER GARCZEK

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

**This is not an invoice  
Please do not pay from this document**

| RENTAL Qty                                                          | ITEMS: Equipment           | Description                                                        | Minimum              | Day | Week                 | 4 Week                | Estimated Amt. |
|---------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------|----------------------|-----|----------------------|-----------------------|----------------|
|                                                                     | *** SOUTH PERC POND PS *** |                                                                    |                      |     |                      |                       |                |
| 1                                                                   | 2403313                    | GENERATOR 300-349 KVA TIER 4<br>(Triple Shift) Single Shift Rate-> | 2,336.00<br>1,168.00 |     | 4,254.00<br>2,127.00 | 11,690.00<br>5,845.00 | 4,254.00       |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| * RATES ARE BASED ON SINGLE SHIFT OPERATION UNLESS                  |                            |                                                                    |                      |     |                      |                       |                |
| * OTHERWISE STATED                                                  |                            |                                                                    |                      |     |                      |                       |                |
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| * DOUBLE SHIFT = 16 HRS / DAY, 80 HRS / WEEK, 320 HRS / 4 WEEKS     |                            |                                                                    |                      |     |                      |                       |                |
| * TRIPLE SHIFT = UNLIMITED USAGE                                    |                            |                                                                    |                      |     |                      |                       |                |
| * ** TRIPLE SHIFT RATE WILL EQUAL SINGLE SHIFT RATE TIMES 2.0 **    |                            |                                                                    |                      |     |                      |                       |                |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| * CUSTOMER IS RESPONSIBLE TO ENSURE ALL FLUID LEVELS ARE MAINTAINED |                            |                                                                    |                      |     |                      |                       |                |
| * FOR DURATION OF RENTAL AND NOTIFY UR OF ANY ISSUES PRIOR TO       |                            |                                                                    |                      |     |                      |                       |                |
| * GENERATOR FAILURE TO AVOID SERVICE CHARGES.                       |                            |                                                                    |                      |     |                      |                       |                |
| * GENERATOR MUST BE RETURNED WITH THE SAME FUEL AND FLUID LEVELS    |                            |                                                                    |                      |     |                      |                       |                |
| * IT WAS DELIVERED WITH AT THE TERM OF THE RENTAL. CUSTOMER IS      |                            |                                                                    |                      |     |                      |                       |                |
| * RESPONSIBLE FOR FUEL AND DIESEL EXHAUST FLUID (DEF), IF REQUIRED  |                            |                                                                    |                      |     |                      |                       |                |
| * DURING THE RENTAL PERIOD. UNITED RENTALS CAN PROVIDE FUEL AND DEF |                            |                                                                    |                      |     |                      |                       |                |
| * SERVICES IF REQUESTED FOR AN ADDITIONAL FEE. UNITED RENTALS       |                            |                                                                    |                      |     |                      |                       |                |
| * RECOMMENDS THE USE OF CONTAINMENT BERM OR SPILL CONTAINMENT       |                            |                                                                    |                      |     |                      |                       |                |
| * PROTECTION WHICH CAN BE PURCHASED OR RENTED UPON CUSTOMER REQUEST |                            |                                                                    |                      |     |                      |                       |                |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| TRIPLE SHIFT RATE QUOTED                                            |                            |                                                                    |                      |     |                      |                       |                |
| PM SERVICE INCLUDED                                                 |                            |                                                                    |                      |     |                      |                       |                |
| 480V 3PHASE                                                         |                            |                                                                    |                      |     |                      |                       |                |
| *** O&M ***                                                         |                            |                                                                    |                      |     |                      |                       |                |
| 1                                                                   | 2403303                    | GENERATOR 250-299 KVA TIER 4<br>(Triple Shift) Single Shift Rate-> | 2,184.00<br>1,092.00 |     | 3,723.00<br>1,861.50 | 10,240.00<br>5,120.00 | 3,723.00       |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| * RATES ARE BASED ON SINGLE SHIFT OPERATION UNLESS                  |                            |                                                                    |                      |     |                      |                       |                |
| * OTHERWISE STATED                                                  |                            |                                                                    |                      |     |                      |                       |                |
| * SINGLE SHIFT = 8 HRS / DAY, 40 HRS / WEEK, 160 HRS / 4 WEEKS      |                            |                                                                    |                      |     |                      |                       |                |
| * DOUBLE SHIFT = 16 HRS / DAY, 80 HRS / WEEK, 320 HRS / 4 WEEKS     |                            |                                                                    |                      |     |                      |                       |                |
| * TRIPLE SHIFT = UNLIMITED USAGE                                    |                            |                                                                    |                      |     |                      |                       |                |
| * ** TRIPLE SHIFT RATE WILL EQUAL SINGLE SHIFT RATE TIMES 2.0 **    |                            |                                                                    |                      |     |                      |                       |                |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| * CUSTOMER IS RESPONSIBLE TO ENSURE ALL FLUID LEVELS ARE MAINTAINED |                            |                                                                    |                      |     |                      |                       |                |
| * FOR DURATION OF RENTAL AND NOTIFY UR OF ANY ISSUES PRIOR TO       |                            |                                                                    |                      |     |                      |                       |                |
| * GENERATOR FAILURE TO AVOID SERVICE CHARGES.                       |                            |                                                                    |                      |     |                      |                       |                |
| * GENERATOR MUST BE RETURNED WITH THE SAME FUEL AND FLUID LEVELS    |                            |                                                                    |                      |     |                      |                       |                |
| * IT WAS DELIVERED WITH AT THE TERM OF THE RENTAL. CUSTOMER IS      |                            |                                                                    |                      |     |                      |                       |                |
| * RESPONSIBLE FOR FUEL AND DIESEL EXHAUST FLUID (DEF), IF REQUIRED  |                            |                                                                    |                      |     |                      |                       |                |
| * DURING THE RENTAL PERIOD. UNITED RENTALS CAN PROVIDE FUEL AND DEF |                            |                                                                    |                      |     |                      |                       |                |
| * SERVICES IF REQUESTED FOR AN ADDITIONAL FEE. UNITED RENTALS       |                            |                                                                    |                      |     |                      |                       |                |
| * RECOMMENDS THE USE OF CONTAINMENT BERM OR SPILL CONTAINMENT       |                            |                                                                    |                      |     |                      |                       |                |
| * PROTECTION WHICH CAN BE PURCHASED OR RENTED UPON CUSTOMER REQUEST |                            |                                                                    |                      |     |                      |                       |                |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| TRIPLE SHIFT RATE QUOTED                                            |                            |                                                                    |                      |     |                      |                       |                |
| PM SERVICE INCLUDED                                                 |                            |                                                                    |                      |     |                      |                       |                |
| 480V 3PHASE                                                         |                            |                                                                    |                      |     |                      |                       |                |
| *** SERVICE WATER PUMPS ***                                         |                            |                                                                    |                      |     |                      |                       |                |

CONTINUED

# 252707990

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

Customer # : 939944  
Quote Date : 09/08/25  
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UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID:  
P.O. # : TBD  
Ordered By : MAURICIO MARIN  
Written By : PETER GARCZEK  
Salesperson : PETER GARCZEK

**This is not an invoice  
Please do not pay from this document**

| RENTAL ITEMS:              |                                                                                               |                               |           |       |                 |        |                |
|----------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|-----------|-------|-----------------|--------|----------------|
| Qty                        | Equipment                                                                                     | Description                   | Minimum   | Day   | Week            | 4 Week | Estimated Amt. |
| 42                         | 241/7662                                                                                      | CABLE 4/0 AWG 400 AMP 50' CAM |           | 28.50 | 36.00           | 97.00  | 1,512.00       |
| 37                         | 241/5970                                                                                      | CABLE TAIL 4/0 MCAM BARE END  |           | 8.00  | 10.00           | 20.00  | 370.00         |
| Rental Subtotal:           |                                                                                               |                               |           |       |                 |        | 32,749.00      |
| SALES/MISCELLANEOUS ITEMS: |                                                                                               |                               |           |       |                 |        |                |
| Qty                        | Item                                                                                          |                               | Price     |       | Unit of Measure |        | Extended Amt.  |
| 1                          | LABOR<br>ELECTRICIAN TO CONNECT AND<br>DISCONNECT CABLE TO AND<br>FROM PANELS (WEEKEND HOURS) | [LABOR/MCI]                   | 18966.000 |       | EACH            |        | 18,966.00      |
| 1                          | DELIVERY CHARGE                                                                               |                               | 1969.740  |       | EACH            |        | 1,969.74       |
| 1                          | PICKUP CHARGE                                                                                 |                               | 1969.740  |       | EACH            |        | 1,969.74       |
| Sales/Misc Subtotal:       |                                                                                               |                               |           |       |                 |        | 22,905.48      |
| Agreement Subtotal:        |                                                                                               |                               |           |       |                 |        | 55,654.48      |
| Tax:                       |                                                                                               |                               |           |       |                 |        | 3,037.90       |
| Estimated Total:           |                                                                                               |                               |           |       |                 |        | 58,692.38      |

COMMENTS/NOTES:

ONSITE CONTACT: MAURICIO MARIN  
CELL#: 760-246-8638

**Added Fuel and Labor :\$74,999.33**

# Rent on contract with United Rentals & Sourcewell

Sourcewell 

Awarded Contract

Contract # 040924-URI

## What is Sourcewell?

Sourcewell serves as a municipal contracting agency for over 55,000 members throughout the nation with competitively awarded contract purchasing solutions through industry-leading vendors. Sourcewell membership is available to any agency of government, education (private or public) or non-profit agencies nationwide in the US and Canada at no cost, liability or obligation to the member. To become a member go to [sourcewell-mn.gov](https://sourcewell-mn.gov)

## Benefits of our partnership with Sourcewell:

- National buying agency
- Volume based pricing
- 55,000 member agencies
- Reduced vendor protests
- No cost membership
- Streamline solicitations
- Save time and money
- Sourcewell is a government entity
- Competitively bid

## United Rentals Government Solutions team offers in partnership with Sourcewell contract # 040924-URI:

- Dedicated Government Account Team
- 24/7 equipment service and emergency response
- OSHA compliant, complete knowledge of all local, state and federal regulatory safety issues
- Small Business Administration Partnerships: SDB, WBE, MBE, SDVOB, HUBZ and 8a
- Comprehensive knowledge of state, local, and federal regulations
- Experts on call for all your equipment rental needs: General Equipment, Tools Solutions, Power & HVAC, Trench Safety & Shoring, Sanitation Services and Fluid Solutions

## Contract Options

- Rent Equipment
- Sell Used Equipment
- Sell New Equipment (Atlas Copco, Multiquip, Genie)
- Safety Training
- Service and Labor
- 3rd Party Rentals

## Safety Training and Certification.

United Academy® is a comprehensive training solution designed to help you reduce the overall cost and complexity of safety training and credential tracking for your employees. With United Academy courses throughout the U.S. and Canada, you can:

- Take classes online 24/7
- Schedule training at one of our branches, or at your worksite
- Access blended learning operator certification courses: online theory and exam supported by live practical evaluations
- Select from a robust course catalog that includes OSHA 10/30, Operator Certification, Fall Protection, Trench & Evacuation Safety, and much more

For more information, visit: [UnitedAcademy.ur.com](https://UnitedAcademy.ur.com)

## Sell New Equipment

For more information on new equipment sales, please contact the Government Customer Care Team at 877-874-4468 or email: [govrents@ur.com](mailto:govrents@ur.com)



[gsa.ur.com](https://gsa.ur.com) | 877-URI-4-GOV

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[UnitedRentals.com/customer-care/terms-2018-disclosure](https://UnitedRentals.com/customer-care/terms-2018-disclosure)

# Rent on contract with United Rentals & Sourcewell

Sourcewell 

Awarded Contract

Contract # 040924-URI

## Ordering Information

Contract Effective Date: 06/11/2024 - 06/11/2028

RFP# 040924

Contract Number: 040924-URI

Pricing Model: % off of list

Vendor Contract: Brad Laws  
Phone: 504-915-6013  
Email: [jlaws@ur.com](mailto:jlaws@ur.com)  
United Rentals  
100 First Stamford Place, Suite 700  
Stamford, CT 06902

Sourcewell Contracts Documents: "Contract" as used herein shall mean cumulative documentation consisting of this RFP, an entire Proposers response, and a fully executed "acceptance and award" pursuant to this RFP.  
[Request for Proposal \(RFP\) Contract Forms](#)  
[Contract](#)

Related Contract Documentation: [Proof of Publication](#)  
[Proposal Opening Record Page](#)  
[Proposal Evaluation](#)  
[Evaluation Committee Comment & Review](#)

Summary of Contract Offerings:

### Rental Equipment

[UnitedRentals.com/equipment](https://www.UnitedRentals.com/equipment)

United Rentals has 6 different equipment divisions to provide our customers with a full equipment offering including General Rental, Power & HVAC, Pumps Solutions, Tool Solutions, Trench Safety, Mobile Storage Solutions and Reliable Onsite Services.

Equipment Rental: For questions or to place an order [govrents@ur.com](mailto:govrents@ur.com)

### New & Used Equipment Sales

[UnitedRentals.com/used](https://www.UnitedRentals.com/used)

United Rentals sells quality equipment, sourced directly from top-tier manufacturers that have been maintained by the same experts who service our entire \$20 billion in fleet. For more information on New Equipment Sales, please contact the Government Customer Care Team at 877-874-4468 or email: [govrents@ur.com](mailto:govrents@ur.com).

### Customer Equipment Solutions

[UnitedRentals.com/services/equipment-maintenance/about](https://www.UnitedRentals.com/services/equipment-maintenance/about)

United Rental's dedicated workforce of manufacturer trained technicians will apply their expertise to maintaining and inspecting your equipment.

Sourcewell Contact: Kelly McAllister, Contract Administration Supervisor  
Phone: 218-894-5468  
Email: [kelly.mcallister@sourcewell-mn.gov](mailto:kelly.mcallister@sourcewell-mn.gov)  
202 12th Street NE, P.O. Box 219,  
Staples, MN 56479  
[www.sourcewell-mn.gov](http://www.sourcewell-mn.gov)



[gsa.ur.com](https://gsa.ur.com) | 877-URI-4-GOV

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[UnitedRentals.com/customer-care/terms/2018disclaimer](#)



POWER & HVAC  
BRANCH 19B  
1910 STONEHURST DR  
RIALTO CA 92377-8500  
909-918-3214



# RENTAL RETURN INVOICE

# 256242697-005

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

Customer # : 939944  
Invoice Date : 12/24/25  
Rental Out : 12/05/25 09:00 AM  
Rental In : 12/19/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID :  
P.O. # : 27078  
Ordered By : MAURICIO MARIN  
Reserved By : PETER GARCZEK  
Salesperson : PETER GARCZEK

Invoice Amount: \$132,235.53

Terms: Due Upon Receipt  
Payment options: Contact our credit office 704-967-4565  
REMIT TO: UNITED RENTALS (NORTH AMERICA),INC.  
PO BOX 840514  
DALLAS TX 75284-0514

## RENTAL ITEMS:

| Qty       | Equipment | Description                                                                                                                                                                                                                                                                                                                                              | Minimum              | Day                  | Week                   | 4 Week   | Amount |
|-----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|------------------------|----------|--------|
| 1         | 12130950  | GENERATOR 600-699 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: CUMMINS Model: C500D6RE<br>Serial: H250481492 Meter out: 612.50 Meter in: 928.70<br>TRIPLE SHIFT RATE QUOTED<br>PM SERVICE INCLUDED<br>480V 3PHASE<br>*** BLOWER BUILDING #1 ***                                                                                             | 4,704.00<br>2,352.00 | 7,284.00<br>3,642.00 | 20,034.00<br>10,017.00 | 7,284.00 |        |
| 1         | 11884398  | GENERATOR 600-699 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: HIMOINSA Model: 1501198<br>Serial: 524100151 Meter out: 925.00 Meter in: 940.00<br>TRIPLE SHIFT RATE QUOTED<br>PM SERVICE INCLUDED<br>480V 3PHASE<br>*** DIGESTER 4/5 ***<br>*** BLOWER BUILDING #2 ***<br>*** SOUTH PERC POND PS ***<br>Meter from prior exchange is 87.600 | 2,804.00<br>1,402.00 | 5,202.00<br>2,601.00 | 14,322.00<br>7,161.00  | 5,202.00 |        |
| 1         | 11224185  | GENERATOR 400-499 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: JCB Model: G400RST4F<br>Serial: 2656371 Meter out: 3300.90 Meter in: 3414.00                                                                                                                                                                                                 | 2,804.00<br>1,402.00 | 5,202.00<br>2,601.00 | 14,322.00<br>7,161.00  | 5,202.00 |        |
| 1         | 11442221  | GENERATOR 400-499 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: JCB Model: G400RST4F<br>Serial: 2484394 Meter out: 2684.00 Meter in: 2995.80                                                                                                                                                                                                 | 2,804.00<br>1,402.00 | 5,202.00<br>2,601.00 | 14,322.00<br>7,161.00  | 5,202.00 |        |
| 1         | 10995887  | GENERATOR 300-349 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: CUMMINS Model: C275D2RE<br>Serial: H190620354 Meter out: 4666.20 Meter in: 4982.05<br>TRIPLE SHIFT RATE QUOTED<br>PM SERVICE INCLUDED<br>480V 3PHASE<br>*** O&M ***                                                                                                          | 2,336.00<br>1,168.00 | 4,254.00<br>2,127.00 | 11,690.00<br>5,845.00  | 4,254.00 |        |
| 1         | 10964336  | GENERATOR 250-299 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: CUMMINS Model: C200D2RE<br>Serial: E190573494 Meter out: 11799.80 Meter in: 12111.40<br>TRIPLE SHIFT RATE QUOTED<br>PM SERVICE INCLUDED<br>480V 3PHASE<br>*** SERVICE WATER PUMPS ***                                                                                        | 2,184.00<br>1,092.00 | 3,723.00<br>1,861.50 | 10,240.00<br>5,120.00  | 3,723.00 |        |
| 65        | 241/7662  | CABLE 4/0 AWG 400 AMP 50' CAM                                                                                                                                                                                                                                                                                                                            |                      | 35.00                | 67.00                  | 4,355.00 |        |
| 38        | 241/5970  | CABLE TAIL 4/0 MCAM BARE END                                                                                                                                                                                                                                                                                                                             |                      | 11.00                | 16.00                  | 608.00   |        |
| CONTINUED |           |                                                                                                                                                                                                                                                                                                                                                          |                      |                      |                        |          |        |

CONTINUED

Effective February 1, 2024 and where permitted by law, United Rentals may impose a surcharge of 2.0% for credit card payments on charge accounts. This surcharge is not greater than our merchant discount rate for credit card transactions and is subject to sales tax.

NOTICE: This invoice is subject to the terms and conditions of the Rental and Service Agreement, which are available at <https://www.unitedrentals.com/legal/rental-service-terms-US> and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.



POWER & HVAC  
BRANCH 19B  
1910 STONEHURST DR  
RIALTO CA 92377-8500  
909-918-3214



# RENTAL RETURN INVOICE

# 256242697-005

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

Customer # : 939944  
Invoice Date : 12/24/25  
Rental Out : 12/05/25 09:00 AM  
Rental In : 12/19/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID :  
P.O. # : 27078  
Ordered By : MAURICIO MARIN  
Reserved By : PETER GARCZEK  
Salesperson : PETER GARCZEK

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

**Invoice Amount: \$132,235.53**

Terms: Due Upon Receipt  
Payment options: Contact our credit office 704-967-4565  
**REMIT TO:** UNITED RENTALS (NORTH AMERICA),INC.  
PO BOX 840514  
DALLAS TX 75284-0514

## RENTAL ITEMS:

| Qty | Equipment | Description                                                                                                                                                                                           | Minimum | Day      | Week     | 4 Week    | Amount   |
|-----|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|----------|-----------|----------|
| 7   | 241/5980  | CABLE TAIL 4/0 FCAM BARE END                                                                                                                                                                          |         |          |          |           | N/C      |
| 1   | 11484282  | GENERATOR 600-699 KVA TIER 4<br>Make: CUMMINS Model: C500D6RE<br>Serial: F220097527 Meter out: 3739.00 Meter in: 3922.90<br>*** STANDBY UNIT ***<br>480V 3PHASE<br>Meter from prior exchange is 1.350 |         | 2,352.00 | 3,642.00 | 10,017.00 | 7,284.00 |
| 7   | 545/1225  | 12 X 25 CONTAINMENT BERM                                                                                                                                                                              |         |          |          |           | N/C      |
| 60  | 241/7080  | CABLE RAMPS                                                                                                                                                                                           |         |          |          |           | N/C      |

Rental Subtotal: 73,981.00

## SALES/MISCELLANEOUS ITEMS:

| Qty                  | Item                                                                                        | Price                      | Unit of Measure | Extended Amt. |
|----------------------|---------------------------------------------------------------------------------------------|----------------------------|-----------------|---------------|
| 1                    | LABOR<br>ELECTRICIAN TO CONNECT/DISCONNECT<br>GENERATORS/LOAD BANK FROM<br>CUSTOMER PANELS. | [LABOR/MCI] 29745.000      | EACH            | 29,745.00     |
| 136                  | BULK DYED DIESEL SALES<br>FUELED UNIT 11429413 12/10 UPON RETURN<br>FROM SWAP               | [BULKDYEDDSL/MCI] 5.300    | EACH            | 720.80        |
| 1                    | BULK DYED DIESEL SALES<br>12/7...1,097.8 GAL/ 17 GAL DEF<br>INV# L243774                    | [BULKDYEDDSL/MCI] 6461.900 | EACH            | 6,461.90      |
| 1                    | BULK DYED DIESEL SALES<br>12/14...1,560.9 GAL<br>INV# 278486L                               | [BULKDYEDDSL/MCI] 8369.300 | EACH            | 8,369.30      |
| 60                   | BULK DYED DIESEL SALES<br>UNIT 11224185 FUELED AT YARD UPON RETURN<br>12/22                 | [BULKDYEDDSL/MCI] 5.000    | EACH            | 300.00        |
| 1                    | DELIVERY CHARGE                                                                             | 2298.030                   | EACH            | 2,298.03      |
| 1                    | PICKUP CHARGE                                                                               | 2298.030                   | EACH            | 2,298.03      |
| Sales/Misc Subtotal: |                                                                                             |                            |                 | 50,193.06     |
| Agreement Subtotal:  |                                                                                             |                            |                 | 108,322.06    |
| Fuel:                |                                                                                             |                            |                 | 15,852.00     |
| Tax:                 |                                                                                             |                            |                 | 8,061.47      |
| Total:               |                                                                                             |                            |                 | 132,235.53    |

## COMMENTS/NOTES:

ONSITE CONTACT: MAURICIO MARIN

CONTINUED





POWER & HVAC  
BRANCH 19B  
1910 STONEHURST DR  
RIALTO CA 92377-8500  
909-918-3214



# RENTAL RETURN INVOICE

# 256242697-005

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

Customer # : 939944  
Invoice Date : 12/24/25  
Rental Out : 12/05/25 09:00 AM  
Rental In : 12/19/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID :  
P.O. # : 27078  
Ordered By : MAURICIO MARIN  
Reserved By : PETER GARCZEK  
Salesperson : PETER GARCZEK

**Invoice Amount: \$132,235.53**

Terms: Due Upon Receipt  
Payment options: Contact our credit office 704-967-4565  
**REMIT TO:** UNITED RENTALS (NORTH AMERICA),INC.  
PO BOX 840514  
DALLAS TX 75284-0514

CELL#: 760-246-8638



# VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

## Board Of Commissioners Staff Report

**TO:** VWVRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Latif Laari, Environmental Compliance Manager

**DATE:** 01/29/2026

**SUBJECT:** **Recommendation to Authorize the General Manager to Approve a Change Order to Extend the Temporary Generators Rentals to Complete the Regional Plant Emergency Generators Controls Upgrade for a Total Amount Not-to-Exceed \$57,237.00**

---

**Fiscal Impact** Yes

**Account Code:** 01-02-000-9000-9999 R174

**Funds Budgeted/ Approved:** Yes

---

### STAFF RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to approve a change order with United Rentals (North America), Inc., issued during the implementation phase of the Regional Plant Emergency Generator Controls Upgrade, to increase the authorized purchase order amount from \$74,999.33 (Exhibit 1) to \$132,235.53 (Exhibit 2), reflecting a total change order increase of \$57,236.20.

### PREVIOUS ACTION(S)

10/24/2022 Award of the Regional Plant Emergency Power Project Study to Carollo  
02/20/2025 Award of the Graybar Electric contract for the Regional Plant Emergency Generators Controls Upgrade

### BACKGROUND INFORMATION

The Regional Plant Emergency Generators Controls Upgrade involved the provision (under Sourcewell cooperative agreement) of seven (7) standby generators ranging from 250 KVA to 600+ KVA Tier 4 equipment, including:

- Primary equipment rental and maintenance services
- Generator placement for critical operational areas:
  - Blower Building #1
  - Blower Building #2
  - Digester 4/5 operations
  - South Percolation Pond Pump Station
  - Operations & Maintenance (O&M) areas
  - Service Water Pump systems
  - One Standby/backup generator
- Ancillary services including:

- Electrical cables and connections (4/0 AWG, 400 AMP)
- Cable ramps and containment berms
- Electrician labor for connection and disconnection services
- Fuel and diesel supply
- Delivery and pickup charges
- Preventive maintenance services

## REASON FOR CHANGE ORDER

The original project schedule anticipated generator support for one week. However, due to extended operational requirements beyond the initial completion date, the project duration was increased to two weeks. This extension necessitated the continued rental of all seven standby generators and related support services to maintain uninterrupted power to critical wastewater treatment processes. The additional rental period was essential to sustain facility operations and avoid any disruption to the Authority's treatment services.

| Item                       | Amount             |
|----------------------------|--------------------|
| Original Purchase Order    | \$74,999.33        |
| Revised Invoice Total      | \$132,235.53       |
| <b>Change Order Amount</b> | <b>\$57,236.20</b> |

The extended project duration and corresponding cost increase were operationally justified. United Rentals provided essential standby power services necessary to sustain continuous wastewater treatment operations. The equipment rental rates, fuel charges, and labor costs were consistent with industry standards for critical infrastructure support. All equipment was returned by December 19, 2025, and the invoice accurately reflects the rental period and services provided.

It is recommended that the Board of Commissioners authorize the General Manager to approve a change order with United Rentals (North America), Inc., issued during the implementation phase of the Regional Plant Emergency Generator Controls Upgrade, to increase the authorized purchase order amount from \$74,999.33 (Exhibit 1) to \$132,235.53 (Exhibit 2), reflecting a total change order increase of \$57,236.20.

---

## Attachments

Exhibit 1- Original PO  
Exhibit 2- Final Invoice

**VICTOR VALLEY WASTE WATER RECLAMATION AUTHORITY**

PO Box 370  
Adelanto, CA 92301  
PH: (760) 246-8638

**PURCHASE ORDER****PO Number:** PO27078**Date:** 10/08/2025**Requisition #:** REQ09561**Vendor #:** UNIT000

**ISSUED TO:** UNITED RENTALS NORTHWEST, INC  
11612 MARIPOSA AVE.  
HESPERIA, CA 91716-9333

**SHIP TO:** Victor Valley Water Reclamation Authority  
Attn:Purchasing  
20111 Shay Rd.  
Victorville, CA 92394

| ITEM | UNITS DESCRIPTION                                               | GL ACCT #           | PROJ ACCT #    | PRICE | AMOUNT    |
|------|-----------------------------------------------------------------|---------------------|----------------|-------|-----------|
| 1    | 0 Generator Rental for MSBA<br>Cooperative Purchasing Agreement | 01-02-000-9000-9999 | R174-01-Repair | 0.00  | 74,999.33 |

Authorized by: \_\_\_\_\_

**PREVAILING WAGE** Contractor shall be required to pay the prevailing rate of wages in accordance with the Labor Code which such rates shall be made available at the Agencies or may be obtained online at <http://www.dir.ca.gov> and which must be posted at the job site.

|                   |           |
|-------------------|-----------|
| <b>SUBTOTAL:</b>  | 71,543.06 |
| <b>TOTAL TAX:</b> | 3,456.27  |
| <b>SHIPPING:</b>  | 0.00      |
| <b>TOTAL</b>      | 74,999.33 |

1. Providing that all other payment terms are met, payment may be expected 30 days after receipt of any goods and/or services.
2. Payment will not be processed without a properly executed invoice.
3. All invoices must be sent to: Victor Valley Wastewater Reclamation Authority, PO Box 370, Adelanto, CA 92301.
4. A properly executed invoice must include a remittance slip as well as reference the correct Purchase Order when applicable.
5. All goods will be shipped F.O.B. Destination unless specifically agreed upon prior to shipment.
6. C.O.D. shipments will not be accepted.
7. All shipping documents (i.e. packing slips, containers, pick tickets, etc.) must reference the correct Purchase Order issued.
8. All materials and services are subject to approval based on the purchase order description and/or any appendages thereof.
9. Substitutions of any goods or services will not be permitted without approval from our Receiving Department.
10. Any materials not approved will be returned at no cost to our organization.
11. All goods and services must meet or exceed all necessary city, state and federal standards and regulations.
12. Each vendor and/or manufacturer bears all risk of loss or damage until receipt and/or installation of said items has been approved.

**Finance Department (760) 246-8638**

BRANCH 19B  
1910 STONEHURST DR  
RIALTO CA 92377-8500  
909-918-3214

# RENTAL QUOTE

# 252707990

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

Customer # : 939944  
Quote Date : 09/08/25  
Estimated Out : 12/05/25 09:00 AM  
Estimated In : 12/12/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID:  
P.O. # : TBD  
Ordered By : MAURICIO MARIN  
Written By : PETER GARCZEK  
Salesperson : PETER GARCZEK

**This is not an invoice  
Please do not pay from this document**

| RENTAL                                                            | ITEMS:    |                                                                    |                      |     |                      |                        |                |  |
|-------------------------------------------------------------------|-----------|--------------------------------------------------------------------|----------------------|-----|----------------------|------------------------|----------------|--|
| Qty                                                               | Equipment | Description                                                        | Minimum              | Day | Week                 | 4 Week                 | Estimated Amt. |  |
| 1                                                                 | 2403412   | GENERATOR 600-699 KVA TIER 4<br>(Triple Shift) Single Shift Rate-> | 4,704.00<br>2,352.00 |     | 7,284.00<br>3,642.00 | 20,034.00<br>10,017.00 | 7,284.00       |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| RATES ARE BASED ON SINGLE SHIFT OPERATION UNLESS                  |           |                                                                    |                      |     |                      |                        |                |  |
| OTHERWISE STATED                                                  |           |                                                                    |                      |     |                      |                        |                |  |
| SINGLE SHIFT = 8 HRS / DAY, 40 HRS / WEEK, 160 HRS / 4 WEEKS      |           |                                                                    |                      |     |                      |                        |                |  |
| DOUBLE SHIFT = 16 HRS / DAY, 80 HRS / WEEK, 320 HRS / 4 WEEKS     |           |                                                                    |                      |     |                      |                        |                |  |
| TRIPLE SHIFT = UNLIMITED USAGE                                    |           |                                                                    |                      |     |                      |                        |                |  |
| ** TRIPLE SHIFT RATE WILL EQUAL SINGLE SHIFT RATE TIMES 2.0 **    |           |                                                                    |                      |     |                      |                        |                |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| CUSTOMER IS RESPONSIBLE TO ENSURE ALL FLUID LEVELS ARE MAINTAINED |           |                                                                    |                      |     |                      |                        |                |  |
| FOR DURATION OF RENTAL AND NOTIFY UR OF ANY ISSUES PRIOR TO       |           |                                                                    |                      |     |                      |                        |                |  |
| GENERATOR FAILURE TO AVOID SERVICE CHARGES.                       |           |                                                                    |                      |     |                      |                        |                |  |
| GENERATOR MUST BE RETURNED WITH THE SAME FUEL AND FLUID LEVELS    |           |                                                                    |                      |     |                      |                        |                |  |
| IT WAS DELIVERED WITH AT THE TERM OF THE RENTAL. CUSTOMER IS      |           |                                                                    |                      |     |                      |                        |                |  |
| RESPONSIBLE FOR FUEL AND DIESEL EXHAUST FLUID (DEF), IF REQUIRED  |           |                                                                    |                      |     |                      |                        |                |  |
| DURING THE RENTAL PERIOD. UNITED RENTALS CAN PROVIDE FUEL AND DEF |           |                                                                    |                      |     |                      |                        |                |  |
| SERVICES IF REQUESTED FOR AN ADDITIONAL FEE. UNITED RENTALS       |           |                                                                    |                      |     |                      |                        |                |  |
| RECOMMENDS THE USE OF CONTAINMENT BERM OR SPILL CONTAINMENT       |           |                                                                    |                      |     |                      |                        |                |  |
| PROTECTION WHICH CAN BE PURCHASED OR RENTED UPON CUSTOMER REQUEST |           |                                                                    |                      |     |                      |                        |                |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| TRIPLE SHIFT RATE QUOTED                                          |           |                                                                    |                      |     |                      |                        |                |  |
| PM SERVICE INCLUDED                                               |           |                                                                    |                      |     |                      |                        |                |  |
| 480V 3PHASE                                                       |           |                                                                    |                      |     |                      |                        |                |  |
| *** BLOWER BUILDING #1 ***                                        |           |                                                                    |                      |     |                      |                        |                |  |
| 3                                                                 | 2403354   | GENERATOR 400-499 KVA TIER 4<br>(Triple Shift) Single Shift Rate-> | 2,804.00<br>1,402.00 |     | 5,202.00<br>2,601.00 | 14,322.00<br>7,161.00  | 15,606.00      |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| RATES ARE BASED ON SINGLE SHIFT OPERATION UNLESS                  |           |                                                                    |                      |     |                      |                        |                |  |
| OTHERWISE STATED                                                  |           |                                                                    |                      |     |                      |                        |                |  |
| SINGLE SHIFT = 8 HRS / DAY, 40 HRS / WEEK, 160 HRS / 4 WEEKS      |           |                                                                    |                      |     |                      |                        |                |  |
| DOUBLE SHIFT = 16 HRS / DAY, 80 HRS / WEEK, 320 HRS / 4 WEEKS     |           |                                                                    |                      |     |                      |                        |                |  |
| TRIPLE SHIFT = UNLIMITED USAGE                                    |           |                                                                    |                      |     |                      |                        |                |  |
| ** TRIPLE SHIFT RATE WILL EQUAL SINGLE SHIFT RATE TIMES 2.0 **    |           |                                                                    |                      |     |                      |                        |                |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| CUSTOMER IS RESPONSIBLE TO ENSURE ALL FLUID LEVELS ARE MAINTAINED |           |                                                                    |                      |     |                      |                        |                |  |
| FOR DURATION OF RENTAL AND NOTIFY UR OF ANY ISSUES PRIOR TO       |           |                                                                    |                      |     |                      |                        |                |  |
| GENERATOR FAILURE TO AVOID SERVICE CHARGES.                       |           |                                                                    |                      |     |                      |                        |                |  |
| GENERATOR MUST BE RETURNED WITH THE SAME FUEL AND FLUID LEVELS    |           |                                                                    |                      |     |                      |                        |                |  |
| IT WAS DELIVERED WITH AT THE TERM OF THE RENTAL. CUSTOMER IS      |           |                                                                    |                      |     |                      |                        |                |  |
| RESPONSIBLE FOR FUEL AND DIESEL EXHAUST FLUID (DEF), IF REQUIRED  |           |                                                                    |                      |     |                      |                        |                |  |
| DURING THE RENTAL PERIOD. UNITED RENTALS CAN PROVIDE FUEL AND DEF |           |                                                                    |                      |     |                      |                        |                |  |
| SERVICES IF REQUESTED FOR AN ADDITIONAL FEE. UNITED RENTALS       |           |                                                                    |                      |     |                      |                        |                |  |
| RECOMMENDS THE USE OF CONTAINMENT BERM OR SPILL CONTAINMENT       |           |                                                                    |                      |     |                      |                        |                |  |
| PROTECTION WHICH CAN BE PURCHASED OR RENTED UPON CUSTOMER REQUEST |           |                                                                    |                      |     |                      |                        |                |  |
| *****                                                             |           |                                                                    |                      |     |                      |                        |                |  |
| TRIPLE SHIFT RATE QUOTED                                          |           |                                                                    |                      |     |                      |                        |                |  |
| PM SERVICE INCLUDED                                               |           |                                                                    |                      |     |                      |                        |                |  |
| 480V 3PHASE                                                       |           |                                                                    |                      |     |                      |                        |                |  |
| *** DIGESTER 4/5 ***                                              |           |                                                                    |                      |     |                      |                        |                |  |
| *** BLOWER BUILDING #2 ***                                        |           |                                                                    |                      |     |                      |                        |                |  |

CONTINUED

This proposal may be withdrawn if not accepted within 30 days. The above referenced Rental Protection Plan, environmental, and tax charges are estimates and are subject to change.

NOTICE: This is not a rental agreement. The rental of equipment and any items listed above is subject to availability and subject to the terms and conditions of the Rental and Service Agreement, which are available at <https://www.unitedrentals.com/legal/rental-service-terms-US> and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.

BRANCH 19B  
1910 STONEHURST DR  
RIALTO CA 92377-8500  
909-918-3214

# 252707990

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

Customer # : 939944  
Quote Date : 09/08/25  
Estimated Out : 12/05/25 09:00 AM  
Estimated In : 12/12/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID:  
P.O. # : TBD  
Ordered By : MAURICIO MARIN  
Written By : PETER GARCZEK  
Salesperson : PETER GARCZEK

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

**This is not an invoice  
Please do not pay from this document**

| RENTAL Qty                                                          | ITEMS: Equipment           | Description                                                        | Minimum              | Day | Week                 | 4 Week                | Estimated Amt. |
|---------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------|----------------------|-----|----------------------|-----------------------|----------------|
|                                                                     | *** SOUTH PERC POND PS *** |                                                                    |                      |     |                      |                       |                |
| 1                                                                   | 2403313                    | GENERATOR 300-349 KVA TIER 4<br>(Triple Shift) Single Shift Rate-> | 2,336.00<br>1,168.00 |     | 4,254.00<br>2,127.00 | 11,690.00<br>5,845.00 | 4,254.00       |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| * RATES ARE BASED ON SINGLE SHIFT OPERATION UNLESS                  |                            |                                                                    |                      |     |                      |                       |                |
| * OTHERWISE STATED                                                  |                            |                                                                    |                      |     |                      |                       |                |
| * SINGLE SHIFT = 8 HRS / DAY, 40 HRS / WEEK, 160 HRS / 4 WEEKS      |                            |                                                                    |                      |     |                      |                       |                |
| * DOUBLE SHIFT = 16 HRS / DAY, 80 HRS / WEEK, 320 HRS / 4 WEEKS     |                            |                                                                    |                      |     |                      |                       |                |
| * TRIPLE SHIFT = UNLIMITED USAGE                                    |                            |                                                                    |                      |     |                      |                       |                |
| * ** TRIPLE SHIFT RATE WILL EQUAL SINGLE SHIFT RATE TIMES 2.0 **    |                            |                                                                    |                      |     |                      |                       |                |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| * CUSTOMER IS RESPONSIBLE TO ENSURE ALL FLUID LEVELS ARE MAINTAINED |                            |                                                                    |                      |     |                      |                       |                |
| * FOR DURATION OF RENTAL AND NOTIFY UR OF ANY ISSUES PRIOR TO       |                            |                                                                    |                      |     |                      |                       |                |
| * GENERATOR FAILURE TO AVOID SERVICE CHARGES.                       |                            |                                                                    |                      |     |                      |                       |                |
| * GENERATOR MUST BE RETURNED WITH THE SAME FUEL AND FLUID LEVELS    |                            |                                                                    |                      |     |                      |                       |                |
| * IT WAS DELIVERED WITH AT THE TERM OF THE RENTAL. CUSTOMER IS      |                            |                                                                    |                      |     |                      |                       |                |
| * RESPONSIBLE FOR FUEL AND DIESEL EXHAUST FLUID (DEF), IF REQUIRED  |                            |                                                                    |                      |     |                      |                       |                |
| * DURING THE RENTAL PERIOD. UNITED RENTALS CAN PROVIDE FUEL AND DEF |                            |                                                                    |                      |     |                      |                       |                |
| * SERVICES IF REQUESTED FOR AN ADDITIONAL FEE. UNITED RENTALS       |                            |                                                                    |                      |     |                      |                       |                |
| * RECOMMENDS THE USE OF CONTAINMENT BERM OR SPILL CONTAINMENT       |                            |                                                                    |                      |     |                      |                       |                |
| * PROTECTION WHICH CAN BE PURCHASED OR RENTED UPON CUSTOMER REQUEST |                            |                                                                    |                      |     |                      |                       |                |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| TRIPLE SHIFT RATE QUOTED                                            |                            |                                                                    |                      |     |                      |                       |                |
| PM SERVICE INCLUDED                                                 |                            |                                                                    |                      |     |                      |                       |                |
| 480V 3PHASE                                                         |                            |                                                                    |                      |     |                      |                       |                |
| *** O&M ***                                                         |                            |                                                                    |                      |     |                      |                       |                |
| 1                                                                   | 2403303                    | GENERATOR 250-299 KVA TIER 4<br>(Triple Shift) Single Shift Rate-> | 2,184.00<br>1,092.00 |     | 3,723.00<br>1,861.50 | 10,240.00<br>5,120.00 | 3,723.00       |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| * RATES ARE BASED ON SINGLE SHIFT OPERATION UNLESS                  |                            |                                                                    |                      |     |                      |                       |                |
| * OTHERWISE STATED                                                  |                            |                                                                    |                      |     |                      |                       |                |
| * SINGLE SHIFT = 8 HRS / DAY, 40 HRS / WEEK, 160 HRS / 4 WEEKS      |                            |                                                                    |                      |     |                      |                       |                |
| * DOUBLE SHIFT = 16 HRS / DAY, 80 HRS / WEEK, 320 HRS / 4 WEEKS     |                            |                                                                    |                      |     |                      |                       |                |
| * TRIPLE SHIFT = UNLIMITED USAGE                                    |                            |                                                                    |                      |     |                      |                       |                |
| * ** TRIPLE SHIFT RATE WILL EQUAL SINGLE SHIFT RATE TIMES 2.0 **    |                            |                                                                    |                      |     |                      |                       |                |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| * CUSTOMER IS RESPONSIBLE TO ENSURE ALL FLUID LEVELS ARE MAINTAINED |                            |                                                                    |                      |     |                      |                       |                |
| * FOR DURATION OF RENTAL AND NOTIFY UR OF ANY ISSUES PRIOR TO       |                            |                                                                    |                      |     |                      |                       |                |
| * GENERATOR FAILURE TO AVOID SERVICE CHARGES.                       |                            |                                                                    |                      |     |                      |                       |                |
| * GENERATOR MUST BE RETURNED WITH THE SAME FUEL AND FLUID LEVELS    |                            |                                                                    |                      |     |                      |                       |                |
| * IT WAS DELIVERED WITH AT THE TERM OF THE RENTAL. CUSTOMER IS      |                            |                                                                    |                      |     |                      |                       |                |
| * RESPONSIBLE FOR FUEL AND DIESEL EXHAUST FLUID (DEF), IF REQUIRED  |                            |                                                                    |                      |     |                      |                       |                |
| * DURING THE RENTAL PERIOD. UNITED RENTALS CAN PROVIDE FUEL AND DEF |                            |                                                                    |                      |     |                      |                       |                |
| * SERVICES IF REQUESTED FOR AN ADDITIONAL FEE. UNITED RENTALS       |                            |                                                                    |                      |     |                      |                       |                |
| * RECOMMENDS THE USE OF CONTAINMENT BERM OR SPILL CONTAINMENT       |                            |                                                                    |                      |     |                      |                       |                |
| * PROTECTION WHICH CAN BE PURCHASED OR RENTED UPON CUSTOMER REQUEST |                            |                                                                    |                      |     |                      |                       |                |
| *****                                                               |                            |                                                                    |                      |     |                      |                       |                |
| TRIPLE SHIFT RATE QUOTED                                            |                            |                                                                    |                      |     |                      |                       |                |
| PM SERVICE INCLUDED                                                 |                            |                                                                    |                      |     |                      |                       |                |
| 480V 3PHASE                                                         |                            |                                                                    |                      |     |                      |                       |                |
| *** SERVICE WATER PUMPS ***                                         |                            |                                                                    |                      |     |                      |                       |                |

CONTINUED



# 252707990

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

Customer # : 939944  
Quote Date : 09/08/25  
Estimated Out : 12/05/25 09:00 AM  
Estimated In : 12/12/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID:  
P.O. # : TBD  
Ordered By : MAURICIO MARIN  
Written By : PETER GARCZEK  
Salesperson : PETER GARCZEK

**This is not an invoice  
Please do not pay from this document**

| RENTAL ITEMS:              |                                                                                               |                               |           |       |                 |        |                |
|----------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|-----------|-------|-----------------|--------|----------------|
| Qty                        | Equipment                                                                                     | Description                   | Minimum   | Day   | Week            | 4 Week | Estimated Amt. |
| 42                         | 241/7662                                                                                      | CABLE 4/0 AWG 400 AMP 50' CAM |           | 28.50 | 36.00           | 97.00  | 1,512.00       |
| 37                         | 241/5970                                                                                      | CABLE TAIL 4/0 MCAM BARE END  |           | 8.00  | 10.00           | 20.00  | 370.00         |
| Rental Subtotal:           |                                                                                               |                               |           |       |                 |        | 32,749.00      |
| SALES/MISCELLANEOUS ITEMS: |                                                                                               |                               |           |       |                 |        |                |
| Qty                        | Item                                                                                          |                               | Price     |       | Unit of Measure |        | Extended Amt.  |
| 1                          | LABOR<br>ELECTRICIAN TO CONNECT AND<br>DISCONNECT CABLE TO AND<br>FROM PANELS (WEEKEND HOURS) | [LABOR/MCI]                   | 18966.000 |       | EACH            |        | 18,966.00      |
| 1                          | DELIVERY CHARGE                                                                               |                               | 1969.740  |       | EACH            |        | 1,969.74       |
| 1                          | PICKUP CHARGE                                                                                 |                               | 1969.740  |       | EACH            |        | 1,969.74       |
| Sales/Misc Subtotal:       |                                                                                               |                               |           |       |                 |        | 22,905.48      |
| Agreement Subtotal:        |                                                                                               |                               |           |       |                 |        | 55,654.48      |
| Tax:                       |                                                                                               |                               |           |       |                 |        | 3,037.90       |
| Estimated Total:           |                                                                                               |                               |           |       |                 |        | 58,692.38      |

COMMENTS/NOTES:

ONSITE CONTACT: MAURICIO MARIN  
CELL#: 760-246-8638

**Added Fuel and Labor :\$74,999.33**

# Rent on contract with United Rentals & Sourcewell

Sourcewell 

Awarded Contract

Contract # 040924-URI

## What is Sourcewell?

Sourcewell serves as a municipal contracting agency for over 55,000 members throughout the nation with competitively awarded contract purchasing solutions through industry-leading vendors. Sourcewell membership is available to any agency of government, education (private or public) or non-profit agencies nationwide in the US and Canada at no cost, liability or obligation to the member. To become a member go to [sourcewell-mn.gov](https://sourcewell-mn.gov)

## Benefits of our partnership with Sourcewell:

- National buying agency
- Volume based pricing
- 55,000 member agencies
- Reduced vendor protests
- No cost membership
- Streamline solicitations
- Save time and money
- Sourcewell is a government entity
- Competitively bid

## United Rentals Government Solutions team offers in partnership with Sourcewell contract # 040924-URI:

- Dedicated Government Account Team
- 24/7 equipment service and emergency response
- OSHA compliant, complete knowledge of all local, state and federal regulatory safety issues
- Small Business Administration Partnerships: SDB, WBE, MBE, SDVOB, HUBZ and 8a
- Comprehensive knowledge of state, local, and federal regulations
- Experts on call for all your equipment rental needs: General Equipment, Tools Solutions, Power & HVAC, Trench Safety & Shoring, Sanitation Services and Fluid Solutions

## Contract Options

- Rent Equipment
- Sell Used Equipment
- Sell New Equipment (Atlas Copco, Multiquip, Genie)
- Safety Training
- Service and Labor
- 3rd Party Rentals

## Safety Training and Certification.

United Academy® is a comprehensive training solution designed to help you reduce the overall cost and complexity of safety training and credential tracking for your employees. With United Academy courses throughout the U.S. and Canada, you can:

- Take classes online 24/7
- Schedule training at one of our branches, or at your worksite
- Access blended learning operator certification courses: online theory and exam supported by live practical evaluations
- Select from a robust course catalog that includes OSHA 10/30, Operator Certification, Fall Protection, Trench & Evacuation Safety, and much more

For more information, visit: [UnitedAcademy.ur.com](https://UnitedAcademy.ur.com)

## Sell New Equipment

For more information on new equipment sales, please contact the Government Customer Care Team at 877-874-4468 or email: [govrents@ur.com](mailto:govrents@ur.com)



[gsa.ur.com](https://gsa.ur.com) | 877-URI-4-GOV

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[UnitedRentals.com/customer-care/terms](https://UnitedRentals.com/customer-care/terms) 2018disclosure

# Rent on contract with United Rentals & Sourcewell

Sourcewell 

Awarded Contract

Contract # 040924-URI

## Ordering Information

Contract Effective Date: 06/11/2024 - 06/11/2028

RFP# 040924

Contract Number: 040924-URI

Pricing Model: % off of list

Vendor Contract: Brad Laws  
Phone: 504-915-6013  
Email: [jlaws@ur.com](mailto:jlaws@ur.com)  
United Rentals  
100 First Stamford Place, Suite 700  
Stamford, CT 06902

Sourcewell Contracts Documents: "Contract" as used herein shall mean cumulative documentation consisting of this RFP, an entire Proposers response, and a fully executed "acceptance and award" pursuant to this RFP.  
[Request for Proposal \(RFP\) Contract Forms](#)  
[Contract](#)

Related Contract Documentation: [Proof of Publication](#)  
[Proposal Opening Record Page](#)  
[Proposal Evaluation](#)  
[Evaluation Committee Comment & Review](#)

Summary of Contract Offerings:

### Rental Equipment

[UnitedRentals.com/equipment](https://UnitedRentals.com/equipment)

United Rentals has 6 different equipment divisions to provide our customers with a full equipment offering including General Rental, Power & HVAC, Pumps Solutions, Tool Solutions, Trench Safety, Mobile Storage Solutions and Reliable Onsite Services.

Equipment Rental: For questions or to place an order [govrents@ur.com](mailto:govrents@ur.com)

### New & Used Equipment Sales

[UnitedRentals.com/used](https://UnitedRentals.com/used)

United Rentals sells quality equipment, sourced directly from top-tier manufacturers that have been maintained by the same experts who service our entire \$20 billion in fleet. For more information on New Equipment Sales, please contact the Government Customer Care Team at 877-874-4468 or email: [govrents@ur.com](mailto:govrents@ur.com).

### Customer Equipment Solutions

[UnitedRentals.com/services/equipment-maintenance/about](https://UnitedRentals.com/services/equipment-maintenance/about)

United Rental's dedicated workforce of manufacturer trained technicians will apply their expertise to maintaining and inspecting your equipment.

Sourcewell Contact: Kelly McAllister, Contract Administration Supervisor  
Phone: 218-894-5468  
Email: [kelly.mcallister@sourcewell-mn.gov](mailto:kelly.mcallister@sourcewell-mn.gov)  
202 12th Street NE, P.O. Box 219,  
Staples, MN 56479  
[www.sourcewell-mn.gov](https://www.sourcewell-mn.gov)



[gsa.ur.com](https://gsa.ur.com) | 877-URI-4-GOV

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[UnitedRentals.com/customer-care/terms/2018disclaimer](#)



POWER & HVAC  
BRANCH 19B  
1910 STONEHURST DR  
RIALTO CA 92377-8500  
909-918-3214



# RENTAL RETURN INVOICE

# 256242697-005

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

Customer # : 939944  
Invoice Date : 12/24/25  
Rental Out : 12/05/25 09:00 AM  
Rental In : 12/19/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID :  
P.O. # : 27078  
Ordered By : MAURICIO MARIN  
Reserved By : PETER GARCZEK  
Salesperson : PETER GARCZEK

Invoice Amount: \$132,235.53

Terms: Due Upon Receipt  
Payment options: Contact our credit office 704-967-4565  
REMIT TO: UNITED RENTALS (NORTH AMERICA),INC.  
PO BOX 840514  
DALLAS TX 75284-0514

## RENTAL ITEMS:

| Qty       | Equipment | Description                                                                                                                                                                                                                                                                                                                                              | Minimum              | Day                  | Week                   | 4 Week   | Amount |
|-----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|------------------------|----------|--------|
| 1         | 12130950  | GENERATOR 600-699 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: CUMMINS Model: C500D6RE<br>Serial: H250481492 Meter out: 612.50 Meter in: 928.70<br>TRIPLE SHIFT RATE QUOTED<br>PM SERVICE INCLUDED<br>480V 3PHASE<br>*** BLOWER BUILDING #1 ***                                                                                             | 4,704.00<br>2,352.00 | 7,284.00<br>3,642.00 | 20,034.00<br>10,017.00 | 7,284.00 |        |
| 1         | 11884398  | GENERATOR 600-699 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: HIMOINSA Model: 1501198<br>Serial: 524100151 Meter out: 925.00 Meter in: 940.00<br>TRIPLE SHIFT RATE QUOTED<br>PM SERVICE INCLUDED<br>480V 3PHASE<br>*** DIGESTER 4/5 ***<br>*** BLOWER BUILDING #2 ***<br>*** SOUTH PERC POND PS ***<br>Meter from prior exchange is 87.600 | 2,804.00<br>1,402.00 | 5,202.00<br>2,601.00 | 14,322.00<br>7,161.00  | 5,202.00 |        |
| 1         | 11224185  | GENERATOR 400-499 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: JCB Model: G400RST4F<br>Serial: 2656371 Meter out: 3300.90 Meter in: 3414.00                                                                                                                                                                                                 | 2,804.00<br>1,402.00 | 5,202.00<br>2,601.00 | 14,322.00<br>7,161.00  | 5,202.00 |        |
| 1         | 11442221  | GENERATOR 400-499 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: JCB Model: G400RST4F<br>Serial: 2484394 Meter out: 2684.00 Meter in: 2995.80                                                                                                                                                                                                 | 2,804.00<br>1,402.00 | 5,202.00<br>2,601.00 | 14,322.00<br>7,161.00  | 5,202.00 |        |
| 1         | 10995887  | GENERATOR 300-349 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: CUMMINS Model: C275D2RE<br>Serial: H190620354 Meter out: 4666.20 Meter in: 4982.05<br>TRIPLE SHIFT RATE QUOTED<br>PM SERVICE INCLUDED<br>480V 3PHASE<br>*** O&M ***                                                                                                          | 2,336.00<br>1,168.00 | 4,254.00<br>2,127.00 | 11,690.00<br>5,845.00  | 4,254.00 |        |
| 1         | 10964336  | GENERATOR 250-299 KVA TIER 4<br>(Triple Shift) Single Shift Rate-><br>Make: CUMMINS Model: C200D2RE<br>Serial: E190573494 Meter out: 11799.80 Meter in: 12111.40<br>TRIPLE SHIFT RATE QUOTED<br>PM SERVICE INCLUDED<br>480V 3PHASE<br>*** SERVICE WATER PUMPS ***                                                                                        | 2,184.00<br>1,092.00 | 3,723.00<br>1,861.50 | 10,240.00<br>5,120.00  | 3,723.00 |        |
| 65        | 241/7662  | CABLE 4/0 AWG 400 AMP 50' CAM                                                                                                                                                                                                                                                                                                                            |                      | 35.00                | 67.00                  | 4,355.00 |        |
| 38        | 241/5970  | CABLE TAIL 4/0 MCAM BARE END                                                                                                                                                                                                                                                                                                                             |                      | 11.00                | 16.00                  | 608.00   |        |
| CONTINUED |           |                                                                                                                                                                                                                                                                                                                                                          |                      |                      |                        |          |        |

CONTINUED

Effective February 1, 2024 and where permitted by law, United Rentals may impose a surcharge of 2.0% for credit card payments on charge accounts. This surcharge is not greater than our merchant discount rate for credit card transactions and is subject to sales tax.

NOTICE: This invoice is subject to the terms and conditions of the Rental and Service Agreement, which are available at <https://www.unitedrentals.com/legal/rental-service-terms-US> and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.



POWER & HVAC  
BRANCH 19B  
1910 STONEHURST DR  
RIALTO CA 92377-8500  
909-918-3214



# RENTAL RETURN INVOICE

# 256242697-005

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

Customer # : 939944  
Invoice Date : 12/24/25  
Rental Out : 12/05/25 09:00 AM  
Rental In : 12/19/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID :  
P.O. # : 27078  
Ordered By : MAURICIO MARIN  
Reserved By : PETER GARCZEK  
Salesperson : PETER GARCZEK

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

**Invoice Amount: \$132,235.53**

Terms: Due Upon Receipt  
Payment options: Contact our credit office 704-967-4565  
**REMIT TO:** UNITED RENTALS (NORTH AMERICA),INC.  
PO BOX 840514  
DALLAS TX 75284-0514

## RENTAL ITEMS:

| Qty | Equipment | Description                                                                                                                                                                                           | Minimum | Day      | Week     | 4 Week    | Amount   |
|-----|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|----------|-----------|----------|
| 7   | 241/5980  | CABLE TAIL 4/0 FCAM BARE END                                                                                                                                                                          |         |          |          |           | N/C      |
| 1   | 11484282  | GENERATOR 600-699 KVA TIER 4<br>Make: CUMMINS Model: C500D6RE<br>Serial: F220097527 Meter out: 3739.00 Meter in: 3922.90<br>*** STANDBY UNIT ***<br>480V 3PHASE<br>Meter from prior exchange is 1.350 |         | 2,352.00 | 3,642.00 | 10,017.00 | 7,284.00 |
| 7   | 545/1225  | 12 X 25 CONTAINMENT BERM                                                                                                                                                                              |         |          |          |           | N/C      |
| 60  | 241/7080  | CABLE RAMPS                                                                                                                                                                                           |         |          |          |           | N/C      |

Rental Subtotal: 73,981.00

## SALES/MISCELLANEOUS ITEMS:

| Qty                  | Item                                                                                        | Price                      | Unit of Measure | Extended Amt. |
|----------------------|---------------------------------------------------------------------------------------------|----------------------------|-----------------|---------------|
| 1                    | LABOR<br>ELECTRICIAN TO CONNECT/DISCONNECT<br>GENERATORS/LOAD BANK FROM<br>CUSTOMER PANELS. | [LABOR/MCI] 29745.000      | EACH            | 29,745.00     |
| 136                  | BULK DYED DIESEL SALES<br>FUELED UNIT 11429413 12/10 UPON RETURN<br>FROM SWAP               | [BULKDYEDDSL/MCI] 5.300    | EACH            | 720.80        |
| 1                    | BULK DYED DIESEL SALES<br>12/7...1,097.8 GAL/ 17 GAL DEF<br>INV# L243774                    | [BULKDYEDDSL/MCI] 6461.900 | EACH            | 6,461.90      |
| 1                    | BULK DYED DIESEL SALES<br>12/14...1,560.9 GAL<br>INV# 278486L                               | [BULKDYEDDSL/MCI] 8369.300 | EACH            | 8,369.30      |
| 60                   | BULK DYED DIESEL SALES<br>UNIT 11224185 FUELED AT YARD UPON RETURN<br>12/22                 | [BULKDYEDDSL/MCI] 5.000    | EACH            | 300.00        |
| 1                    | DELIVERY CHARGE                                                                             | 2298.030                   | EACH            | 2,298.03      |
| 1                    | PICKUP CHARGE                                                                               | 2298.030                   | EACH            | 2,298.03      |
| Sales/Misc Subtotal: |                                                                                             |                            |                 | 50,193.06     |
| Agreement Subtotal:  |                                                                                             |                            |                 | 108,322.06    |
| Fuel:                |                                                                                             |                            |                 | 15,852.00     |
| Tax:                 |                                                                                             |                            |                 | 8,061.47      |
| Total:               |                                                                                             |                            |                 | 132,235.53    |

## COMMENTS/NOTES:

ONSITE CONTACT: MAURICIO MARIN

CONTINUED



POWER & HVAC  
BRANCH 19B  
1910 STONEHURST DR  
RIALTO CA 92377-8500  
909-918-3214



# RENTAL RETURN INVOICE

# 256242697-005

Job Site

VICTOR VALLEY WASTE WATER  
20111 SHAY RD  
VICTORVILLE CA 92394-8539

Office: 760-246-8638 Cell: 760-954-6103

VICTOR VALLEY WASTEWATER  
PO BOX 370  
ADELANTO CA 92301-0370

Customer # : 939944  
Invoice Date : 12/24/25  
Rental Out : 12/05/25 09:00 AM  
Rental In : 12/19/25 09:00 AM  
UR Job Loc : 20111 SHAY RD, VICTO  
UR Job # : 5  
Customer Job ID :  
P.O. # : 27078  
Ordered By : MAURICIO MARIN  
Reserved By : PETER GARCZEK  
Salesperson : PETER GARCZEK

**Invoice Amount: \$132,235.53**

Terms: Due Upon Receipt  
Payment options: Contact our credit office 704-967-4565  
**REMIT TO:** UNITED RENTALS (NORTH AMERICA),INC.  
PO BOX 840514  
DALLAS TX 75284-0514

CELL#: 760-246-8638





# VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

## Board Of Commissioners Staff Report

**TO:** VVWRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Latif Laari, Environmental Compliance Manager

**DATE:** 01/29/2026

**SUBJECT:** **Recommendation to Authorize the General Manager to Approve a Contract with Hoch Consulting to Provide Engineering Services for the Potable Water Supply Pipeline Design and Environmental Permitting Project in an Amount Not to exceed \$399,971, Pending Legal Review and Approval of the Agreement.**

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**Fiscal Impact** Yes

**Account Code:** 01-02-000-9000-9999-R157

**Funds Budgeted/ Approved:** Yes

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### STAFF RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to approve a contract with Hoch Consulting to provide engineering services for the Potable Water Supply Pipeline Design and Environmental Permitting Project in an amount not to exceed \$399,971, Pending legal review and approval of the agreement.

### PREVIOUS ACTION(S)

None

### BACKGROUND INFORMATION

#### Current Water Supply Challenges at the regional plant:

VVWRA currently relies on two groundwater wells to provide approximately 60 gallons per minute (gpm) to support the Regional Treatment Plant, American Organics, and Anaergia facilities. These existing wells present significant operational challenges:

1. Contamination Risk: The wells are located adjacent to wastewater facilities, creating elevated contamination risks to the potable water supply.
2. The current water quality does not meet appropriate drinking water standards and staff at VVWRA and American Organic have to drink only bottled water
3. Insufficient Fire Flow Capacity: The current system fails to meet the required 3,000 gpm fire flow demand for American Organics facilities at the required 40 psi residual pressure.

In addition to the operational challenges detailed above, in 2022 VVWRA had an annual inspection from the California Department of Drinking Water (DDW) to inspect our potable water system. In the report generated by the DDW inspection, they made a recommendation that our current operations are not sustainable and that we need to consider upgrading our potable system to acceptable drinking water standards. A study was completed in 2023 by Civiltec Engineering to

evaluate what potable water system would need to be installed to meet the required quality and volume standards. The final study proposed the need for a new deep water well outside the VVWRA operations, a connecting water pipe back to the facility and an ion-exchange treatment system to remove any negative constituents. The engineering estimate to construct all of those assets was over \$12M. Due to the high cost of constructing an acceptable drinking water system, the decision was made to seek alternative options, including a potable connection to the City of Victorville's potable water system.

### **Project Objectives:**

To address these deficiencies and concerns, VVWRA is pursuing the design and construction of a new potable water supply pipeline that will:

- Connect to the City of Victorville's 18-inch potable water main near the High Desert Power Plant
- Provide a safe, reliable potable water source for the Authority, American Organics, and Anaergia
- Ensure fire flow delivery of 3,000+ gpm at greater than 40 psi residual pressure
- Establish separate service meters for the Authority and American Organics
- Secure necessary easements and permits across federal property (U.S. Air Force/San Diego Logistics Airport)
- Deliver final contract documents suitable for bidding and construction

### **Project Feasibility:**

This project is supported by a 2023 Feasibility Study (**Exhibit 1**) and subsequent planning efforts, which determined that the project is feasible, constructible, and critical for fire safety and potable water reliability.

### **Procurement Process:**

In September 2025, VVWRA issued a Request for Proposals seeking qualified engineering firms to provide design, environmental permitting, and construction support services for the pipeline project. The RFP was advertised publicly and posted on the PlanetBids procurement portal. A total of two bids were received, both determined to be qualified and responsive:

| <b>Engineering Firm</b> | <b>Bid Amount for all tasks</b> |
|-------------------------|---------------------------------|
| Hoch Consulting         | \$399,971                       |
| Dudek                   | \$664,000                       |

Following a comprehensive and thorough review of all proposals received for the Potable Water Supply Pipeline Design, Environmental Permitting, and Construction Support Services project, VVWRA has determined that Hoch Consulting's proposal is the most responsive to the Authority's requirements and project objectives. Based on the evaluation of all required criteria, including technical approach, relevant experience, project management capabilities, qualifications of key personnel, technical resources, proposed schedule, and cost, Hoch Consulting has been identified as the firm best suited to successfully deliver this critical infrastructure project.

### **Contract Scope of Services:**

The contract with Hoch Consulting will encompass the following services (**Exhibit 2**):

#### **Tasks 1--7**

VVWRA intends to award the contract to Hoch Consulting for Tasks 1 through 7 at this time in the not-to-exceed amount of \$399,971.00. These tasks include:

- Task 1: Project Administration and Management
- Task 2: Environmental Documentation and Permitting (CEQA Mitigated Negative Declaration)

- Task 3: Preliminary Design (topographic survey, utility research, geotechnical investigation, hydraulic analysis)
- Task 4: Final Design (Plans, Specifications, and Estimates at 50%, 90%, and 100% design stages)
- Task 5: Funding Support (optional funding strategy and grant assistance)
- Task 6: Assistance During Bidding (bidder coordination, addenda, bid evaluation)
- Task 7: Engineering Services During Construction (submittal review, RFIs, design clarifications, progress meetings)

Based on the background information and the results of the RFP, staff recommends that the Board of Commissioners authorize the General Manager to execute a contract with Hoch Consulting to provide engineering services for the Potable Water Supply Pipeline Design and Environmental Permitting Project in an amount not to exceed \$399,971, Pending legal review and approval of the agreement.

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### **Attachments**

Exhibit 1  
Exhibit 2

## DRAFT FEASIBILITY REPORT

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**To:** Latif Laari, M.Eng PMP  
**From:** Russ Bergholz, PE  
**Subject:** VVWRA Regional WWTP Water Pipeline Feasibility Study  
**Date:** June 2023  
**cc:** Darron Poulsen  
**Attachment(s):** Attachment A – VVWRA Potable Water Consumption Data  
Attachment B – Reclaimed Water Supply Analysis  
Attachment C – Preliminary Estimate of Probable Construction Cost  
Attachment D – Preliminary Schedule

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The following report investigates the details and feasibility of constructing a new dedicated potable water pipeline from the City of Victorville to service the Victor Valley Wastewater Reclamation Authority (VVWRA) Regional Treatment Plant property. Due to the plant's location relative to the nearest potable water supply source, construction of a potable water supply will be a significant effort and cost, considering the minimal distance of the new pipeline will be over one mile. This feasibility report will provide the background, connection locations, alignment, stakeholders, general project description, and estimated cost to be provided to VVWRA with the funding requirements and information necessary to proceed with the environmental permitting phase of the project.

### Background

The VVWRA Regional Treatment Plant is currently operating two groundwater wells to provide potable water to support both the VVWRA Regional treatment plant located at 20111 Shay Rd Victorville, CA 92394, and a separate private business, American Organics, leasing land from VVWRA along Shay Road. The existing wells supply water to sinks, showers, eye washes, seal water, the digester heat loop, and other minor demands. The wells provide potable water via a 3-inch pipe along Shay Road to American Organics.

These two potable water wells are located immediately near wastewater treatment plant facilities, posing a higher risk of contamination, and based on several water sampling results and annual inspections results, the Regional Water Quality Control Board has informed VVWRA on many occasions to take corrective actions and address the fact that the existing wells are borderline not suitable for potable water production. These corrective actions will require the complete rehabilitation of the current potable water system and possibly the installation of a costly treatment system. To eliminate any risk to its employees, visitors, or neighbors, VVWRA chooses to find another safe and reliable potable water supply source to meet all local and state regulations.

VVWRA has conducted an initial inquiry with the City of Victorville (City) to identify a potable water source connection point. The closest connection point is adjacent to the High Desert Power Plant on the George Air Force Base airport property, approximately one mile south of VVWRA. A 12-inch recycled water pipeline extending between VVWRA and the airport was constructed about 20 years ago. This pipeline both provides American Organics with fire hydrant supply/dust mitigation water and the City of Victorville with recycled water to offset potable water usage.

VVWRA also plans to add an anaerobic digestion solution provider, Anaergia, to transform waste into renewable fuel, clean water, and fertilizer. Therefore, water supply needs as part of this project will include Anaergia.

## Goals/Objectives

The following are the goals and objectives of this feasibility report:

### Goals

- Identify and describe a feasible project description that will successfully provide VVWRA and American Organics with a City of Victorville potable water supply source.
- Include in this project description the ability for the City of Victorville to provide fire flow to service the American Organics buildings.
- Include in the project the ability for VVWRA and American Organics to have separate service meters for potable water supply.

### Objectives:

- Identify the appropriate pipeline size for servicing VVWRA and American Organics.
- Identify the requirements of the City of Victorville to connect to its existing potable water infrastructure.
- Identify the requirements from the Air Force Base to acquire construction and permanent access easements for the construction within Air Force property.
- Locate the recommended water meter and hydrant locations to serve VVWRA and American Organics.
- Provide an estimate of the potential construction cost and schedule to complete the infrastructure improvements.

## Stakeholders

The following table provides contact information for stakeholders on the project:

**Table 1. Contacts for Easement Process**

| Name         | Affiliation                | Title                            | Contact                                 | Role in this Project                                                           |
|--------------|----------------------------|----------------------------------|-----------------------------------------|--------------------------------------------------------------------------------|
| Latif Laari  | VVWRA                      | Environmental Compliance Manager | (760) 954-5083<br>llaari@vwwraca.gov    | ▪ Project Manager for the proposed waterline project                           |
| Don Gronstal | George Air Force Base      | Project Manager                  | donald.gronstal@us.af.mil               | ▪ Project Manager for the Air Force Base                                       |
| Calvin Cox   | Cherokee Nation Businesses | Senior Environmental Scientist   | (760) 246-5360<br>Calvin.cox@cn-bus.com | ▪ Environmental and permitting liaison between the City and the Air Force Base |

|               |                                          |                  |                                                |                                                                                                                                                                                                                                                               |
|---------------|------------------------------------------|------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eric Ray      | Southern California Logistics Airport    | Airport Director | (760) 243-1900                                 | <ul style="list-style-type: none"> <li>Responsible for managing airport property leased by the Air Force</li> <li>The lease agreement contains requirements for activities on the land (coordination for access, environmental requirements, etc.)</li> </ul> |
| Brian Baumer  | City of Victorville, Planning Department | Legal Attorney   | Cell: (214) 475-9249<br>Office: (210) 395-0413 | <ul style="list-style-type: none"> <li>Will need to legally establish easement</li> </ul>                                                                                                                                                                     |
| Keith Metzler | City of Victorville, Planning Department | City Manager     | (760) 955-5029                                 | <ul style="list-style-type: none"> <li>City Engineers will need his approval.</li> <li>Coordination between the City and the Air Force</li> </ul>                                                                                                             |

## Research

The following materials were collected and reviewed as part of the project investigation:

**Table 2. Reference Materials**

| Document                                                                                                      | Description                                                                                                   | Provided By |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------|
| Southern California Logistics Airport Reclaimed Water Pipeline Drawings                                       | Record drawings for the City of Victorville's existing 16" recycled waterline                                 | VVWRA       |
| VVWRA Wastewater Reclamation Plant Expansion Drawings                                                         | Record drawings for VVWRA's 24" pipeline from the secondary effluent equipment to the south percolation ponds | VVWRA       |
| Victor Valley Regional Water Reclamation Plant Record Drawings                                                | Original 1976 drawings for the VVWRA treatment plant                                                          | VVWRA       |
| VVWRA Sewer Master Plan Interceptor Condition Assessment Field Data Sheet Figure                              | Figure showing the alignment of the VVWRA sewer interceptor                                                   | VVWRA       |
| Schedules 1 & 2 Relief Interceptor Sewer Drawing                                                              | Plan and profile drawings for the VVWRA sewer interceptor                                                     | VVWRA       |
| Athens Victor Valley Organics Figure                                                                          | Figure showing site plan of American Organics facilities                                                      | VVWRA       |
| Reclaimed Water Supply Analysis Report                                                                        | A report analyzing VVWRA's recycled water supply to American Organics in terms of fire flow and water quality | VVWRA       |
| Water Quality Management Plan for American Organics Composting Facility                                       | American Organics facilities' WQMP document                                                                   | VVWRA       |
| American Organics Concept Plan Figure                                                                         | Site plan of current and future planned American Organics areas and facilities                                | VVWRA       |
| Final Initial Study for the American Organics Victor Valley Regional Composting Facility Modification Project | Environmental document for American Organics development                                                      | VVWRA       |



|                                                                                                                           |                                                                                                                      |                     |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------|
| Water Improvement Plan Re-Zone 1A, Fire Flow 29,30 Pipeline – Partial Build Hesperia Road & Green Tree Boulevard Drawings | Drawings showing examples of the City's standard connection details and pressure-reducing valve (PRV)                | City of Victorville |
| Potable Water Consumption 1-1-22 to 12-31-22                                                                              | Excel file showing VVWRA's and American Organics' potable water demands for 2022                                     | VVWRA               |
| W-28 RPDA and W-39 RP                                                                                                     | Standard details for a fire service reduced pressure detector assembly and a meter reduced pressure backflow device. | City of Victorville |

## Water Demands and Pipe Sizing

Existing potable water demands at VVWRA, American Organics, and Anaergia were analyzed to determine a preliminary size for the proposed pipeline. The upstream portion of the pipeline from the City of Victorville connection point to the VVWRA property line will convey water that will serve the WWTP, American Organics, and Anaergia. This pipeline reach must provide daily water demands and hydrant fire flow. After passing the American Organics site near the VVWRA property line, the pipeline will be downsized for the remainder of the alignment to the WWTP for only daily water demands since the WWTP has fire flow capability on-site. A summary of the potable water demands upstream of the meter is shown in Table 3 below.

**Table 3. Potable Water Demand Summary Upstream of the Meter**

|                                           | VVWRA WWTP              | American Organics        | Anaergia                |
|-------------------------------------------|-------------------------|--------------------------|-------------------------|
| 2022 Daily Maximum Flow                   | 20.4 gpm <sup>(1)</sup> | 3.6 gpm <sup>(1)</sup>   | 34.7 gpm <sup>(3)</sup> |
| <b>TOTAL for all sites</b>                | <b>58.7 gpm</b>         |                          |                         |
| Assumed Fire Flow                         | 0 gpm                   | 3,000 gpm <sup>(2)</sup> | 0 gpm <sup>(3)</sup>    |
| Daily Flow + Fire Flow                    | 20.4 gpm                | 3,003.6 gpm              | 34.7 gpm                |
| <b>TOTAL with Fire Flow for all sites</b> | <b>3,058.7 gpm</b>      |                          |                         |

<sup>(1)</sup> Potable water consumption data provided by VVWRA (see Attachment A)

<sup>(2)</sup> Jensen Hughes Reclaimed Water Supply Analysis (see Attachment B)

<sup>(3)</sup> Estimates provided by Andrew Dale at Anaergia

Given a total assumed maximum daily demand *with* a fire flow of approximately 3,060 gpm, a 12-inch pipeline would experience a flow velocity of 8.7 feet per second (fps). At the daily maximum flow without fire flow (~60 gpm), the flow velocity in the pipe would be approximately 0.2 fps. Although it is advantageous to keep flow velocity in the pipe below 7.5 fps to avoid wear and tear on the pipe, a fire flow scenario is a rare occurrence, so this sizing is acceptable. Therefore, the installation of a 12-inch pipeline is recommended from the City connection to the VVWRA meter.

North of the VVWRA meter, the pipeline will decrease in size to serve the WWTP and Anaergia. Neither will require fire service from the potable connection. A summary of the potable water demands downstream of the meter is shown in Table 4 below.

**Table 4. Potable Water Demand Summary Downstream of the VVWRA Meter**

|                             | VVWRA WWTP              | Anaergia                |
|-----------------------------|-------------------------|-------------------------|
| 2022 Daily Maximum Flow     | 20.4 gpm <sup>(1)</sup> | 34.7 gpm <sup>(3)</sup> |
| <b>TOTAL for both sites</b> | <b>55.1 gpm</b>         |                         |

<sup>(1)</sup> Potable water consumption data provided by VVWRA (see Attachment A)

<sup>(3)</sup> Estimates provided by Andrew Dale at Anaergia

Given a total assumed maximum daily demand of approximately 55 gpm, a 4-inch pipeline would experience a velocity of 1.4 fps. At this velocity, the water would take approximately 27 hours to travel from the City connection point to the VVWRA treatment plant. An 8-inch pipeline would take 30.5 hours. A 4-inch pipeline would decrease the travel time by 3.5 hours, which is advantageous for water quality as there is less time for decay of chlorine residual. However, the additional 3.5 hours may be a reasonable tradeoff for additional capacity for fire flow. VVWRA and the City will decide which scenario is preferred.

The City of Victorville has verbally confirmed that they have the available capacity within their system to provide the above demands. It is assumed the City will conduct an internal evaluation (potentially through hydraulic modeling) to validate this condition during the design review and permitting process.

## Project Location and Alignment

A vicinity map showing the project location is shown in Figure 1.



*Figure 1 Vicinity Map*

The proposed alignment for the potable waterline is shown in Figure 2.

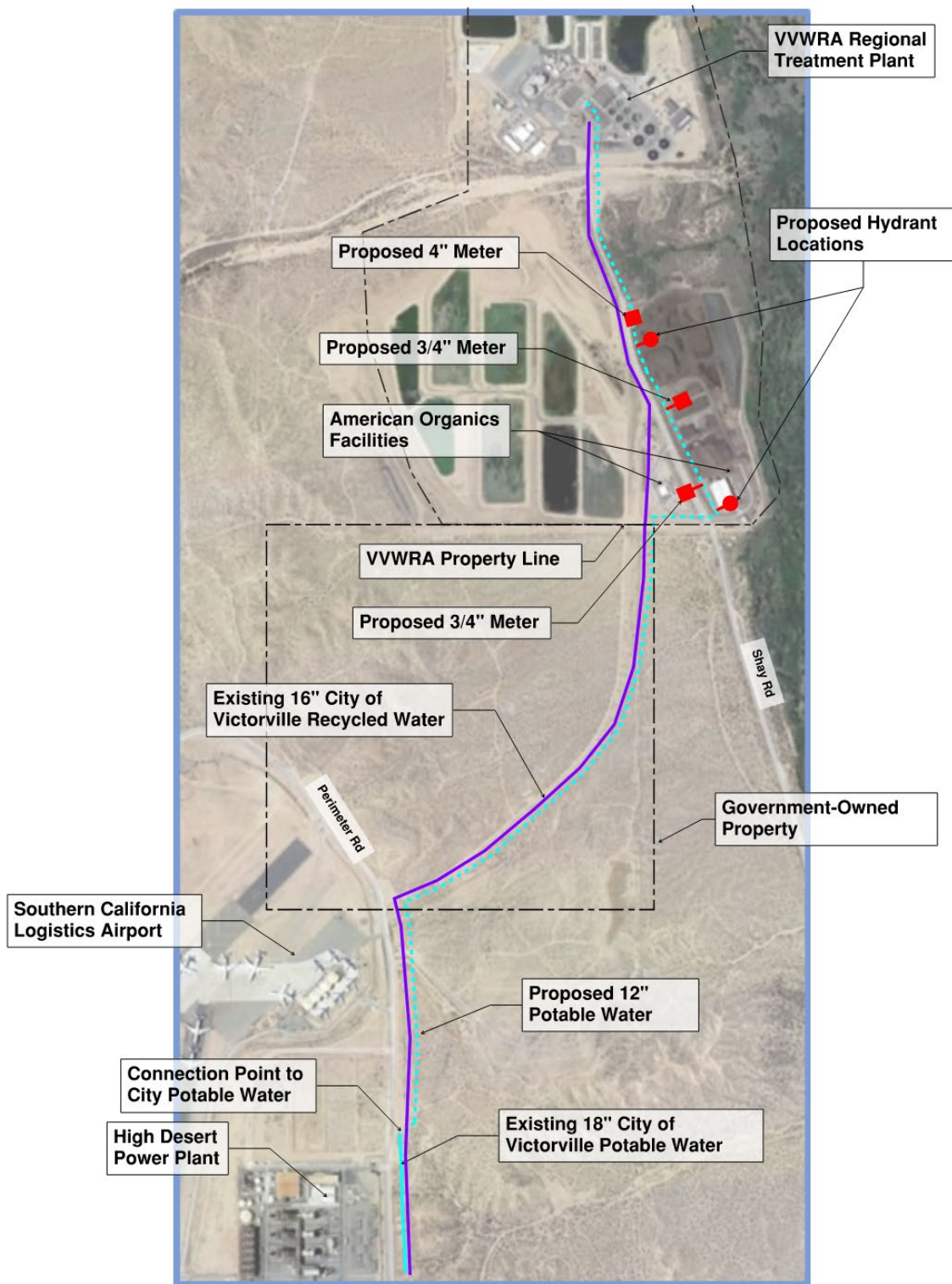
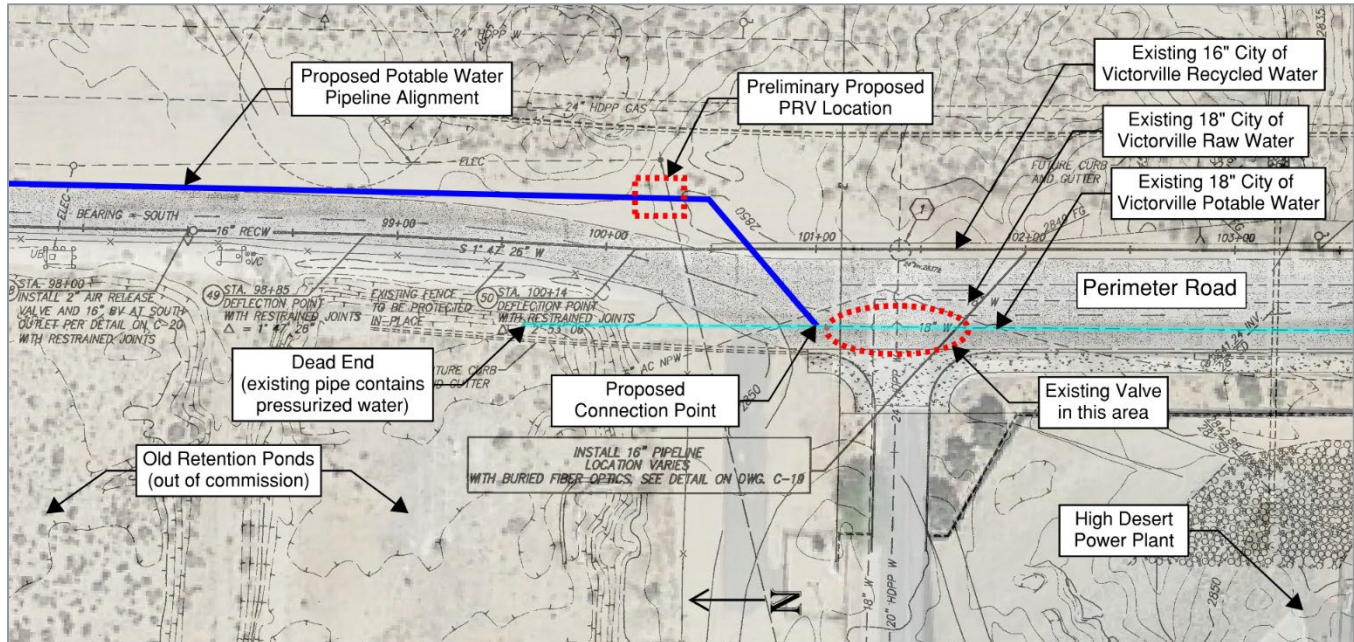


Figure 2 Proposed Alignment



## City Connection

The proposed point of connection to the 18-inch City of Victorville potable water line is shown in Figure 3.



*Figure 3 Connection to Existing City of Victorville 18-inch Waterline*

The connection to the City of Victorville potable water system will be made at an existing 18-inch waterline on the west side of Perimeter Road by the High Desert Power Plant. This waterline was previously used to discharge into now-decommissioned retention ponds. The waterline currently is a dead end, but it contains pressurized water in order to provide pressure to the upstream system. The City indicated during the site visit that there is an existing valve upstream of the proposed connection point, near the entrance to the power plant. To make the connection, the existing valve will be closed, the downstream portion of the pipe will be drained, and an 18" x 12" wye will be installed. The connection will adhere to the City of Victorville's standards.

A PRV will be required near the connection point to adhere to the City's desired maximum pressure at the meters. During the site visit, the City expressed their preference that the PRV station be on the east side of the road after the connection. The proposed location is shown in Figure 3. The PRV station design will adhere to the City's standards. An example of a standard PRV station detail used by the City is shown in Figure 4.

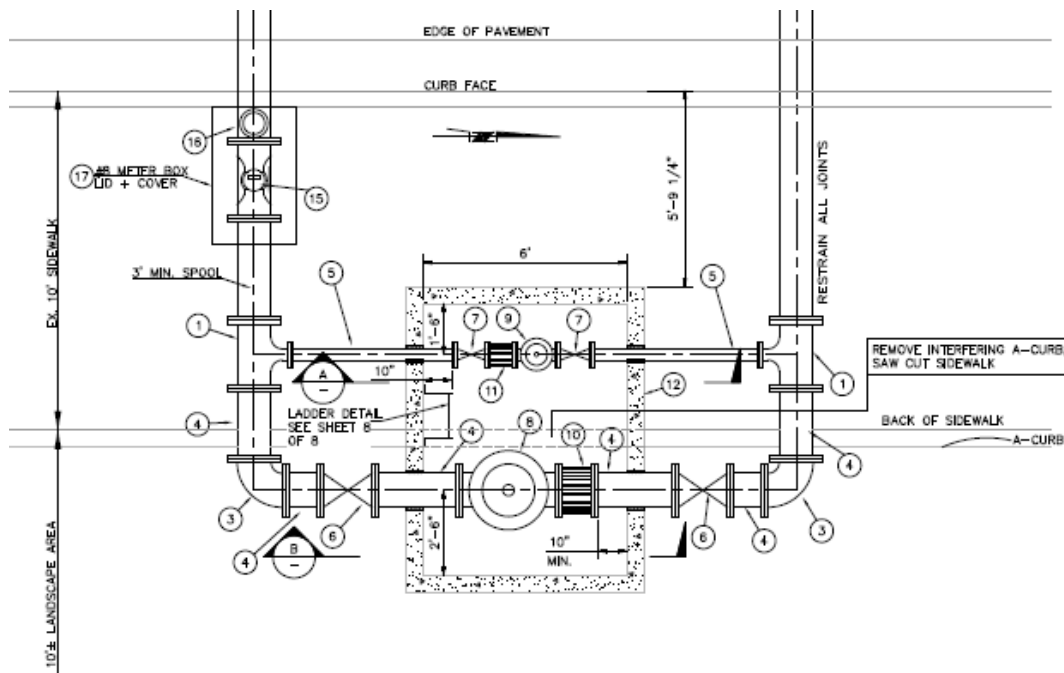


Figure 4 City of Victorville Standard PRV Station Detail

## Alignment Constraints and Easements

After leaving Perimeter Road, the pipeline will follow parallel to the existing recycled water pipeline along a gentle arc down grade to the VVWRA property line; a distance of approximately 6,000 linear feet and vertical drop of approximately 200 feet. City of Victorville standards require that the new potable water line maintains a minimum of 4 feet of horizontal separation and is installed 1 foot above the existing recycled water pipeline (unless the pipeline is installed with 10 feet of separation, in which case there is no vertical requirement).

The Air Force indicated that there are existing landfills in the vicinity, but that the proposed alignment will not cross any of them. There is a high likelihood environmental mitigation will be necessary when working in this area, most notably protection from the desert tortoise.

## Water Service Meters and Hydrants

It is assumed the potable water pipeline will be installed east of Shay Road in the shoulder. Two ¾-inch meters will be installed on the east and west side of Shay Road to service American Organics' Materials Processing Building and Administrative Building. Two fire hydrants will also be installed to service American Organics. Each new fire hydrant will be installed with a reduced pressure detector assembly, and each meter will be installed with a reduced pressure backflow device per the City's standards. After the northernmost potable water fire hydrant, the pipeline will decrease in size from 12 inches to 4 inches. A 12" x12" x12" tee will be installed with a blind flange on the south side of the site to allow the City to easily connect into the pipeline to create a looped system down Shay Road in the future (see Figure 5).

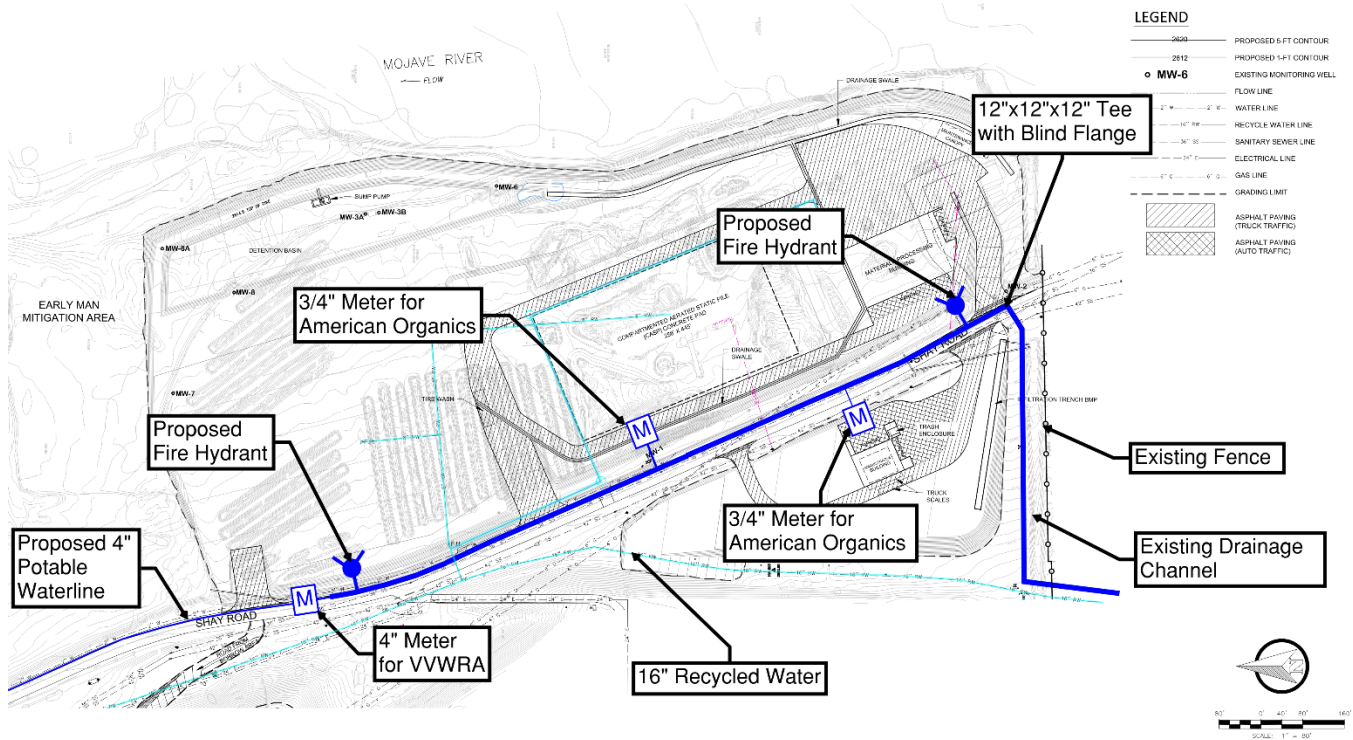


Figure 5 Proposed Meter and Hydrant Locations

## On-site Infrastructure

Once the pipeline reaches the VVWRA property line, it will connect into the VVWRA treatment plant, American Organics, and the Anaergia site to provide potable water. Potable water will be used for the following purposes at each site:

- VVWRA Regional WWTP: Sinks, showers, eye washes, seal water, digester head loop, and other minor demands
- American Organics: Drinking water, fire service
- Anaergia: Bathrooms, showers, potable backup for recycled water used for chemical scrubbers and make down

American Organics currently has existing fire hydrants on-site that are supplied by VVWRA recycled water. There will be no interconnection between the new potable water system and the existing recycled water system. Hydrants supplied by recycled water hydrants are clearly marked.

All new potable water pipe from the connection at the High Desert Power Plant to the second hydrant in Shay Road will be owned by the City of Victorville. An easement will be required to be granted to the City of Victorville for access and maintenance of pipe within VVWRA property. As part of the construction of the pipeline within the Federal lands, a temporary construction easement will be necessary, granted to VVWRA. Post construction, a permanent access and maintenance easement within Federal lands will be necessary, granted to the City of Victorville.



## Environmental/Permitting

Because of the high potential for multiple protected species and the landfills in the area, it is assumed this project will not qualify for a Notice of Exemption, and a full environmental report will be required. Additionally, a City of Victorville utility permit (including a stormwater inspection form and traffic control plans) will be required for any work done within the City's right-of-way. The Contractor will also be required to complete a Stormwater Pollution Prevention Plan (SWPPP) in accordance with State Water Resources Control Board (SWRCB) guidelines.

Coordination with SCE and the High Desert Power Plant may be required to ensure all separation and protection requirements are met for the nearby power poles and gas line, respectively.

Coordination and documentation will be required with the Air Force and the City of Victorville to establish a utility easement for the proposed pipeline.

## Project Feasibility

The completion of a successful project includes construction of an approximately 6,000-linear foot, 12-inch potable water pipeline from Perimeter Road to the VVWRA property line, a PRV and vault, an approximately 4,000-linear foot, 6-inch waterline connecting to the VVWRA treatment plant, two fire hydrants and two meters to serve American Organics, and one meter for VVWRA. There is sufficient land space, a location for connection, and capacity within the City's system to incorporate the above elements into a constructible design.

In order to successfully construct this project, there will likely need to be formal environmental permitting for working on federal lands. Additionally, formal documentation of easements has not been located, and will need to be defined prior to construction.

## Estimate of Probably Construction Cost

The preliminary estimate of probable construction cost is \$2.4 million. This is a Class 4 Construction Cost Estimate based on the Feasibility of Design Level, using vendor/supplier/manufacturer quotations and recent contract bid award data. A more detailed breakdown of this total cost and a definition of the estimate classes is included in Attachment C.

## Estimate of Project Schedule

The preliminary project schedule is provided in Attachment D. It shall be noted that until discussions begin with the Air Force Base, the time it will take to obtain an easement is unknown. The schedule is currently estimating 200 days for this task, in parallel with the estimated duration for the preparation of the environmental documents. This number can be refined and updated as discussions proceed with the Air Force Base.

The preliminary proposed construction phasing is as follows:

1. Construct 12-inch and 4-inch potable water line from the High Desert Power Plant to the VVWRA Treatment Plant.
2. Install fire hydrants and meters on VVWRA property.
1. Coordinate with the City of Victorville to close existing valve on the 18-inch City of Victorville potable waterline on Perimeter Road.
2. Drain 18-inch waterline downstream of valve.
3. Complete tie-in of new 12-inch waterline to existing 18-inch waterline by installing 18" x 12" wye.
4. Open existing valve.
5. Perform hydrostatic testing and disinfection.

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## **ATTACHMENT A – VVWRA Potable Water Consumption Data**

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| 1/1/2022-12/31/2022 | VVWRA Est Water Usage GPD | American Organics Est Water Usage GPD |
|---------------------|---------------------------|---------------------------------------|
| 1/1/2022            | 4007                      | 118                                   |
| 1/2/2022            | 3193                      | 231                                   |
| 1/3/2022            | 4959                      | 670                                   |
| 1/4/2022            | 4914                      | 626                                   |
| 1/5/2022            | 5036                      | 695                                   |
| 1/6/2022            | 4017                      | 634                                   |
| 1/7/2022            | 4155                      | 947                                   |
| 1/8/2022            | 3563                      | 369                                   |
| 1/9/2022            | 6631                      | 386                                   |
| 1/10/2022           | 4503                      | 707                                   |
| 1/11/2022           | 3488                      | 691                                   |
| 1/12/2022           | 3626                      | 736                                   |
| 1/13/2022           | 3465                      | 814                                   |
| 1/14/2022           | 3237                      | 1240                                  |
| 1/15/2022           | 5044                      | 400                                   |
| 1/16/2022           | 3191                      | 359                                   |
| 1/17/2022           | 4042                      | 807                                   |
| 1/18/2022           | 3652                      | 779                                   |
| 1/19/2022           | 3913                      | 900                                   |
| 1/20/2022           | 3876                      | 822                                   |
| 1/21/2022           | 2705                      | 641                                   |
| 1/22/2022           | 1908                      | 26                                    |
| 1/23/2022           | 3895                      | 156                                   |
| 1/24/2022           | 4188                      | 843                                   |
| 1/25/2022           | 4024                      | 945                                   |
| 1/26/2022           | 3894                      | 839                                   |
| 1/27/2022           | 3922                      | 819                                   |
| 1/28/2022           | 2326                      | 632                                   |
| 1/29/2022           | 2552                      | 36                                    |
| 1/30/2022           | 5216                      | 155                                   |
| 1/31/2022           | 4577                      | 853                                   |
| 2/1/2022            | 4179                      | 811                                   |
| 2/2/2022            | 4150                      | 756                                   |
| 2/3/2022            | 4014                      | 814                                   |
| 2/4/2022            | 2331                      | 567                                   |
| 2/5/2022            | 2154                      | 32                                    |
| 2/6/2022            | 3862                      | 164                                   |
| 2/7/2022            | 4182                      | 789                                   |
| 2/8/2022            | 4948                      | 789                                   |
| 2/9/2022            | 5200                      | 781                                   |
| 2/10/2022           | 5095                      | 932                                   |
| 2/11/2022           | 3875                      | 796                                   |
| 2/12/2022           | 3299                      | 15                                    |
| 2/13/2022           | 5726                      | 154                                   |
| 2/14/2022           | 4834                      | 1318                                  |
| 2/15/2022           | 3912                      | 972                                   |



|           |       |      |
|-----------|-------|------|
| 2/16/2022 | 3386  | 776  |
| 2/17/2022 | 2713  | 830  |
| 2/18/2022 | 3104  | 937  |
| 2/19/2022 | 3064  | 321  |
| 2/20/2022 | 3338  | 474  |
| 2/21/2022 | 4048  | 1584 |
| 2/22/2022 | 4862  | 1262 |
| 2/23/2022 | 5501  | 2533 |
| 2/24/2022 | 5864  | 1580 |
| 2/25/2022 | 3897  | 1295 |
| 2/26/2022 | 3697  | 284  |
| 2/27/2022 | 5212  | 1127 |
| 2/28/2022 | 5873  | 1208 |
| 3/1/2022  | 6154  | 3243 |
| 3/2/2022  | 4376  | 2650 |
| 3/3/2022  | 3747  | 1225 |
| 3/4/2022  | 3266  | 2433 |
| 3/5/2022  | 2179  | 192  |
| 3/6/2022  | 3246  | 722  |
| 3/7/2022  | 3918  | 1826 |
| 3/8/2022  | 4425  | 1134 |
| 3/9/2022  | 3764  | 754  |
| 3/10/2022 | 6585  | 2754 |
| 3/11/2022 | 2588  | 1214 |
| 3/12/2022 | 1905  | 228  |
| 3/13/2022 | 2880  | 605  |
| 3/14/2022 | 4048  | 1336 |
| 3/15/2022 | 4038  | 1163 |
| 3/16/2022 | 3100  | 686  |
| 3/17/2022 | 2992  | 1104 |
| 3/18/2022 | 1939  | 638  |
| 3/19/2022 | 1655  | 41   |
| 3/20/2022 | 3336  | 1016 |
| 3/21/2022 | 4322  | 2112 |
| 3/22/2022 | 3266  | 1069 |
| 3/23/2022 | 4127  | 1498 |
| 3/24/2022 | 3273  | 1394 |
| 3/25/2022 | 3499  | 2470 |
| 3/26/2022 | 3319  | 2086 |
| 3/27/2022 | 4587  | 2487 |
| 3/28/2022 | 6616  | 4172 |
| 3/29/2022 | 6023  | 4162 |
| 3/30/2022 | 6002  | 4041 |
| 3/31/2022 | 13961 | 4686 |
| 4/1/2022  | 6600  | 3796 |
| 4/2/2022  | 4877  | 4081 |
| 4/3/2022  | 6419  | 4695 |

|           |       |      |
|-----------|-------|------|
| 4/4/2022  | 7929  | 4486 |
| 4/5/2022  | 13199 | 4428 |
| 4/6/2022  | 11116 | 4280 |
| 4/7/2022  | 8978  | 4345 |
| 4/8/2022  | 6826  | 3725 |
| 4/9/2022  | 9029  | 4215 |
| 4/10/2022 | 13177 | 5237 |
| 4/11/2022 | 11189 | 4475 |
| 4/12/2022 | 10155 | 3848 |
| 4/13/2022 | 9068  | 3597 |
| 4/14/2022 | 9715  | 4307 |
| 4/15/2022 | 9455  | 4994 |
| 4/16/2022 | 9527  | 3626 |
| 4/17/2022 | 10966 | 5219 |
| 4/18/2022 | 10795 | 4471 |
| 4/19/2022 | 9633  | 4289 |
| 4/20/2022 | 9808  | 3990 |
| 4/21/2022 | 11250 | 4630 |
| 4/22/2022 | 8525  | 3341 |
| 4/23/2022 | 9815  | 3907 |
| 4/24/2022 | 11050 | 4792 |
| 4/25/2022 | 10817 | 4974 |
| 4/26/2022 | 10431 | 4333 |
| 4/27/2022 | 7364  | 4877 |
| 4/28/2022 | 12729 | 3035 |
| 4/29/2022 | 7375  | 3169 |
| 4/30/2022 | 8810  | 4276 |
| 5/1/2022  | 11375 | 4838 |
| 5/2/2022  | 8305  | 4280 |
| 5/3/2022  | 16061 | 4692 |
| 5/4/2022  | 10691 | 3427 |
| 5/5/2022  | 15841 | 4826 |
| 5/6/2022  | 10012 | 4447 |
| 5/7/2022  | 12766 | 3433 |
| 5/8/2022  | 13118 | 4264 |
| 5/9/2022  | 21555 | 1190 |
| 5/10/2022 | 27131 | 851  |
| 5/11/2022 | 23273 | 780  |
| 5/12/2022 | 24725 | 1134 |
| 5/13/2022 | 19295 | 417  |
| 5/14/2022 | 24399 | 558  |
| 5/15/2022 | 25896 | 844  |
| 5/16/2022 | 24330 | 769  |
| 5/17/2022 | 24651 | 754  |
| 5/18/2022 | 23929 | 512  |
| 5/19/2022 | 23391 | 818  |
| 5/20/2022 | 22625 | 925  |

|           |       |      |
|-----------|-------|------|
| 5/21/2022 | 29233 | 56   |
| 5/22/2022 | 29301 | 652  |
| 5/23/2022 | 27347 | 1175 |
| 5/24/2022 | 18665 | 862  |
| 5/25/2022 | 17120 | 259  |
| 5/26/2022 | 20971 | 942  |
| 5/27/2022 | 15156 | 77   |
| 5/28/2022 | 19872 | 686  |
| 5/29/2022 | 16925 | 631  |
| 5/30/2022 | 21381 | 551  |
| 5/31/2022 | 19928 | 983  |
| 6/1/2022  | 21353 | 1981 |
| 6/2/2022  | 19112 | 1424 |
| 6/3/2022  | 14874 | 611  |
| 6/4/2022  | 20220 | 1197 |
| 6/5/2022  | 20535 | 1213 |
| 6/6/2022  | 17873 | 1297 |
| 6/7/2022  | 23328 | 1382 |
| 6/8/2022  | 18752 | 800  |
| 6/9/2022  | 26691 | 1998 |
| 6/10/2022 | 16741 | 1069 |
| 6/11/2022 | 18462 | 1074 |
| 6/12/2022 | 22582 | 1512 |
| 6/13/2022 | 18446 | 694  |
| 6/14/2022 | 23754 | 522  |
| 6/15/2022 | 22262 | 1305 |
| 6/16/2022 | 21806 | 732  |
| 6/17/2022 | 19351 | 426  |
| 6/18/2022 | 23860 | 182  |
| 6/19/2022 | 24398 | 457  |
| 6/20/2022 | 26575 | 885  |
| 6/21/2022 | 23402 | 596  |
| 6/22/2022 | 20384 | 167  |
| 6/23/2022 | 23623 | 853  |
| 6/24/2022 | 19918 | 339  |
| 6/25/2022 | 25137 | 179  |
| 6/26/2022 | 25317 | 500  |
| 6/27/2022 | 25020 | 629  |
| 6/28/2022 | 26111 | 701  |
| 6/29/2022 | 23362 | 678  |
| 6/30/2022 | 25856 | 278  |
| 7/1/2022  | 19270 | 486  |
| 7/2/2022  | 24302 | 37   |
| 7/3/2022  | 28248 | 421  |
| 7/4/2022  | 23041 | 532  |
| 7/5/2022  | 24792 | 546  |
| 7/6/2022  | 20404 | 602  |

|           |       |      |
|-----------|-------|------|
| 7/7/2022  | 22206 | 690  |
| 7/8/2022  | 16525 | 321  |
| 7/9/2022  | 21972 | 193  |
| 7/10/2022 | 25046 | 620  |
| 7/11/2022 | 20471 | 1168 |
| 7/12/2022 | 18944 | 610  |
| 7/13/2022 | 22424 | 291  |
| 7/14/2022 | 24951 | 622  |
| 7/15/2022 | 17027 | 879  |
| 7/16/2022 | 21043 | 106  |
| 7/17/2022 | 26851 | 265  |
| 7/18/2022 | 21371 | 654  |
| 7/19/2022 | 20674 | 571  |
| 7/20/2022 | 21607 | 187  |
| 7/21/2022 | 23249 | 676  |
| 7/22/2022 | 15799 | 548  |
| 7/23/2022 | 22493 | 89   |
| 7/24/2022 | 24940 | 630  |
| 7/25/2022 | 22125 | 646  |
| 7/26/2022 | 19182 | 560  |
| 7/27/2022 | 17477 | 303  |
| 7/28/2022 | 25869 | 303  |
| 7/29/2022 | 19944 | 669  |
| 7/30/2022 | 21930 | 672  |
| 7/31/2022 | 24565 | 672  |
| 8/1/2022  | 24694 | 735  |
| 8/2/2022  | 18369 | 687  |
| 8/3/2022  | 24258 | 458  |
| 8/4/2022  | 19685 | 680  |
| 8/5/2022  | 18358 | 193  |
| 8/6/2022  | 24045 | 330  |
| 8/7/2022  | 25184 | 584  |
| 8/8/2022  | 22579 | 598  |
| 8/9/2022  | 24863 | 881  |
| 8/10/2022 | 20647 | 584  |
| 8/11/2022 | 19345 | 560  |
| 8/12/2022 | 22295 | 719  |
| 8/13/2022 | 21204 | 93   |
| 8/14/2022 | 26274 | 420  |
| 8/15/2022 | 23632 | 1032 |
| 8/16/2022 | 22435 | 854  |
| 8/17/2022 | 19920 | 157  |
| 8/18/2022 | 25846 | 670  |
| 8/19/2022 | 14381 | 459  |
| 8/20/2022 | 24514 | 42   |
| 8/21/2022 | 24272 | 509  |
| 8/22/2022 | 23175 | 630  |

|           |       |      |
|-----------|-------|------|
| 8/23/2022 | 21927 | 618  |
| 8/24/2022 | 18092 | 669  |
| 8/25/2022 | 3715  | 1179 |
| 8/26/2022 | 3975  | 552  |
| 8/27/2022 | 3111  | 194  |
| 8/28/2022 | 5310  | 739  |
| 8/29/2022 | 4714  | 538  |
| 8/30/2022 | 5078  | 583  |
| 8/31/2022 | 4942  | 454  |
| 9/1/2022  | 6449  | 473  |
| 9/2/2022  | 3230  | 148  |
| 9/3/2022  | 4151  | 356  |
| 9/4/2022  | 4902  | 421  |
| 9/5/2022  | 4856  | 596  |
| 9/6/2022  | 5725  | 523  |
| 9/7/2022  | 5511  | 302  |
| 9/8/2022  | 3691  | 446  |
| 9/9/2022  | 4068  | 256  |
| 9/10/2022 | 4007  | 100  |
| 9/11/2022 | 5141  | 856  |
| 9/12/2022 | 5486  | 706  |
| 9/13/2022 | 4512  | 647  |
| 9/14/2022 | 8660  | 354  |
| 9/15/2022 | 11015 | 512  |
| 9/16/2022 | 11871 | 488  |
| 9/17/2022 | 11755 | 88   |
| 9/18/2022 | 15488 | 542  |
| 9/19/2022 | 11045 | 493  |
| 9/20/2022 | 5213  | 623  |
| 9/21/2022 | 2429  | 613  |
| 9/22/2022 | 3923  | 318  |
| 9/23/2022 | 3957  | 734  |
| 9/24/2022 | 3520  | 58   |
| 9/25/2022 | 5929  | 344  |
| 9/26/2022 | 4909  | 640  |
| 9/27/2022 | 4205  | 437  |
| 9/28/2022 | 5504  | 470  |
| 9/29/2022 | 4210  | 590  |
| 9/30/2022 | 4495  | 657  |
| 10/1/2022 | 8011  | 450  |
| 10/2/2022 | 4652  | 595  |
| 10/3/2022 | 5856  | 273  |
| 10/4/2022 | 5174  | 666  |
| 10/5/2022 | 4752  | 288  |
| 10/6/2022 | 4126  | 215  |
| 10/7/2022 | 4216  | 896  |
| 10/8/2022 | 3948  | 125  |

|            |       |      |
|------------|-------|------|
| 10/9/2022  | 5053  | 520  |
| 10/10/2022 | 9834  | 1226 |
| 10/11/2022 | 6197  | 677  |
| 10/12/2022 | 4567  | 233  |
| 10/13/2022 | 4842  | 627  |
| 10/14/2022 | 4403  | 942  |
| 10/15/2022 | 6224  | 320  |
| 10/16/2022 | 5958  | 529  |
| 10/17/2022 | 13098 | 1248 |
| 10/18/2022 | 5604  | 548  |
| 10/19/2022 | 7299  | 443  |
| 10/20/2022 | 5619  | 634  |
| 10/21/2022 | 5987  | 354  |
| 10/22/2022 | 3759  | 152  |
| 10/23/2022 | 7262  | 571  |
| 10/24/2022 | 9708  | 560  |
| 10/25/2022 | 7098  | 541  |
| 10/26/2022 | 6994  | 1340 |
| 10/27/2022 | 5969  | 641  |
| 10/28/2022 | 5746  | 95   |
| 10/29/2022 | 9137  | 377  |
| 10/30/2022 | 4771  | 468  |
| 10/31/2022 | 15588 | 1018 |
| 11/1/2022  | 5164  | 482  |
| 11/2/2022  | 5202  | 361  |
| 11/3/2022  | 3813  | 503  |
| 11/4/2022  | 4331  | 685  |
| 11/5/2022  | 4277  | 160  |
| 11/6/2022  | 6142  | 601  |
| 11/7/2022  | 5030  | 635  |
| 11/8/2022  | 15195 | 2372 |
| 11/9/2022  | 4093  | 751  |
| 11/10/2022 | 4136  | 703  |
| 11/11/2022 | 0     | 257  |
| 11/12/2022 | 0     | 236  |
| 11/13/2022 | 0     | 452  |
| 11/14/2022 | 0     | 634  |
| 11/15/2022 | 5246  | 1029 |
| 11/16/2022 | 4006  | 630  |
| 11/17/2022 | 2621  | 521  |
| 11/18/2022 | 3890  | 86   |
| 11/19/2022 | 4024  | 543  |
| 11/20/2022 | 4490  | 554  |
| 11/21/2022 | 5556  | 636  |
| 11/22/2022 | 4447  | 609  |
| 11/23/2022 | 3973  | 135  |
| 11/24/2022 | 4293  | 687  |



|                      |                |               |
|----------------------|----------------|---------------|
| 11/25/2022           | 2918           | 348           |
| 11/26/2022           | 3007           | 196           |
| 11/27/2022           | 4766           | 623           |
| 11/28/2022           | 4743           | 624           |
| 11/29/2022           | 3739           | 618           |
| 11/30/2022           | 3752           | 1052          |
| 12/1/2022            | 4123           | 428           |
| 12/2/2022            | 2267           | 65            |
| 12/3/2022            | 2484           | 323           |
| 12/4/2022            | 4275           | 475           |
| 12/5/2022            | 3765           | 689           |
| 12/6/2022            | 5070           | 707           |
| 12/7/2022            | 3571           | 173           |
| 12/8/2022            | 3045           | 578           |
| 12/9/2022            | 6264           | 1001          |
| 12/10/2022           | 4664           | 44            |
| 12/11/2022           | 4105           | 558           |
| 12/12/2022           | 4506           | 842           |
| 12/13/2022           | 3841           | 900           |
| 12/14/2022           | 4248           | 323           |
| 12/15/2022           | 0              | 1458          |
| 12/16/2022           | 0              | 744           |
| 12/17/2022           | 4194           | 1261          |
| 12/18/2022           | 5305           | 1819          |
| 12/19/2022           | 5075           | 662           |
| 12/20/2022           | 4267           | 628           |
| 12/21/2022           | 5212           | 565           |
| 12/22/2022           | 2804           | 664           |
| 12/23/2022           | 0              | 675           |
| 12/24/2022           | 2993           | 371           |
| 12/25/2022           | 3560           | 275           |
| 12/26/2022           | 4781           | 654           |
| 12/27/2022           | 4464           | 679           |
| 12/28/2022           | 4049           | 371           |
| 12/29/2022           | 1978           | 339           |
| 12/30/2022           | 7104           | 1247          |
| 12/31/2022           | 2601           | 593           |
| <b>Totals</b>        | <b>3790522</b> | <b>403837</b> |
| <b>Average Daily</b> | <b>10385</b>   | <b>1106</b>   |

## **ATTACHMENT B – Reclaimed Water Supply Analysis**

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## **RECLAIMED WATER SUPPLY ANALYSIS**

**AMERICAN ORGANICS  
VICTOR VALLEY REGIONAL COMPOSTING  
FACILITY  
20055 SHAY ROAD  
VICTORVILLE, CA 92394**

### **Prepared For:**

Athens Services SBC Office  
2151 E. Convention Center Way, Suite 211  
Ontario, CA 91764

### **Date:**

September 11, 2018

### **Project No.:**

1NBF00004.000.000

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VVWRA 2017 ANNUAL RECYCLED WATER REPORT

RELOCATED WATER LINE PLAN

FIRE HYDRANTS TEST LOCATION

WATER FLOW TEST REPORT

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## 1. INTRODUCTION

JENSEN HUGHES, Inc. has prepared this reclaimed water supply analysis for American Organics located in Victorville, California. The consulting service included code research to identify the on-site fire flow, maximum distance between hydrants and the type of water the Victor Valley Wastewater Reclamation Authority (VWWRA) supplies. The intent of this report is to determine whether the available reclaimed water supply is suitable and adequate for the fire protection systems. JENSEN HUGHES has also analyzed the need for a fire water storage tank based on the reliability of the proposed water supply.

## 2. APPLICABLE CODES AND STANDARDS

The following codes and standards are referenced throughout this analysis.

- California Fire Code 2016
- Report/Recommendation to The Board of Directors of The San Bernardino County Fire Protection District and Record of Action
- California Code of Regulations State Board, Division of Drinking Water, Recycled Water Regulations, Title 22

## 3. FACILITY DESCRIPTION

The building information is as provided in the table below.

|                         |                              |
|-------------------------|------------------------------|
| Property Address:       | 20055 Shay Road, Victorville |
| Occupancies:            | Factory F-1                  |
| Applicable Codes:       | 2016 California Fire Code    |
| Type of Construction:   | II-B                         |
| Number of Stories       | 1-Story                      |
| Building Height to Roof | 33'-8"                       |
| Gross Building Area     | 21,600 S.F.                  |
| Sprinklered             | Yes                          |

American Organics produces compost products in accordance with the U.S. Composting Council quality standards, disclosures, and composting procedures. The processing building is a 1-story agricultural facility of Type IIB construction covering 21,600 square feet. A maintenance canopy, also of Type IIB construction, and two modular structures of Type VB construction constitute the remaining buildings with areas of 2,625, 3,000, and 288 square feet, respectively. All on-site structures are protected by a wet pipe sprinkler system throughout. A consistent water supply is to be provided by dedicated fire protection water supply tanks at the VWWRA.

## 4. FIRE FLOW AND FLOW DURATION

According to the 2016 California Fire Code Appendix B Table B105.1(2), the requirement for on-site hydrant fire flow for a Type IIB 18,401 – 21,800 square foot building is 3,000 gallons per minute for a duration of 3 hours. In a report/recommendation to The Board of Directors of The San Bernardino County Fire Protection District and a Record of Action approved on July 8, 2014, a reduction in required fire flow of up to 75 percent is allowed for a building with a fully automatic sprinkler system. The resulting reduced fire flow shall not be less than 1,500 gallons per minute for a duration of 2 hours, at a minimum residual pressure of 20 psi.

In addition, the processing building is considered as an agricultural facility which is classified as an Ordinary Hazard Group 2 occupancy. According to NFPA 13 Table 11.2.3.1.2, the building requires a



hydraulic calculation based on the reclaimed water supply to meet a hose stream allowance of 250 gallons per minute for a duration of 60-90 minutes. Furthermore, based on the density/area curves in NFPA 13 Figure 11.2.3.1.1, a design density of 0.20 gpm/ft<sup>2</sup> over a 1500 ft<sup>2</sup> area is required for the building. Therefore, the on-side hydrant fire flow demands are greater than the sprinkler demands and will be used as the basis for this analysis.

## 5. VVWRA WATER SUPPLY INFORMATION

From Title 22 California Code of Regulations State Board, Division of Drinking Water, Recycled Water Regulations, the requirement for reclaimed water used in structural firefighting is indicated below.

*“Recycled water used for the following shall be disinfected tertiary recycled water, except that for filtration being provided pursuant to Section 60301.320(a) coagulation need not be used as part of the treatment process provided that the filter effluent turbidity does not exceed 2 NTU, the turbidity of the influent to the filters is continuously measured, the influent turbidity does not exceed 5 NTU for more than 15 minutes and never exceeds 10 NTU, and that there is the capability to automatically activate chemical addition or divert the wastewater should the filter influent turbidity exceed 5 NTU for more than 15 minutes.”*

JENSEN HUGHES confirmed with VVWRA that the reclaimed water to be used for fire protection is qualified per the above requirements. VVWRA collected recycled water NTU data from January 1<sup>st</sup>, 2017 to December 31<sup>st</sup>, 2017. The data collected shows that the highest value is 1.1 NTU which meets the restrictions of Title 22 CCR. As a result, the reclaimed water may be utilized.

Based on the information received from VVWRA, three tanks are provided to store reclaimed water. The catalog shows that no flow was diverted to three tanks 25 days out of 365 days. This does not affect the recycled water flows out of the tanks. Because the tanks contain sufficient recycled water for usage, they can be considered a reliable primary fire protection water supply. By calculation the required minimum size fire protection water supply tank for the American Organics system is 180,000 gallons. Per information provided via email on August 28, 2018, the VVWRA site is provided with three tanks each capable of holding 14,060 ft<sup>3</sup> (105,176 gallons). This corresponds to a total capacity of 315,530 gallons. Therefore, a secondary water storage tank would not be required for American Organics fire protection water supply.

## 6. CONCLUSION AND RECOMMENDATIONS

The water provided by VVWRA was determined to meet the turbidity requirements of Title 22 CCR. Water from VVWRS can therefore be used for fire protection purposes. Three storage tanks are available with a combined capacity of 315,530 gallons, a volume in excess of that required for American Organics. From the provided water flow test data, it was concluded that the capacity and pressure of the available water supplies would be sufficient for the fire suppression system demands.

If there are any questions or concerns, please contact me at 714.450.1700.

Submitted by:

**JENSEN HUGHES**

Prepared by



Noah Fisher  
Associate

Reviewed by



Mike Amar, SET  
Senior Fire Protection Consultant

**ATTACHMENT A: VVWRA 2017 ANNUAL RECYCLED WATER REPORT**

**Victor Valley Wastewater Reclamation Authority**  
*A Joint Powers Authority and Public Agency of the State of California*



20111 Shay Road, Victorville, CA 92394  
Telephone: (760) 246-8638  
Fax: (760) 246-2895  
e-mail: mail@vwwra.com

March 28, 2018

Ms. Patty Z. Kouyoumdjian, Executive Officer  
Lahonton Regional Water Quality Control Board  
14440 Civic Drive, Suite 200  
Victorville, CA 92392

**RE: 2017 Annual Recycled Water Report**  
Water Reclamation Requirements General Order WQ 2016-0068-DDW;  
Water Recycling Requirements Order No. R6V-2003-028, WDID No. 6B360207001

Dear Ms. Kouyoumdjian,

Enclosed please find the 2017 Annual Recycled Water Monitoring Report for the Victor Valley Wastewater Reclamation Authority. During 2017, 54.8 million gallons (168.1 acre-feet) of tertiary treated water was sent to recycling, to the High Desert Power Project via the Southern California Logistics Airport Pond and to the American Organics Compost Facility.

We are pleased to report that the treatment facility and related systems performed well within permit requirements during 2017, with no violations. As required by the General Order (MRP page B-6), the following statement has been included in this transmittal letter:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of the those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

If you should have any questions, please contact me at your convenience.

Sincerely,

Logan Olds  
General Manager

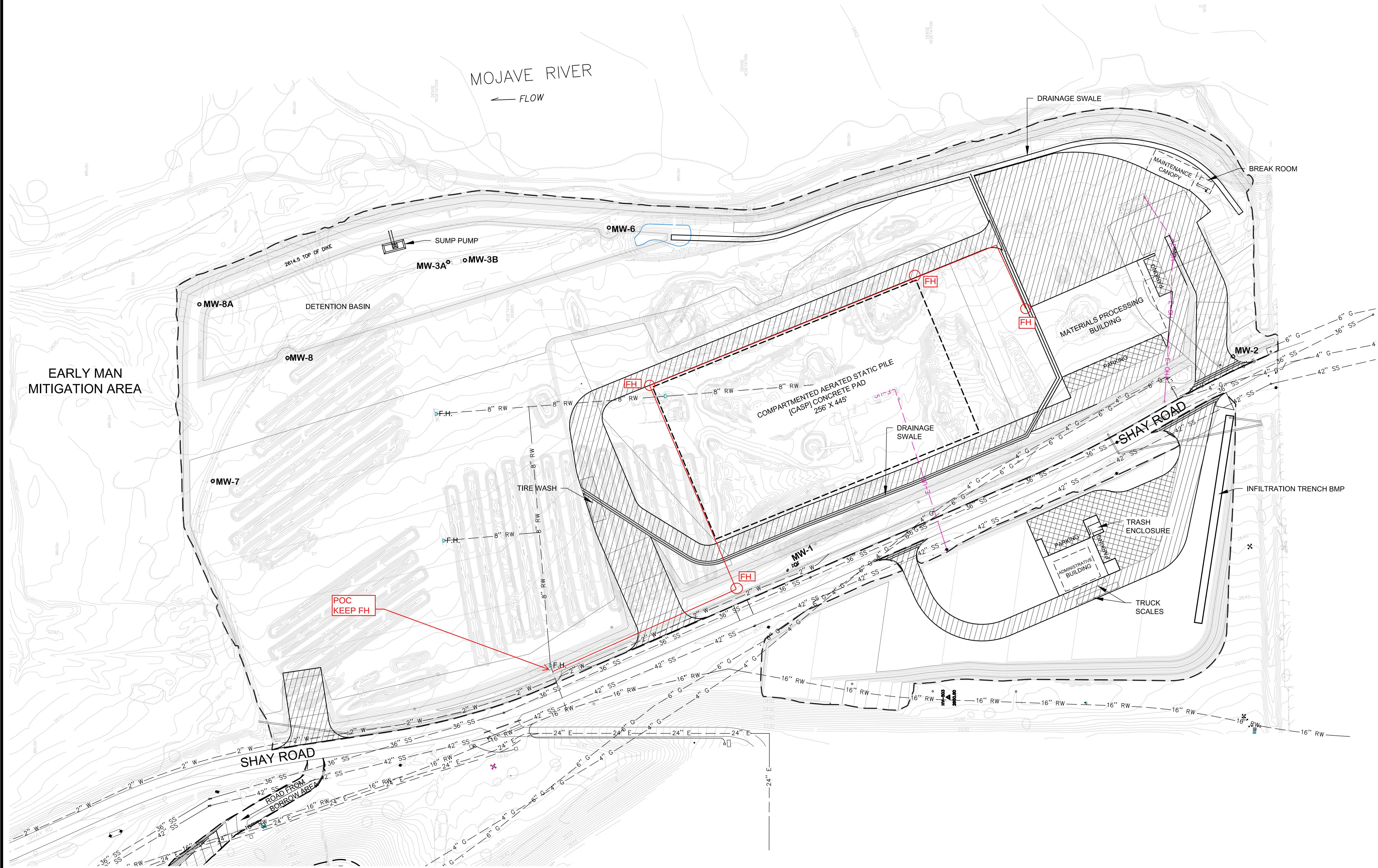
Enclosure: **2017 Annual Recycled Water Report**

Cc: SWRCB Discharge Monitoring Report Processing Center  
Eugene Davis, Operations Supervisor - VVWRA  
Brad Davis, Lead Operator - VVWRA  
Operations/Control Room Posting - VVWRA

**ATTACHMENT B: RELOCATED WATER LINE PLAN**



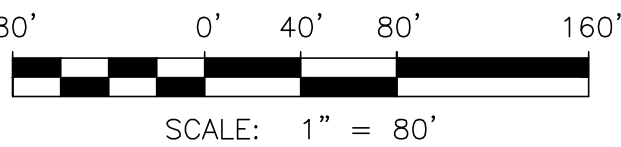
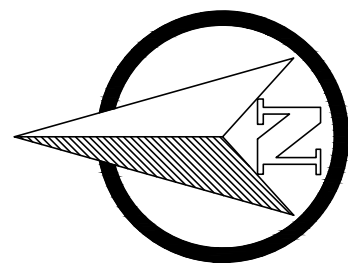
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LEGEND

- 2620 PROPOSED 5-FT CONTOUR
- 2612 PROPOSED 1-FT CONTOUR
- MW-6 EXISTING MONITORING WELL
- FLOW LINE
- 2" W 2" W WATER LINE
- 16" RW RECYCLE WATER LINE
- 36" SS SANITARY SEWER LINE
- 24" E ELECTRICAL LINE
- 6" G 6" G GAS LINE
- GRADING LIMIT
- ASPHALT PAVING (TRUCK TRAFFIC)
- ASPHALT PAVING (AUTO TRAFFIC)
- NEW PVC WATER LINE PER CITY OF VICTORVILLE STD
- RELOCATED FH

TEMPORARY ABOVE-GROUND SYSTEM MAY BE UTILIZED DURING PHASED CONSTRUCTION TO MAINTAIN WATER TO THE EXISTING OPERATION.



This drawing has not been published but rather has been prepared by Geo-Logic Associates, Inc. for use by the client named in the title block, solely in respect of the construction operation, and maintenance of the facility named in the title block. Geo-Logic Associates, Inc. shall not be liable for the use of this drawing on any other facility or for any other purpose.

REFERENCE AERIAL TOPO BASED ON JAN 29, 2018 AERIAL SURVEY BY DON READ CORP FLIGHT

| REV. NO. | DATE | DESCRIPTION | APPROVED BY |
|----------|------|-------------|-------------|
|          |      |             |             |
|          |      |             |             |
|          |      |             |             |
|          |      |             |             |

DATE OF ISSUE: MAY 2018  
DESIGNED BY: R JOHNSON  
DRAWN BY: L PADILLA  
CHECKED BY: C BARRET  
APPROVED BY: R JOHNSON



**Geo-Logic**  
ASSOCIATES

2777 EAST GUASTI ROAD  
SUITE 1  
ONTARIO, CA 91761  
(909) 626-2282  
www.geo-logic.com



AMERICAN ORGANICS  
VICTOR VALLEY REGIONAL COMPOSTING FACILITY  
20055 SHAY ROAD, VICTORVILLE CA 92394

RELOCATED WATER LINE PLAN

SITE PLAN

DWG NO.  
02

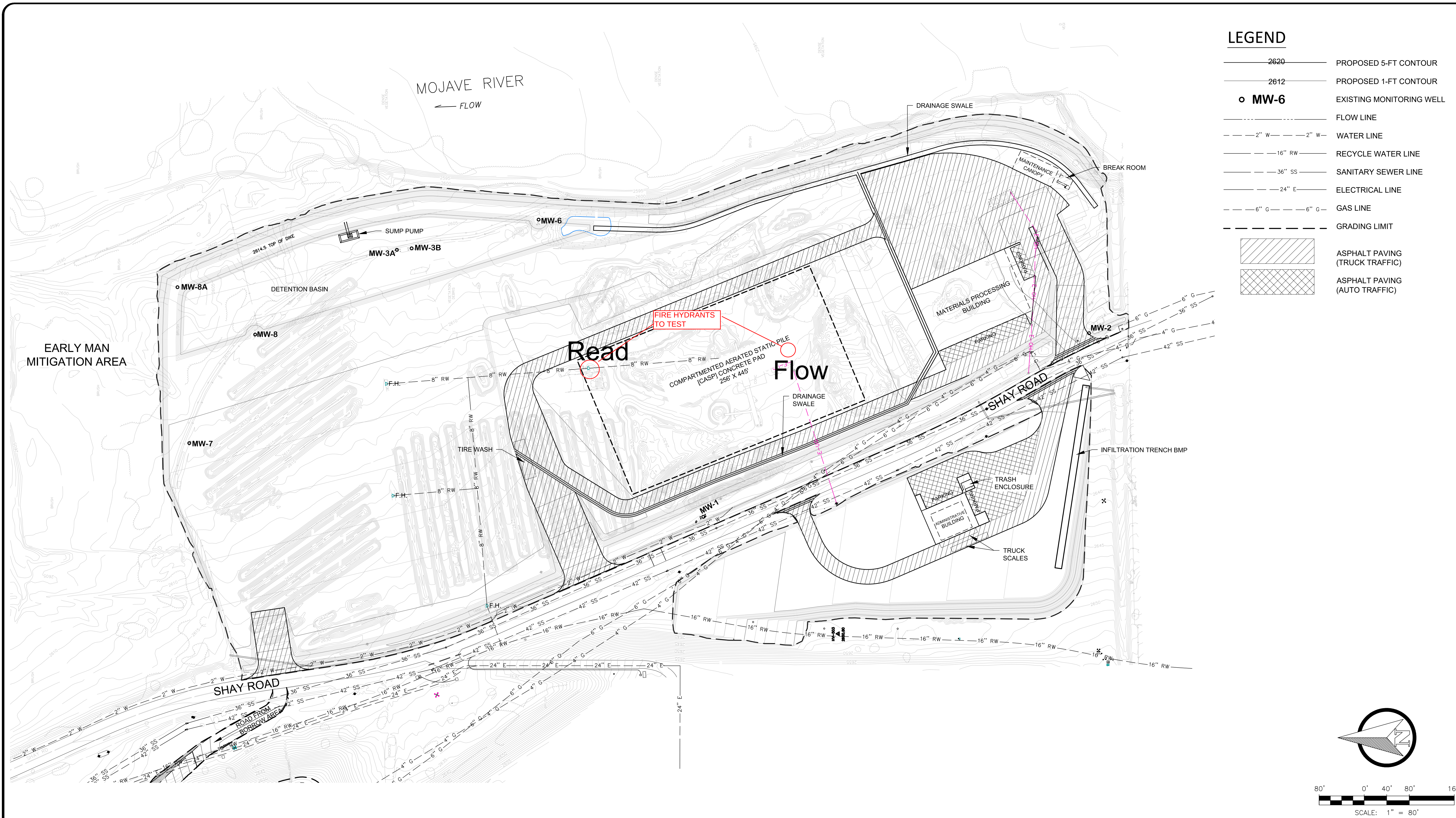
PROJECT NO.  
SO18.1022



**ATTACHMENT C: FIRE HYDRANTS TEST LOCATION**



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This drawing has not been published but rather has been prepared by Geo-Logic Associates, Inc. for use by the client named in the title block, solely in respect of the construction operation, and maintenance of the facility named in the title block. Geo-Logic Associates, Inc. shall not be liable for the use of this drawing on any other facility or for any other purpose.

REFERENCE AERIAL TOPO BASED ON JAN 29, 2018 AERIAL SURVEY BY DON READ CORP FLIGHT

| REV. NO. | DATE | DESCRIPTION | APPROVED BY |
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|          |      |             |             |
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|          |      |             |             |

DATE OF ISSUE: MAY 2018  
DESIGNED BY: R JOHNSON  
DRAWN BY: L PADILLA  
CHECKED BY: C BARRET  
APPROVED BY: R JOHNSON



**Geo-Logic**  
ASSOCIATES

2777 EAST GUASTI ROAD  
SUITE 1  
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**Athens Services**  
Waste Collection • Recycling • Transfer • Disposal • Street Sweeping

AMERICAN ORGANICS  
VICTOR VALLEY REGIONAL COMPOSTING FACILITY  
20055 SHAY ROAD, VICTORVILLE CA 92394  
GRADING & DRAINAGE

**SITE PLAN**

DWG NO.  
**02**  
PROJECT NO.  
SO18.1022



**ATTACHMENT D: WATER FLOW TEST REPORT**

# Daart Engineering Flow Test

## Water System Fire Flow Calculation Work Sheet

LOCATION: **20055 Shay Road Victorville, Ca.**

DATE: **5/30/2018**

0

Conducted by Chris Cassady

Fill in the required info in the blue blocks

Read Baseline Pressures at Hydrant # : **1**  
 Static pressure: **100** Residual pressure: **80** Psi Drop: **20** Total Flow: **1220**

Percent Drop: **20%**

| City Hydrant Number | Pitot | Opening | Coefficient | Flow |
|---------------------|-------|---------|-------------|------|
|---------------------|-------|---------|-------------|------|

|                      |           |            |          |             |
|----------------------|-----------|------------|----------|-------------|
| <b>Example: C427</b> | <b>30</b> | <b>2.5</b> | <b>1</b> | <b>1021</b> |
|----------------------|-----------|------------|----------|-------------|

|          |          |           |            |          |             |
|----------|----------|-----------|------------|----------|-------------|
| <b>0</b> | <b>1</b> | <b>55</b> | <b>2.5</b> | <b>1</b> | <b>1383</b> |
|----------|----------|-----------|------------|----------|-------------|

|  |          |  |  |  |  |
|--|----------|--|--|--|--|
|  | <b>2</b> |  |  |  |  |
|--|----------|--|--|--|--|

|  |          |  |  |  |          |
|--|----------|--|--|--|----------|
|  | <b>3</b> |  |  |  | <b>0</b> |
|--|----------|--|--|--|----------|

|  |          |  |  |  |          |
|--|----------|--|--|--|----------|
|  | <b>4</b> |  |  |  | <b>0</b> |
|--|----------|--|--|--|----------|

|  |          |  |  |  |          |
|--|----------|--|--|--|----------|
|  | <b>5</b> |  |  |  | <b>0</b> |
|--|----------|--|--|--|----------|

Desired Residual: **20** Flow at Desired 20psi residual: **2579**

Flow at Desired 10psi residual: **2748**

|        |      |    |          |      |
|--------|------|----|----------|------|
| 10 psi | 1220 | 90 | 11.35771 | 2748 |
|        |      | 20 | 5.041459 |      |
| 20 psi | 1220 | 80 | 10.65783 | 2579 |
|        |      | 20 | 5.041459 |      |

Hazen - Williams Computations

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**ATTACHMENT C – Preliminary Estimate of Probable  
Construction Cost**

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## Engineer's Opinion of Probable Cost

|                                                  |                                           |
|--------------------------------------------------|-------------------------------------------|
| Victor Valley Wastewater Reclamation             |                                           |
| <b>Client:</b> Authority                         | <b>Date:</b> June 2023                    |
| <b>Project:</b> Water Pipeline Feasibility Study | <b>Estimator:</b> KLH                     |
| <b>Submittal:</b> Preliminary                    | <b>Checker:</b> RB                        |
| <b>Job No.:</b> 15221                            | <b>Cost Index:</b> 12113 - July 2019 (LA) |

| Summary of Costs                             |           | Total            |
|----------------------------------------------|-----------|------------------|
| <b>Specification Division</b>                |           |                  |
| Division 1 - General Requirements            | \$        | 194,000          |
| Division 2 - Sitework                        | \$        | 416,600          |
| Division 3 - Concrete                        | \$        | 64,100           |
| Division 4 - Masonry                         | \$        | -                |
| Division 5 - Metals                          | \$        | -                |
| Division 6 - Wood and Plastics               | \$        | -                |
| Division 7 - Thermal and Moisture Protection | \$        | -                |
| Division 8 - Doors, Windows, and Hardware    | \$        | -                |
| Division 9 - Finishes                        | \$        | -                |
| Division 10 - Specialties                    | \$        | -                |
| Division 11 - Equipment                      | \$        | -                |
| Division 12 - Furnishings                    | \$        | -                |
| Division 13 - Special Construction           | \$        | -                |
| Division 14 - Conveying Systems              | \$        | -                |
| Division 15 - Mechanical                     | \$        | 921,900          |
| Division 16 - Electrical                     | \$        | -                |
| Division 17 - Instrumentation                | \$        | -                |
| <b>Totals</b>                                | <b>\$</b> | <b>1,597,000</b> |

|                                        |       |           |                  |
|----------------------------------------|-------|-----------|------------------|
| Project Level Allowance                | 15%   | \$        | 239,550          |
| Insurance                              | 1.50% | \$        | 23,955           |
| Profit and Overhead                    | 20%   | \$        | 319,400          |
| Market Uncertainty Factor              | 5%    | \$        | 79,850           |
| Bond                                   | 1%    | \$        | 15,970           |
| Escalation to Midpoint (5%/yr x 1 yrs) | 5.0%  | \$        | 79,850           |
| Total                                  |       | \$        | 759,000          |
| Grand Total                            |       | <b>\$</b> | <b>2,356,000</b> |

|                          |      |             |
|--------------------------|------|-------------|
| <b>Class 4 Estimate:</b> | -25% | \$1,767,000 |
|                          | 30%  | \$3,063,000 |

|                                                               |                       |
|---------------------------------------------------------------|-----------------------|
| <u>Client:</u> Victor Valley Wastewater Reclamation Authority | <u>Job No.</u> 15221  |
| <u>Project:</u> Water Pipeline Feasibility Study              | <u>Estimator:</u> KLH |
| <u>Submittal:</u> Preliminary                                 | <u>Checker:</u> RB    |

Checker: RB

| Item                                     | Item Description                                    | Qty  | Unit | Materials<br>\$/Unit | Labor<br>\$/Unit | Equipment<br>\$/Unit | Subs<br>\$/Unit | Other<br>\$/Unit | Total<br>\$/Unit | Total<br>Net Cost \$ |
|------------------------------------------|-----------------------------------------------------|------|------|----------------------|------------------|----------------------|-----------------|------------------|------------------|----------------------|
| <b>Division 1 - General Requirements</b> |                                                     |      |      |                      |                  |                      |                 |                  | <b>\$</b>        | <b>194,000</b>       |
| 1                                        | Mobilization/Demobilization                         | 1    | LS   |                      |                  |                      |                 | \$               | 50,000           | \$ 50,000            |
| 2                                        | Surveying                                           | 1    | LS   |                      |                  |                      |                 | \$               | 20,000           | \$ 20,000            |
| 3                                        | Clean-up and Disposal                               | 1    | LS   |                      |                  |                      |                 | \$               | 15,000           | \$ 15,000            |
| 4                                        | Startup, Testing, and Disinfection                  | 1    | LS   |                      |                  |                      |                 | \$               | 20,000           | \$ 20,000            |
| 5                                        | Traffic Control                                     | 1    | LS   |                      |                  |                      |                 | \$               | 5,000            | \$ 5,000             |
| 5                                        | Potholing (assumed 15)                              | 1    | LS   |                      |                  |                      |                 | \$               | 24,000           | \$ 24,000            |
| 6                                        | Prepare and Implement Stormwater Requirements       | 1    | LS   |                      |                  |                      |                 | \$               | 20,000           | \$ 20,000            |
| 6                                        | Clearing and Grubbing                               | 1    | LS   |                      |                  |                      |                 | \$               | 20,000           | \$ 20,000            |
| 7                                        | Permitting                                          | 1    | LS   |                      |                  |                      |                 | \$               | 20,000           | \$ 20,000            |
| <b>Division 2 - Sitework</b>             |                                                     |      |      |                      |                  |                      |                 |                  | <b>\$</b>        | <b>416,600</b>       |
| 1                                        | Pavement Sawcut and Removal                         | 1420 | LF   |                      | \$ 9             |                      |                 | \$               | 9                | \$ 12,399            |
| 2                                        | Open Trench Excavation, Backfill and Compaction     | 5389 | CY   |                      | \$ 45            |                      |                 | \$               | 45               | \$ 242,500           |
| 3                                        | Pipe Bedding Material                               | 2694 | CY   | \$ 50                | \$ 10            |                      |                 | \$               | 60               | \$ 161,667           |
| <b>Division 3 - Concrete</b>             |                                                     |      |      |                      |                  |                      |                 |                  | <b>\$</b>        | <b>64,100</b>        |
| 1                                        | Pavement Replacement                                | 2840 | SF   | \$ 11                | \$ 11            |                      |                 | \$               | 23               | \$ 64,041            |
| <b>Division 15 - Mechanical</b>          |                                                     |      |      |                      |                  |                      |                 |                  | <b>\$</b>        | <b>921,900</b>       |
| 1                                        | 12" Class 305 (DR 14) PVC Pipe                      | 6700 | LF   | \$ 57                | \$ 23            |                      |                 | \$               | 79               | \$ 531,377           |
| 2                                        | 4" Class 305 (DR 14) PVC Pipe                       | 3000 | LF   | \$ 15                | \$ 6             |                      |                 | \$               | 21               | \$ 64,050            |
| 3                                        | 6" RW Gate Valve Class 350                          | 1    | EA   | \$ 2,400             | \$ 960           |                      |                 | \$               | 3,360            | \$ 3,360             |
| 4                                        | 12" Butterfly Valve (Class 150B)                    | 1    | EA   | \$ 2,500             | \$ 1,000         |                      |                 | \$               | 3,500            | \$ 3,500             |
| 5                                        | 4" Blow-off Assembly                                | 1    | EA   | \$ 5,400             | \$ 2,500         |                      |                 | \$               | 7,900            | \$ 7,900             |
| 6                                        | 2" Combination Air Release & Air/Vac Valve Assembly | 1    | EA   | \$ 4,320             | \$ 2,000         |                      |                 | \$               | 6,320            | \$ 6,320             |
| 7                                        | Fire Hydrant                                        | 3    | EA   | \$ 3,742             | \$ 1,871         |                      |                 | \$               | 5,613            | \$ 16,840            |
| 8                                        | 6" Reduced Pressure Detector Assembly (FH)          | 3    | EA   | \$ 8,916             | \$ 3,566         |                      |                 | \$               | 12,482           | \$ 37,446            |
| 9                                        | 3/4" Reduced Pressure Backflow Device (AO meters)   | 2    | EA   | \$ 794               | \$ 318           |                      |                 | \$               | 1,112            | \$ 2,223             |
| 10                                       | 6" Reduced Pressure Backflow Device (VWVRA meter)   | 1    | EA   | \$ 7,994             | \$ 3,198         |                      |                 | \$               | 11,192           | \$ 11,192            |
| 11                                       | 3/4" Meter                                          | 2    | EA   | \$ 1,500             | \$ 600           |                      |                 | \$               | 2,100            | \$ 4,200             |
| 12                                       | 12"x12"x12" Tee                                     | 1    | EA   | \$ 1,900             | \$ 570           |                      |                 | \$               | 2,470            | \$ 2,470             |
| 13                                       | 4" Meter                                            | 1    | EA   | \$ 10,000            | \$ 4,000         |                      |                 | \$               | 14,000           | \$ 14,000            |
| 14                                       | Connection at Perimeter Rd                          | 1    | LS   | \$ 5,000             | \$ 5,000         |                      |                 | \$               | 10,000           | \$ 10,000            |
| 15                                       | PRV and Vault                                       | 1    | LS   | \$ 128,000           | \$ 64,000        |                      |                 | \$               | 192,000          | \$ 192,000           |
| 16                                       | Bridge Attachment                                   | 1    | LS   | \$ 10,000            | \$ 5,000         |                      |                 | \$               | 15,000           | \$ 15,000            |
| <b>Total</b>                             |                                                     |      |      |                      |                  |                      |                 |                  | <b>\$</b>        | <b>1,597,000</b>     |

| Estimate Class | Primary Characteristic                                                   | Secondary Characteristic                     |                                                           |                                                                                        |                                                                                                     |
|----------------|--------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                | Level of Project Definition<br><br>Expressed as % of Complete Definition | End Usage<br><br>Typical Purpose of Estimate | Methodology<br><br>Typical estimating method              | Expected Accuracy Range<br><br>Typical Variation In Low And High ranges <sup>(a)</sup> | Preparation Effort<br><br>Typical Degree of effort relative To Least Cost Index of 1 <sup>(b)</sup> |
| Class 5        | 0% to 2%                                                                 | Concept Screening                            | Capacity Factored. Parametric Models. Judgment or Analogy | L: -20% to -50%<br>H: +30% to +100%                                                    | 1                                                                                                   |
| Class 4        | 1% to 15%                                                                | Study or Feasibility                         | Equipment Factored or Parametric Model                    | L: -15% to -30%<br>H: +20% to +50%                                                     | 2 to 4                                                                                              |
| Class 3        | 10% to 40%                                                               | Budget Authorization, or Control             | Semi-Detailed Unit Costs with Assembly Level Line Items   | L: -10% to -20%<br>H: +10% to +30%                                                     | 3 to 10                                                                                             |
| Class 2        | 30% to 70%                                                               | Control or Bid/ Tender                       | Detailed Unit Cost with Forced Detailed Take-Off          | L: -5% to -15%<br>H: +5% to +20%                                                       | 4 to 20                                                                                             |
| Class 1        | 50% to 100%                                                              | Check Estimate or Bid/Tender                 | Detailed Unit Cost with Detailed Take-Off                 | L: -3% to -10%<br>H: +3% to +15%                                                       | 5 to 100                                                                                            |

Notes: (a) The state of process technology and availability of applicable reference cost data affect the range markedly. The +/- value represents typical percentage variation of actual costs from the cost estimate after application of contingency (typically at a 50% level of confidence) for given scope.

(b) If the range index value of "1" represents 0.005% of project costs, then an index value of 100 represents 0.5%. Estimate preparation effort is highly dependent upon the size of the Project and the quality of estimating data and tools.

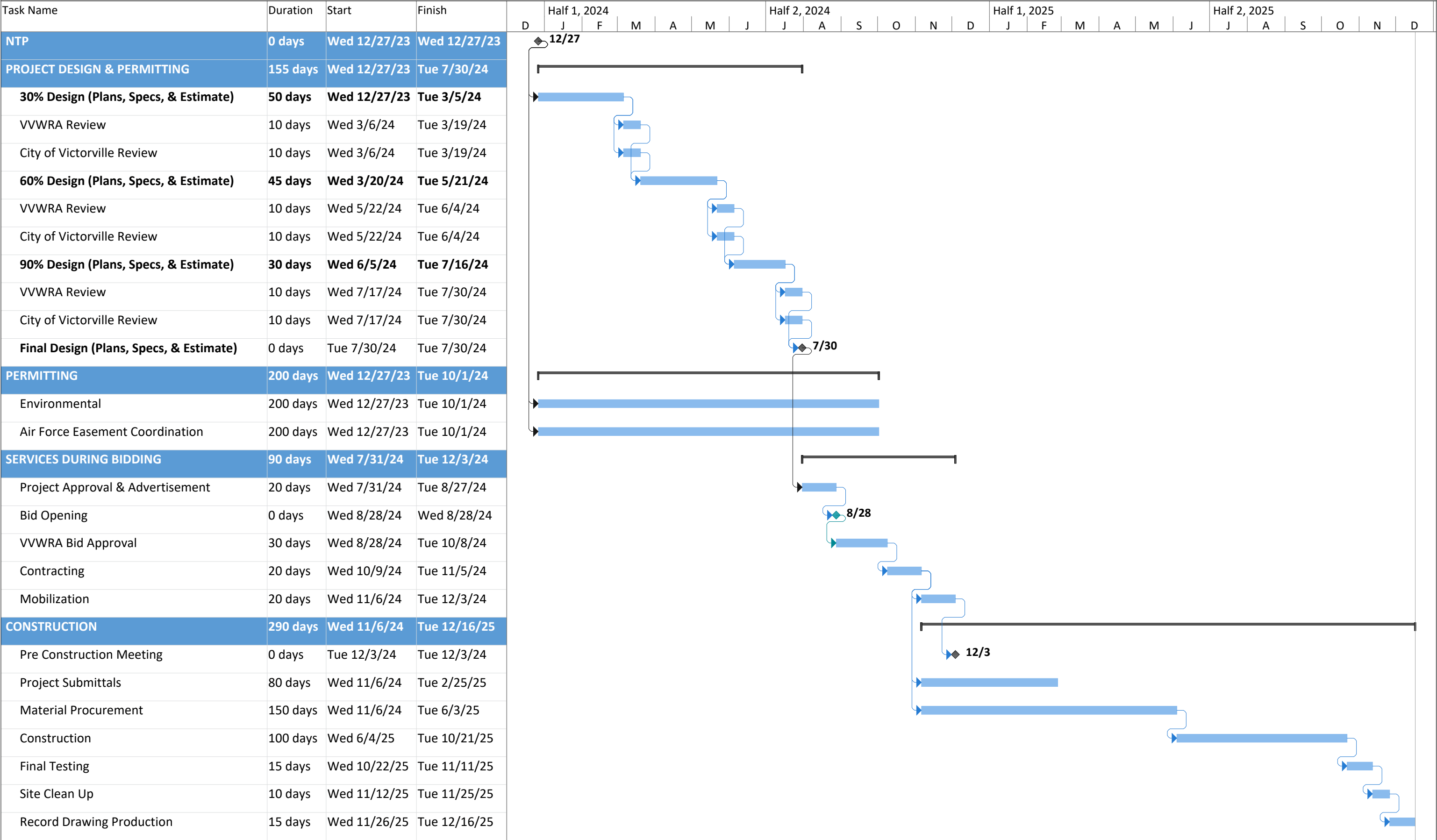
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## **ATTACHMENT D – Preliminary Schedule**

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Water Pipeline Feasibility Study - VVWRA - Preliminary Schedule



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NOVEMBER 13, 2025 | 2:00 PM



**HOCH CONSULTING**

804 PIER VIEW WAY  
SUITE 100  
OCEANSIDE, CA 92054  
P: 858.431.9767

# ***COST FILE***

REQUEST FOR PROPOSALS FOR  
**POTABLE WATER SUPPLY  
PIPELINE DESIGN,  
ENVIRONMENTAL PERMITTING,  
AND CONSTRUCTION SUPPORT  
SERVICES**



Please provide a lump-sum, not-to-exceed fee proposal for the scope of Services. The fee proposal shall include hourly rates for all personnel for "Additional Services" (as such term is defined in the Agreement attached hereto as Exhibit "B").

| VWVRA- Potable Water Supply Pipeline Design, Environmental Permitting, and Construction Support Services |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                |                                |                |               |                       |                            |                |                          |                         |                                                    | Hoch Consulting |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------|------------------------------------|---------------------------------------|----------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|--------------------------------|----------------|---------------|-----------------------|----------------------------|----------------|--------------------------|-------------------------|----------------------------------------------------|-----------------|
| Fee Proposal.R1                                                                                          |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                |                                |                |               |                       |                            |                |                          |                         |                                                    |                 |
| Project Task                                                                                             | Hoch Consulting Labor                   |                                  |                                    |                                       |                                                    |                                                                  |                                                |                                | Subconsultants |               |                       |                            |                |                          |                         | ODCs                                               | Total Fees*     |
|                                                                                                          | Adam Hoch<br>Principal in Charge/<br>PM | Jennifer Kerschbaum<br>Deputy PM | Richard Roth<br>Sr. Civil Designer | Haley Currier -<br>Associate Engineer | Sol Sheikh<br>Director of Construction<br>Services | Cody Van de vrugt<br>Construction Assistant<br>Resident Engineer | Michael Harrell (PW)<br>Construction Inspector | Total Hoch<br>Consulting Labor | KDM Meridian   | Ninyo & Moore | Mission<br>Consulting | Tom Dodson &<br>Associates | CRM TECH       | NV5                      | Subconsultant<br>Markup | Preliminary Title<br>Reports, Mileage,<br>Per Diem | Proposal        |
|                                                                                                          | \$267.00                                | \$210.00                         | \$165.00                           | \$155.00                              | \$225.00                                           | \$155.00                                                         | \$175.00                                       | -                              | Survey         | Geotechnical  | Hydraulic<br>Modeling | Environmental              | Cultural-Paleo | Biological<br>Monitoring | 5%                      |                                                    | -               |
| Base Proposal                                                                                            |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                |                                |                |               |                       |                            |                |                          |                         |                                                    |                 |
| Task 1: Project Administration & Management                                                              | 64                                      | 46                               | 0                                  | 12                                    | 16                                                 | 0                                                                | 0                                              | \$ 32,208.00                   | \$ -           | \$ -          | \$ -                  | \$ -                       | \$ -           | \$ -                     | \$ -                    | \$ -                                               | 32,208.00       |
| Kickoff & Coordination Meetings                                                                          | 16                                      | 16                               |                                    |                                       | 16                                                 |                                                                  |                                                | \$ 11,232.00                   |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| QA/QC                                                                                                    | 24                                      |                                  |                                    |                                       |                                                    |                                                                  |                                                | \$ 6,408.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Stakeholder Engagement                                                                                   | 24                                      | 24                               |                                    |                                       |                                                    |                                                                  |                                                | \$ 11,448.00                   |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Project Schedule                                                                                         |                                         | 6                                |                                    | 12                                    |                                                    |                                                                  |                                                | \$ 3,120.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Task 2: Environmental Documentation & Permitting                                                         | 8                                       | 40                               | 6                                  | 18                                    | 0                                                  | 0                                                                | 0                                              | \$ 14,316.00                   | \$ -           | \$ -          | \$ -                  | \$ 62,500.00               | \$ -           | \$ -                     | \$ 3,125.00             | \$ -                                               | 79,941.00       |
| Environmental                                                                                            |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                | \$ -                           |                |               |                       | \$ 62,500.00               |                |                          | \$ 3,125.00             |                                                    |                 |
| Permitting                                                                                               | 8                                       | 40                               | 6                                  | 18                                    |                                                    |                                                                  |                                                | \$ 14,316.00                   |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Task 3: Preliminary Design                                                                               | 10                                      | 44                               | 128                                | 32                                    | 0                                                  | 16                                                               | 0                                              | \$ 40,470.00                   | \$ 62,820.00   | \$ 59,600.00  | \$ 2,000.00           | \$ -                       | \$ -           | \$ -                     | \$ 6,221.00             | \$ 7,500.00                                        | 178,611.00      |
| Surveying - Topography & Basemapping                                                                     |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                | \$ -                           | \$ 54,900.00   |               |                       |                            |                |                          | \$ 2,745.00             | \$ 7,500.00                                        |                 |
| Land Acquisition - Plats & Legal                                                                         |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                | \$ -                           | \$ 7,920.00    |               |                       |                            |                |                          | \$ 396.00               |                                                    |                 |
| Utility Research                                                                                         |                                         | 2                                | 8                                  | 12                                    |                                                    | 8                                                                |                                                | \$ 4,840.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Geotechnical Investigations                                                                              |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                | \$ -                           |                | \$ 59,600.00  |                       |                            |                |                          | \$ 2,980.00             |                                                    |                 |
| Site Investigations                                                                                      |                                         | 2                                |                                    |                                       |                                                    | 8                                                                |                                                | \$ 1,660.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Hydraulic Analysis                                                                                       | 2                                       |                                  |                                    |                                       |                                                    |                                                                  |                                                | \$ 534.00                      |                |               | \$ 2,000.00           |                            |                |                          | \$ 100.00               |                                                    |                 |
| Preliminary Design Report                                                                                | 8                                       | 40                               | 120                                | 20                                    |                                                    |                                                                  |                                                | \$ 33,436.00                   |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Task 4: Final Design                                                                                     | 8                                       | 42                               | 300                                | 150                                   | 0                                                  | 0                                                                | 0                                              | \$ 83,706.00                   | \$ -           | \$ -          | \$ -                  | \$ -                       | \$ -           | \$ -                     | \$ -                    | \$ -                                               | 83,706.00       |
| 50% Design                                                                                               | 2                                       | 16                               | 160                                | 60                                    |                                                    |                                                                  |                                                | \$ 39,594.00                   |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| 90% Design                                                                                               | 2                                       | 12                               | 80                                 | 40                                    |                                                    |                                                                  |                                                | \$ 22,454.00                   |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| 100% Design                                                                                              | 2                                       | 10                               | 40                                 | 30                                    |                                                    |                                                                  |                                                | \$ 13,884.00                   |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Final Design                                                                                             | 2                                       | 4                                | 20                                 | 20                                    |                                                    |                                                                  |                                                | \$ 7,774.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Task 6: Assistance During Bidding                                                                        | 10                                      | 10                               | 12                                 | 5                                     | 0                                                  | 0                                                                | 0                                              | \$ 7,525.00                    | \$ -           | \$ -          | \$ -                  | \$ -                       | \$ -           | \$ -                     | \$ -                    | \$ -                                               | 7,525.00        |
| Pre-Bid Meeting Attendance                                                                               | 6                                       |                                  |                                    |                                       |                                                    |                                                                  |                                                | \$ 1,602.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Questions and Addenda                                                                                    | 4                                       | 8                                | 12                                 |                                       |                                                    |                                                                  |                                                | \$ 4,728.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Bid Evaluation                                                                                           | 0                                       | 2                                |                                    | 5                                     |                                                    |                                                                  |                                                | \$ 1,195.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Task 7: Engineering Services During Construction (ESDC)                                                  | 20                                      | 24                               | 0                                  | 0                                     | 20                                                 | 20                                                               | 0                                              | \$ 17,980.00                   | \$ -           | \$ -          | \$ -                  | \$ -                       | \$ -           | \$ -                     | \$ -                    | \$ -                                               | 17,980.00       |
| Submittals, RFIs, and Shop Drawings                                                                      | 4                                       |                                  |                                    |                                       | 10                                                 | 10                                                               |                                                | \$ 4,868.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Design Clarifications and Supplemental Instructions                                                      | 4                                       | 8                                |                                    |                                       |                                                    |                                                                  |                                                | \$ 2,748.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Progress Meeting Attendance                                                                              | 8                                       | 8                                |                                    |                                       |                                                    |                                                                  |                                                | \$ 3,816.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Progress Schedules and Proposed Change Orders                                                            | 4                                       | 8                                |                                    |                                       | 10                                                 | 10                                                               |                                                | \$ 6,548.00                    |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Total Base Proposal                                                                                      | 120.0                                   | 206.0                            | 446.0                              | 217.0                                 | 36.0                                               | 36.0                                                             | 0.0                                            | \$ 196,205.00                  | \$ 62,820.00   | \$ 59,600.00  | \$ 2,000.00           | \$ 62,500.00               | \$ -           | \$ -                     | \$ 9,346.00             | \$ 7,500.00                                        | 399,971.00      |
| Optional Items                                                                                           |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                |                                |                |               |                       |                            |                |                          |                         |                                                    |                 |
| Task 8: Construction Management & Inspection                                                             | 0                                       | 0                                | 0                                  | 0                                     | 60                                                 | 120                                                              | 656                                            | \$ 146,900.00                  | \$ -           | \$ -          | \$ -                  | \$ -                       | \$ 53,200.00   | \$ 93,810.00             | \$ 7,350.50             | \$ 68,237.00                                       | 369,497.50      |
| Construction Management                                                                                  |                                         |                                  |                                    |                                       | 60                                                 | 120                                                              |                                                | \$ 32,100.00                   |                |               |                       |                            |                |                          | \$ -                    |                                                    |                 |
| Inspection (PW)                                                                                          |                                         |                                  |                                    |                                       |                                                    |                                                                  | 656                                            | \$ 114,800.00                  |                |               |                       |                            |                |                          | \$ -                    | \$ 19,065.00                                       |                 |
| Biological Monitoring                                                                                    |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                | \$ -                           |                |               |                       |                            |                | \$ 93,810.00             | \$ 4,690.50             | \$ 29,678.00                                       |                 |
| Cultural & Paleontological Inspection (if Needed)                                                        |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                | \$ -                           |                |               |                       |                            | \$ 53,200.00   |                          | \$ 2,660.00             | \$ 19,494.00                                       |                 |
| Total Optional Items                                                                                     | 0                                       | 0                                | 0                                  | 0                                     | 60                                                 | 120                                                              | 656                                            | \$ 293,800.00                  | \$ -           | \$ -          | \$ -                  | \$ -                       | \$ 53,200.00   | \$ 93,810.00             | \$ 7,350.50             | \$ 68,237.00                                       | 369,497.50      |
| Total Proposal                                                                                           |                                         |                                  |                                    |                                       |                                                    |                                                                  |                                                |                                |                |               |                       |                            |                |                          |                         |                                                    |                 |
| Total Proposal                                                                                           | 120.0                                   | 206.0                            | 446.0                              | 217.0                                 | 96.0                                               | 156.0                                                            | 656.0                                          | \$ 490,005.00                  | \$ 62,820.00   | \$ 59,600.00  | \$ 2,000.00           | \$ 62,500.00               | \$ 53,200.00   | \$ 93,810.00             | \$ 16,696.50            | \$ 75,737.00                                       | 769,468.50      |

\* Includes 5% Markup on Subconsultants

CLARIFICATIONS/QUALIFICATIONS ON FEE

- \* Rates subject to prevailing wage are identified above with "(PW)"; PW rates are subject to overtime, double time, and off-shift rates in compliance with prevailing wage requirements per the DIR
- \* Above listed rates are based on regular work hours and does not include overtime nor off-shift work
- Hoch Consulting will hold the above rates for occassional/periodic overtime and off-shift work for non-prevailing wage personnel (i.e. Construction Manager, ARE, etc.)
- \* Above fee excludes offsite (i.e. manufacturing facility, fabrication shop, etc.) inspections
- \* No CWA nor PLA has been identified to be applicable to this project. Rates for applicable personnel are subject to change in order to conform with CWA and/or PLA
- \* Construction Inspection under Task#8 hours include full time onsite inspection for the anticipated construction duration (including all mobilization & punchlist) of 82 working days and costs associated with soils compaction testing
- \* Biological Monitoring (NV5) under Task#8 hours include full time onsite monitoring for the anticipated construction duration (EXCLUDING mobilization, photos, & punchlist) of 71 working days
- \* OPTIONAL Paleo & Cultural Resource Monitoring (CRM Tech), under Optional Tasks, include full time onsite monitoring during all ground disturbing activities during construction for a duration of 54 working days, monthly reporting, and final paleontological report. Note, all hours are based on no paleo nor crltruul resources being found during construction. In the event that resources are found, additional hours will apply
- \* OPTIONAL Paleo & Cultural Resource Monitoring (under Optional Items) and Biological Monitoring (under Task#8), include DIR per diem under the "ODC" column
- \* Mileage reimbursement at current IRS rates





## **VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY**

### **Board Of Commissioners Agenda Item**

**TO:** VFWRA Board of Commissioners

**FROM:** Darron Poulsen, General Manager

**SUBMITTED BY:** Kristi Casteel, Executive Assistant to the GM

**DATE:** 01/29/2026

**SUBJECT:** It is recommended that the Board of Commissioners appoint the General Manager as Real Property Negotiator for the purposes of negotiating the use, lease or purchase of VFWRA real property for Future Land Negotiations regarding APN 0473183-23 and APN's 0468061-11 & 0468061-14. & 04668061-15 to negotiate any terms, conditions or legal instruments that may be appropriate

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