

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, May 16, 2024
Open Session 7:30 a.m. NO CLOSED SESSION

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.

Call to Order **Nassif**

Roll Call **Casteel**

Call to Order & Pledge of Allegiance **Nassif**

Public Comment (Government Code Section 54954.3) **Nassif**

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 **Nassif**

Consent Calendar **Nassif**

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, staff member 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.

Item 1. Receive, Approve and File Minutes **Poulsen**

- Regular Board Meeting 04/25/2024

Item 2. Receive, Approve and File April 2024 Disbursement

- Warrant Summary Disbursements

Board Action Required

Staff Recommendation: Approve as presented

Reports & Presentations

<u>Item 3.</u> Preliminary Budget Review	Wang
<u>No Action Required</u>	
<u>Item 4.</u> Update on Rate Study	Poulsen
<u>No Action Required</u>	

Staff Reports

<u>Item 5.</u> General Managers Report	Poulsen
<u>Item 6.</u> Financial and Investment Report Report– 4th Quarter 2023	Wang
<u>Item 7.</u> Operations and Maintenance Report – 4th Quarter 2023	Adams
<u>Item 8.</u> Environmental Compliance Report – 4th Quarter 2023	Laari
<u>Item 9.</u> Septage Receiving Facility Report – 4th Quarter 2023	Laari
<u>Item 10.</u> Safety and Communication Report – 4th Quarter 2023	Wylie

Adjournment

Nassif

The board will adjourn to a regular board meeting

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.

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

VVWRA's Board Meeting packets and agendas are available for review on its website at www.vvwra.com. The website is updated on Friday preceding any regularly scheduled board meeting.

**MINUTES OF A REGULAR MEETING
REGULAR MEETING OF THE BOARD OF COMMISSIONERS
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (VWRA)
April 25, 2024**

CALL TO ORDER: Chair Scott Nassif 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:

TOWN OF APPLE VALLEY	Scott Nassif, Chair
CITY OF VICTORVILLE	Debra Jones, Vice-Chair
CITY OF HESPERIA	Larry Bird, Secretary
ORO GRANDE (CSA 42) AND SPRING VALLEY LAKE (CSA 64)	Dakota Higgins, Treasurer

VWRA Staff and Legal Counsel:

Darron Poulsen, General Manager
Piero Dallarda, Legal Counsel (BB&K)
David Wylie, Safety & Communications Officer
Brad Adams, Director of O&M
Robert Coromina, Director of Administration
Mike Medina, IT Technician
Latif Laari, EC Manager
Xiwei Wang, Accounting Supervisor
Hillary Chavez, Administrative Aide

Guests

Keith Metzler, City of Victorville
Sam Arvizu, City of Victorville
Freddy Bonilla, City of Victorville
Janele Davidson, City of Victorville
Doug Matthews, City of Victorville
Rachel Molina, City of Hesperia
Carlos Rodriguez – BIA

REGULAR SESSION

CALL TO ORDER & PLEDGE OF ALLEGIANCE

PUBLIC COMMENTS- REGULAR SESSION AGENDA

Carlos Rodgiriguez- BIA, Items 3 and 6

POSSIBLE CONFLICT OF INTEREST –

No Conflict of Interest

CONSENT CALENDAR:

1. **Receive, Approve, and File Minutes, March 21, 2024 Regular Meeting**
2. **Receive, Approve and File February 2024 Disbursement**

Moved: Commissioner Higgins

Second: Chair Nassif

Approval of the Consent Calendar Items 1 and 2.

Chair Nassif- Yes

Commissioner Jones - Yes

Commissioner Bird - Yes

Commissioner Higgins- Yes

Motion passed by a 4-0 roll call vote

ACTION ITEM:

3. **Recommendation to Adopt Resolution 2024-05 Adopting the 2024 Wastewater and Connection Fee Update Prepared by RDN Inc.**

The Board will consider approval to Adopt Resolution 2024-05 adopting the 2024 wastewater and connection fee update prepared by RDN Inc

No action was taken. Tabled discussion til the May 16th Board Meeting

PUBLIC HEARING:

4. **First Reading of Ordinance 001: An Ordinance for the Victor Valley Wastewater Reclamation Authority Increasing Sewer User Charges**

Chair Nassif opened the Public Hearing at 9:25 AM.

The Secretary of the Board confirmed the posting and publication of the Hearing Notice as required by law.

Darron Poulsen gave a brief presentation on Ordinance 001

VVWRA Regular Meeting Minutes

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Chair Nassif asked if there were any comments from the public. There were no public comments.

Chair Nassif closed the public hearing at 9:36 am

ACTION ITEM:

5. Recommendation to to Schedule Second Hearing of Ordinance 001: Adoption of Sewer User Charge

The Board will consider approval to authorize the General Manager to schedule the second reading of Ordinance 001: Adoption of Sewer User Charge for May 16, 2024 at 8:00 AM

No action was taken. Tabled to June 20th

PUBLIC HEARING:

6. First Reading of Ordinance 002: An Ordinance for the Victor Valley Wastewater Reclamation Authority Increasing Connection Fee

Tabled till June 20th meeting

ACTION ITEM:

7. Recommendation to Schedule Second Hearing for Ordinance 002: Connection Fee Ordinance

The Board will consider approval to authorize the General Manager to schedule the second reading of Ordinance 002: Connection Fee Ordinance for May 16, 2024 at 8:00 AM

No action was taken. Tabled till June 20th meeting

VWRA Regular Meeting Minutes

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10. Recommendation to Authorize the General Manager to Approve the Purchase of a New Loader, Using Cooperative Sourcewell Pricing, from Quinn Cat for an Amount Not to Exceed \$408,000

The Board will consider approval to authorize the General Manager to approve the purchase of a new loader from Quinn Cat, using cooperative Sourcewell pricing, for an amount not to exceed \$408,000

Moved: Commissioner Higgins

Second: Bird

Approval to authorize the General Manager to approve the purchase of a new loader from Quinn Cat, using cooperative Sourcewell pricing, for an amount not to exceed \$408,000

Chair Nassif- Yes

Commissioner Jones - Yes

Commissioner Bird - Yes

Commissioner Higgins- Yes

Motion passed by a 4-0 roll call vote

11. Recommendation to Authorize the General Manager to Approve the Purchase of Two Grit Classifiers from Saddleback Environmental, for an Amount Not to Exceed \$176,000.00

The Board will consider approval to authorize the General Manager to approve the purchase of two grit classifiers from Saddleback Environmental for an amount not to exceed \$176,000

Moved: Commissioner Jones

Second: Commissioner Higgins

Approval to authorize the General Manager to approve the purchase of two grit classifiers from Saddleback Environmental for an amount not to exceed \$176,000

Chair Nassif- Yes

Commissioner Jones - Yes

Commissioner Bird - Yes

Commissioner Higgins- Yes

Motion passed by a 4-0 roll call vote



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

DATE: May 16, 2024

TO: Darron Poulsen
General Manager

FROM: Xiwei Wang
Accounting Supervisor

SUBJECT: Cash Disbursements Register

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 APRIL 2024, check numbers 125543-125592 and ACH's.

<i>Accounts Payable</i>			
<i>Checks</i>	<i>ACH's and EFT's</i>	<i>Payroll</i>	<i>Total</i>
<i>\$208,236.57</i>	<i>\$1,501,718.20</i>	<i>\$376,469.21</i>	<i>\$2,086,423.98</i>

Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 04/01/2024 through 04/30/2024

Vendor Name	Payment #	Date	Total
All Pro Pest Control	125543	04/02/2024	\$ 1,280.00
Brown Bear Corp	125544	04/02/2024	\$ 761.03
City Of Victorville / Utility Billing	125545	04/02/2024	\$ 19,272.37
Dell Inc.	125546	04/02/2024	\$ 251.76
Industrial Solution Services, Inc	125547	04/02/2024	\$ 3,130.75
Mojave Desert A.Q.M.D.	125548	04/02/2024	\$ 1,431.49
Napa Victorville	125549	04/02/2024	\$ 255.94
Rain For Rent	125550	04/02/2024	\$ 12,640.59
Safety-Kleen Systems Inc.	125551	04/02/2024	\$ 1,758.17
San Bernardino & Riverside Counties Fire Equipment	125552	04/02/2024	\$ 1,451.00
The Woodall Group Inc.	125553	04/02/2024	\$ 72.00
United Rentals Northwest, Inc	125554	04/02/2024	\$ 6,809.85
Vasquez & Company, Llp	125555	04/02/2024	\$ 20,000.00
All American Fence Erectors	125556	04/10/2024	\$ 15,578.00
All Pro Pest Control	125557	04/10/2024	\$ 4,025.00
Answering 365	125558	04/10/2024	\$ 154.65
Battery Mart	125559	04/10/2024	\$ 2,805.91
Hat Trix	125560	04/10/2024	\$ 1,163.12
High Desert Lock & Safe	125561	04/10/2024	\$ 998.64
Hilti Inc.	125562	04/10/2024	\$ 1,575.17
Konica Minolta Business Solutions	125563	04/10/2024	\$ 536.96
Quill Corporation	125564	04/10/2024	\$ 142.52
Shredyourdocs.Com	125565	04/10/2024	\$ 108.00
Socal Jcb	125566	04/10/2024	\$ 749.20
United Rentals Northwest, Inc	125567	04/10/2024	\$ 83.42
Wang, Xiwei	125568	04/10/2024	\$ 80.66
Learn Cpr 4 Life	125569	04/16/2024	\$ 935.00
Ponton Industries, Inc.	125570	04/16/2024	\$ 568.94
Rain For Rent	125571	04/16/2024	\$ 10,536.49
Roto-Rooter Plumbers	125572	04/16/2024	\$ 89.00
Total Air Analysis, Inc.	125573	04/16/2024	\$ 7,950.00
Uline, Inc.	125574	04/16/2024	\$ 375.09
United Rentals Northwest, Inc	125575	04/22/2024	\$ 2,125.68
American Compressor Company	125576	04/29/2024	\$ 2,800.38
Atmospheric Analysis And Consulting	125577	04/29/2024	\$ 1,825.00
Brown Bear Corp	125578	04/29/2024	\$ 26,541.61
City Of Victorville / Utility Billing	125579	04/29/2024	\$ 15,133.01
Dell Inc.	125580	04/29/2024	\$ 13,219.20
Environmental Water Solutions, Inc Aka Semitorr Group, Inc.	125581	04/29/2024	\$ 791.71
Guardian	125582	04/29/2024	\$ 677.10
Harrington Industrial Plastics	125583	04/29/2024	\$ 1,003.40
Hi-Desert Communications	125584	04/29/2024	\$ 150.00
Hilti Inc.	125585	04/29/2024	\$ 773.66
Merrell Johnson Companies	125586	04/29/2024	\$ 5,157.80
Mojave Desert A.Q.M.D.	125587	04/29/2024	\$ 420.12
Napa Victorville	125588	04/29/2024	\$ 171.76
Ponton Industries, Inc.	125589	04/29/2024	\$ 15,490.09
Socal Jcb	125590	04/29/2024	\$ 510.46
Uline, Inc.	125591	04/29/2024	\$ 235.76
Verizon Wireless	125592	04/29/2024	\$ 3,639.11
Total Checks			\$ 208,236.57

Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 04/01/2024 through 04/30/2024

Vendor Name	Payment #	Date	Total
Babcock Laboratories, Inc.	21881	04/03/2024	\$ 17,642.74
Beck Oil, Inc.	21882	04/03/2024	\$ 3,197.81
Best, Best & Krieger, L.L.P.	21883	04/03/2024	\$ 36,953.55
Biogas Power Systems- Mojave, Llc	21884	04/03/2024	\$ 64,119.27
Blackline Safety Corp	21885	04/03/2024	\$ 210.00
California School Veba	21886	04/03/2024	\$ 659.07
Cintas Corporation	21887	04/03/2024	\$ 1,015.86
D.K.F. Solutions Group, Llc	21888	04/03/2024	\$ 350.00
Dudek	21889	04/03/2024	\$ 1,038.75
Grainger	21890	04/03/2024	\$ 3,581.43
Labor Finders	21891	04/03/2024	\$ 1,207.66
Larry Walker Associates	21892	04/03/2024	\$ 1,182.50
Mcgrath Rentcorp	21893	04/03/2024	\$ 6,012.82
Mcmaster-Carr Supply Co.	21894	04/03/2024	\$ 44.41
Opengov, Inc	21895	04/03/2024	\$ 54,800.00
Performance Contracting, Inc	21896	04/03/2024	\$ 1,701.00
Prudential Overall Supply	21897	04/03/2024	\$ 946.54
Quinn Company	21898	04/03/2024	\$ 4,376.26
Robert D. Niehause, Inc.	21899	04/03/2024	\$ 8,500.00
Veteran Janitorial, Llc	21900	04/03/2024	\$ 2,730.00
Westair Gases & Equipment	21901	04/03/2024	\$ 1,269.48
American Express	21902	04/11/2024	\$ 18,482.00
Applied Maintenance Supplies & Solution	21903	04/11/2024	\$ 1,099.56
Beck Oil, Inc.	21904	04/11/2024	\$ 50.05
Cdw Government, Inc	21905	04/11/2024	\$ 1,209.83
Daily Express	21906	04/11/2024	\$ 980.00
Desert Pumps & Parts, Inc.	21907	04/11/2024	\$ 1,171.09
Dxp Enterprises	21908	04/11/2024	\$ 5,963.38
Elogger Inc.	21909	04/11/2024	\$ 5,278.54
Fha Services, Inc.	21910	04/11/2024	\$ 26,376.39
Grainger	21911	04/11/2024	\$ 1,012.62
Graybar Electric Co., Inc.	21912	04/11/2024	\$ 1,764.79
Howden Usa Company	21913	04/11/2024	\$ 61,062.90
Labor Finders	21914	04/11/2024	\$ 1,414.16
Luhdorff And Scalmanini	21915	04/11/2024	\$ 595.00
Mcmaster-Carr Supply Co.	21916	04/11/2024	\$ 59.13
Parker, Kyle	21917	04/11/2024	\$ 79.19
Pro Automation Co.	21918	04/11/2024	\$ 6,900.00
Prudential Overall Supply	21919	04/11/2024	\$ 940.57
Quinn Company	21920	04/11/2024	\$ 26,967.44
Raymond Lopez	21921	04/11/2024	\$ 180.90
Rki Instruments Inc	21922	04/11/2024	\$ 935.03
Santa Fe Water Systems	21923	04/11/2024	\$ 9,820.88
Scientific Services Plus	21924	04/11/2024	\$ 436.13
Siemens Industry Inc.	21925	04/11/2024	\$ 11,130.55
Trimax Systems, Llc	21926	04/11/2024	\$ 117,075.00
Xylem Dewatering Solutions	21927	04/11/2024	\$ 1,324.00
Adt Commercial	21928	04/17/2024	\$ 516.06
Applied Maintenance Supplies & Solution	21929	04/17/2024	\$ 1,829.95
Brenntag Pacific, Inc	21930	04/17/2024	\$ 4,648.20
Cdw Government, Inc	21931	04/17/2024	\$ 883.16

**Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 04/01/2024 through 04/30/2024**

Vendor Name	Payment #	Date	Total
Ehs International Inc.	21932	04/17/2024	\$ 2,130.00
Facilities Engineering	21933	04/17/2024	\$ 4,176.11
Fha Services, Inc.	21934	04/17/2024	\$ 10,536.23
Grainger	21935	04/17/2024	\$ 2,894.58
Hach Company	21936	04/17/2024	\$ 27.51
High Desert Affordable Landscaping	21937	04/17/2024	\$ 5,034.00
Hoch Consulting	21938	04/17/2024	\$ 20,782.50
Jh Technologies, Inc.	21939	04/17/2024	\$ 199.00
Labor Finders	21940	04/17/2024	\$ 1,169.09
Michael'S Auto Detail	21941	04/17/2024	\$ 350.00
Ndk Chem, Inc.	21942	04/17/2024	\$ 2,000.00
Pacific Parts And Controls Inc.	21943	04/17/2024	\$ 890.33
Pro Automation Co.	21944	04/17/2024	\$ 5,957.33
Procurement Consulting Services, Llc.	21945	04/17/2024	\$ 900.00
Prudential Overall Supply	21946	04/17/2024	\$ 890.39
Quinn Company	21947	04/17/2024	\$ 40.22
Socal Biomethane, Llc	21948	04/17/2024	\$ 316,000.00
T-Mobile	21949	04/17/2024	\$ 116.76
Westair Gases & Equipment	21950	04/17/2024	\$ 1,035.30
Xylem Water Solutions	21951	04/17/2024	\$ 256.02
Parker, Kyle	21952	04/19/2024	\$ 10.00
U.S. Bank	21953	04/19/2024	\$ 13,039.10
A.D.S. Corp.	21954	04/23/2024	\$ 9,490.00
Anthony, Donna	21955	04/23/2024	\$ 229.55
Babcock Laboratories, Inc.	21956	04/23/2024	\$ 14,873.50
Bargain Byte	21957	04/23/2024	\$ 8,018.88
Billings, Richard	21958	04/23/2024	\$ 414.00
Cdw Government, Inc	21959	04/23/2024	\$ 1,176.22
City Of Victorville	21960	04/23/2024	\$ 250.00
Collicutt Energy Services Inc	21961	04/23/2024	\$ 4,198.01
Correia, Linda	21962	04/23/2024	\$ 414.00
Cv Strategies	21963	04/23/2024	\$ 5,246.25
Dagnino, Roy	21964	04/23/2024	\$ 414.00
Davis, Tim	21965	04/23/2024	\$ 414.00
Dc Frost Associates, Inc.	21966	04/23/2024	\$ 779.43
Dudek	21967	04/23/2024	\$ 2,096.25
Enriquez, Daniel	21968	04/23/2024	\$ 192.00
Fha Services, Inc.	21969	04/23/2024	\$ 982.13
Flint, Terrie Gossard	21970	04/23/2024	\$ 291.15
Grainger	21971	04/23/2024	\$ 4,238.74
Gyurcsik, Darline	21972	04/23/2024	\$ 291.15
Hach Company	21973	04/23/2024	\$ 278.00
Hinojosa, Thomas	21974	04/23/2024	\$ 414.00
Inland Empire Windustrial	21975	04/23/2024	\$ 1,737.28
Keniston, Olin	21976	04/23/2024	\$ 291.15
Labor Finders	21977	04/23/2024	\$ 1,529.22
Main, Randy	21978	04/23/2024	\$ 414.00
Mcgee, Mark	21979	04/23/2024	\$ 414.00
Montgomery, Lillie	21980	04/23/2024	\$ 184.72
Nalian, L. Christina	21981	04/23/2024	\$ 184.72
Nave, Patrick	21982	04/23/2024	\$ 414.00

Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 04/01/2024 through 04/30/2024

Vendor Name	Payment #	Date	Total
Ndk Chem, Inc.	21983	04/23/2024	\$ 2,000.00
Pacific Parts And Controls Inc.	21984	04/23/2024	\$ 4,363.05
Prudential Overall Supply	21985	04/23/2024	\$ 902.31
Royal Industrial Solutions	21986	04/23/2024	\$ 610.49
Saddleback Environmental Equipment, Inc.	21987	04/23/2024	\$ 3,830.00
Scientific Services Plus	21988	04/23/2024	\$ 340.00
Trakstar	21989	04/23/2024	\$ 7,600.00
Underground Service Alert Of Southern California	21990	04/23/2024	\$ 60.75
Vertech Industrial Systems	21991	04/23/2024	\$ 2,796.00
Victor Valley Wastewater Employees Assoc	21992	04/23/2024	\$ 725.00
Waxie Sanitary Supply	21993	04/23/2024	\$ 1,172.84
West Yost & Associates, Inc	21994	04/23/2024	\$ 1,416.25
Wylie, David	21995	04/23/2024	\$ 58.63
Xylem Water Solutions	21996	04/23/2024	\$ 42,320.26
Applied Maintenance Supplies & Solution	21997	04/30/2024	\$ 1,234.47
Beck Oil, Inc.	21998	04/30/2024	\$ 3,847.19
Blackline Safety Corp	21999	04/30/2024	\$ 210.00
Brenntag Pacific, Inc	22000	04/30/2024	\$ 17,807.55
Caltrol, Inc.	22001	04/30/2024	\$ 2,643.98
Cdw Government, Inc	22002	04/30/2024	\$ 111.53
Cintas Corporation	22003	04/30/2024	\$ 1,307.99
D.K.F. Solutions Group, Llc	22004	04/30/2024	\$ 350.00
Desert Pumps & Parts, Inc.	22005	04/30/2024	\$ 1,364.00
E&M Electric And Machinery, Inc	22006	04/30/2024	\$ 8,645.00
Evoqua Water Technologies Llc	22007	04/30/2024	\$ 12,142.85
Facilities Engineering	22008	04/30/2024	\$ 6,870.34
Fastenal	22009	04/30/2024	\$ 518.90
G.A. Osborne Pipe & Supply	22010	04/30/2024	\$ 129.28
Grainger	22011	04/30/2024	\$ 7,597.67
Innerline Engineering	22012	04/30/2024	\$ 11,880.00
Labor Finders	22013	04/30/2024	\$ 1,157.04
Mcgrath Rentcorp	22014	04/30/2024	\$ 6,743.11
Netgain Networks, Inc	22015	04/30/2024	\$ 4,200.00
Polydyne Inc.	22016	04/30/2024	\$ 6,220.50
Procurement Consulting Services, Llc.	22017	04/30/2024	\$ 2,250.00
Prudential Overall Supply	22018	04/30/2024	\$ 1,819.72
Quinn Company	22019	04/30/2024	\$ 32.00
Robert D. Niehause, Inc.	22020	04/30/2024	\$ 9,355.00
Rockwell Engineering	22021	04/30/2024	\$ 7,210.05
Veteran Janitorial, Llc	22022	04/30/2024	\$ 2,730.00
Westair Gases & Equipment	22023	04/30/2024	\$ 1,109.25
Xylem Water Solutions	22024	04/30/2024	\$ 1,056.36
Charlene Villalvazo	22025	04/30/2024	\$ 7,477.47
Spectrum (Prev. Charter Communications)	DFT04389	04/02/2024	\$ 4,952.59
Lincoln Financial Group	DFT04390	04/02/2024	\$ 6,080.28
Lincoln Financial Group	DFT04391	04/02/2024	\$ 74.66
Principal Life Ins. Co.	DFT04392	04/02/2024	\$ 4,046.33
Southwest Gas Company	DFT04393	04/02/2024	\$ 329.50
Southwest Gas Company	DFT04394	04/02/2024	\$ 37,976.91
Southwest Gas Company	DFT04395	04/02/2024	\$ 41,279.06
Sparkletts Drinking Water	DFT04396	04/02/2024	\$ 853.26

Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 04/01/2024 through 04/30/2024

Vendor Name	Payment #	Date	Total
Southwest Gas Company	DFT04397	04/02/2024	\$ 84.84
Tforce Freight (Aka Ups Freight)	DFT04398	04/02/2024	\$ 1,366.74
Ups	DFT04399	04/02/2024	\$ 57.77
Tforce Freight (Aka Ups Freight)	DFT04400	04/02/2024	\$ 654.24
Liberty Utilities	DFT04404	04/10/2024	\$ 132.25
Town Of Apple Valley	DFT04405	04/10/2024	\$ 199.10
Konica Minolta Business Solutions	DFT04406	04/10/2024	\$ 391.50
Southern California Edison	DFT04407	04/10/2024	\$ 96,112.61
Southern California Edison	DFT04408	04/09/2024	\$ 866.42
Ups	DFT04409	04/10/2024	\$ 16.09
Ca Dept. Of Tax And Fee Admin.	DFT04410	04/16/2024	\$ 677.00
Flyers Energy, Llc	DFT04411	04/16/2024	\$ 1,502.37
Southern California Edison	DFT04412	04/16/2024	\$ 27,324.15
Southern California Edison	DFT04413	04/16/2024	\$ 1,531.35
Southern California Edison	DFT04414	04/16/2024	\$ 24,265.70
Southwest Gas Company	DFT04415	04/16/2024	\$ 30.36
Southwest Gas Company	DFT04416	04/16/2024	\$ 59.37
Southwest Gas Company	DFT04417	04/16/2024	\$ 75.79
Ups	DFT04418	04/16/2024	\$ 37.09
A&T Mobility	DFT04419	04/16/2024	\$ 289.94
Enterprise Fm Trust	DFT04422	04/22/2024	\$ 12,187.86
State Water Resources Control Board	DFT04423	04/23/2024	\$ 75.00
State Water Resources Control Board	DFT04424	04/23/2024	\$ 1,818.00
Liberty Utilities	DFT04425	04/30/2024	\$ 136.21
Liberty Utilities	DFT04426	04/30/2024	\$ 604.14
Flyers Energy, Llc	DFT04427	04/30/2024	\$ 1,898.27
Quadient Leasing Usa, Inc	DFT04428	04/30/2024	\$ 15.21
Southwest Gas Company	DFT04429	04/30/2024	\$ 35,585.96
Southwest Gas Company	DFT04430	04/30/2024	\$ 29,906.49
Sparkletts Drinking Water	DFT04431	04/30/2024	\$ 877.23
Tforce Freight (Aka Ups Freight)	DFT04432	04/30/2024	\$ 696.56
Ups	DFT04433	04/30/2024	\$ 46.67
Ups	DFT04434	04/30/2024	\$ 356.03
Total EFT's and ACH			\$ 1,501,718.20

Approved



Total Checks	\$ 208,236.57
Total EFT's and ACH	\$ 1,501,718.20
Total Payroll - April 2024	\$ 376,469.21
Total	\$ 2,086,423.98



Collaboration – Dedication - Integrity



Victor Valley Wastewater Reclamation Authority

FY 2025 Proposed Budget



Agenda

- Comparative Fiscal Year Budget Analysis
- Debt Reserves and Coverage Ratios
- Budget Goals Achieved



Operating Revenues and Expenses Budget Analysis of FY 2024 and FY 2025

User Charge Fund	FYE 06/30/24 Revised Budget	FYE 06/30/25 Proposed Budget	Variance
Reserve Beginning Balance	8,959,325	7,697,169	-14%
Total Revenues	26,033,603	26,527,436	2%
Total Fund Loan/Lease Payments	(2,914,738)	(2,879,600)	-1%
Total Operating Expense	(22,241,912)	(24,567,812)	10%
Transfer from Unrestricted Reserve	-	919,975	0%
Current Year Budget Surplus	876,953	(0)	-100%
Total Reserve	9,836,278	6,777,193	
Total Restricted Reserve	(5,712,005)	(5,973,929)	
Total Unrestricted Reserve	4,124,273	803,264	
Total Capital Projects (User Charges)	(1,786,510)	-	
Total Supplemental Capital Purchase	(1,155,757)	-	
Unused Capital Purchase	140,800	-	
Project Rollover Portion	362,357	-	
Operating Expense Rollover Portion	300,000	-	
Unspent Unrestricted Reserve	1,985,164	803,264	



Reasons for the Increase in Expenses

Account Number	Account	2023-2024 Revised Budget	2024-2025 Prelim	Increase / (Decrease)	%	Comments
01-02-xxx-5000-9999	Regular Salaries (Plus buybacks, longevity)	5,377,971	5,677,924	299,953	6%	5.0% increase in COLA per the MOU
01-02-xxx-5040-9999	PERS/Retirement	1,189,470	1,353,207	163,737	14%	COLA increases per the MOU
01-02-535-6010-9999	Process Equipment	650,000	750,000	100,000	15%	Addition of Aeration parts \$50K, MBR parts \$20K and Anoxic Mixer \$30K
01-54-535-6010-9999	Process Equipment	50,000	125,000	75,000	150%	Addition of Aeration parts \$50K, MBR parts \$20K and Anoxic Mixer \$30K
01-55-535-6010-9999	Process Equipment	120,000	150,000	30,000	25%	Additional Anoxic mixer needed that costs \$30K
01-02-535-6050-9999	Tools	100,000	125,000	25,000	25%	Additional ongoing shop upgrade and new mechanic parts costs \$25K
01-02-535-6060-9999	Building and Ground Maintenance	510,000	700,000	190,000	37%	Additional plant landscaping maintenance and on-call for \$195K
01-54-535-6060-9999	Building and Ground Maintenance	50,000	200,000	150,000	300%	Additional plant landscaping maintenance and on-call for \$146K
01-55-535-6060-9999	Building and Ground Maintenance	50,000	180,000	130,000	260%	Additional plant landscaping maintenance and on-call for \$124K
01-02-535-6090-9999	Equipment Services	175,000	460,000	285,000	163%	One time CHP services for \$250K
01-02-535-6120-9999	Vehicle, Cart & Mobile Equipment Maint	200,000	250,000	50,000	25%	Additional parts for Brown Bear (over 7 years of usage)
01-02-535-7050-9999	Chemicals	665,000	1,560,000	895,000	135%	Additional Sodium Hydroxide for \$750K for the Side Stream Project
01-02-535-7085-9999	Electricity	1,200,000	1,300,000	100,000	8%	Higher Electricity cost, Side Stream Project, ADM Area Equipment
01-55-535-7085-9999	Electricity	305,000	350,000	45,000	15%	UV on due to system start up for 3W delivery to the town
01-54-535-7085-9999	Electricity	375,000	400,000	25,000	7%	UV on due to more for 3W delivery to the city
01-55-535-7170-9999	Plant Sample Analysis	20,000	50,000	30,000	150%	More samples due to 3W delivery to the town
01-02-545-6010-9999	Process Equipment	405,849	427,435	21,586	5%	Xylem water solutions expenses between 1/1/23 & 12/31/23 was \$407,613
01-02-545-8000-9999	Telephones and long distance/Internet	86,293	116,184	29,891	35%	Consolidated both Verizon Wireless \$44,580 & Spectrum Fiber \$71,604
01-02-545-8025-9999	Computers - Hardware	56,813	104,028	47,215	83%	Upgrading WIFI network from Ubiquiti to Fortinet Access Points for Cybersecurity purposes
01-02-545-8130-9999	Professional Services	42,000	109,680	67,680	161%	SSMP Required Plan Update 5/2/2025 for 54,680 and Dudek PSA Funding \$55,000
01-02-515-7210-9999	Safety Training Program	55,000	75,000	20,000	36%	Increased due to new staff training requirements
01-02-515-7220-9999	Custodial Services	46,200	80,000	33,800	73%	Anticipated increase due to new contract implementation and increased locations
01-02-515-7275-9999	Uniform Service/Cleaning	54,000	75,000	21,000	39%	Increased due to new staff requirements
01-02-515-8033-9999	Vehicle Lease Program	150,000	192,000	42,000	28%	Additional Vehicles on lease
01-02-515-8226-9999	Insurance & Bond Policies Premiums	616,691	773,425	156,734	25%	Property Insurance: 10-20% rate increase + increase in total insured values +5% trend)
			<u>3,033,596</u>			



Connection Fee (CF) Revenues and Expenses Budget Analysis FY 2024 and FY 2025

Connection Fee (CF) Fund	FYE 06/30/24 Revised Budget	FYE 06/30/25 Proposed Budget	Variance
Reserve Beginning Balance	5,576,170	3,899,035	-30%
Total Revenues	2,902,782	2,905,392	0%
Total Grants	3,900,000	150,000	-96%
Total Fund SRF Loan Payments	(1,553,204)	(1,295,051)	-17%
Current Year Budget Surplus	5,249,578	1,760,341	-66%
Total Reserve	10,825,748	5,659,376	
Total Restricted Reserve	(1,553,204)	(1,295,053)	
Total Unrestricted Reserve	9,272,544	4,364,323	
Total Capital Projects (Connection Fees)	(7,684,299)	(3,706,473)	
Unused Project Portion	757,586	-	
Unspent Unrestricted Reserve	2,345,831	657,850	



Debt Reserves & Coverage Ratios

	FYE 06/30/25	FYE 06/30/24
	Proposed Budget	Revised Budget
Debt Coverage Ratios		
Total Revenues	29,432,829	28,936,385
Total Operating Expenses	(24,567,812)	(22,241,912)
	4,865,017	6,694,473
Divided by Loan Reserve	(4,044,791)	(4,302,942)
	1.20	1.56



FY 2025 Available Funds for Supplemental Capital Purchase and Capital Projects

	FYE 06/30/25 Proposed Budget		
	User Charge	CF	Total
Total Reserve Beginning Balance	7,697,169	3,899,035	11,596,203
Transfer from Unrestricted Reserve	(919,975)	-	(919,975)
(Deficit) Surplus from FY 2025 Budget	(0)	1,760,341	1,760,341
Restricted Reserve	(5,973,929)	(1,295,053)	(7,268,982)
Total Available Fund for Supp. Cap Purchase and Capital Projects	803,264	4,364,323	5,167,587

Capital Funding Process:

- All available capital fund dollars are allocated to fully funded or partially funded projects at budget approval.
- All unused funds from completed fully funded projects are moved to other projects by Board approval.
- All capital fund borrowings from a preapproved funding source are done by Board approval.
- All funding shortcomings due to lower actual revenues will be corrected as part of the budget approval.



FY 2025 Capital Projects

FY 2025 Proposed Capital Project Budget	User Charge	Connection Fee	Total
Mojave Narrows Resource Recovery Facility/Hesperia Interceptor	-	1,352,700	1,352,700
Side Stream	-	1,000,000	1,000,000
Oro Grande Pump Station Relocation Project	-	30,000	30,000
Cal Recycle Project	-	950,000	950,000
PLC Replacement Project Phase 5	-	373,773	373,773
	-	3,706,473	3,706,473



Budget Goals

Budget Goals Achieved:

- Achieved a balanced budget with the use of unrestricted reserves
- Projected operating revenues cover operating expenses and debt service
- Achieved required levels for reserves



Questions?

VVWRA
Operating Budget and Actuals Comparison

User Charge Fund	FYE 06/30/22	FYE 06/30/23	FYE 06/30/24	FYE 06/30/24	FYE 06/30/25
	Actual	Actual	Revised Budget	YTD March 24	Proposed Budget
User Charge	18,815,525	20,580,968	23,606,207	18,070,612	24,196,363
Other	1,386,498	2,151,645	2,427,395	1,674,789	2,331,073
Total Revenue	20,202,023	22,732,613	26,033,602	19,745,401	26,527,436
Total Lease Payments	103,791	53,295	165,000	129,862	129,862
Total SRF Loan Payments	2,749,738	2,749,738	2,749,738	1,702,508	2,749,738
Total Lease/Loan Payments	2,853,529	2,803,033	2,914,738	1,832,371	2,879,600
Personnel	7,522,815	5,918,602	8,280,256	5,834,733	8,786,294
Operations-535	5,566,075	6,173,658	7,682,487	4,686,595	9,491,552
MIS/EC/EI-545	254,704	1,065,919	3,181,280	1,365,502	3,317,725
Administration/Finance-515	2,297,214	2,862,608	3,097,889	1,621,551	2,972,240
	15,640,808	16,020,787	22,241,912	13,508,381	24,567,812
Non-Cash Items and Capitalizations					
Capitalized Equipment	1,285,393	848,966	-	-	-
OPEB Valuation	(368,249)	(306,403)	-	-	-
Pension Valuation	(1,184,497)	1,408,931	-	-	-
	(267,353)	1,951,494	-	-	-
Total Operating Expense	15,373,455	17,972,281	22,241,912	13,508,381	24,567,812
Transfer from Unrestricted Reserve	-	-	-	-	919,975
Net Surplus	1,975,040	1,957,298	876,953	4,404,649	(0)
Connection Fee Fund					
Connection Fee	2,635,922	2,455,340	2,842,782	1,111,624	2,842,782
Grants	-	699,150	3,900,000	2,066,030	150,000
Other	328,620	253,504	60,000	459,969	62,610
Total Revenue	2,964,542	3,407,994	6,802,782	3,637,622	3,055,392
Total SRF Loan Payments	2,133,072	1,553,204	1,553,204	929,994	1,295,051
Net Surplus	831,470	1,854,790	5,249,578	2,707,628	1,760,341

Victor Valley Wastewater Reclamation Authority



Financial and Cash Reports

For the Quarter Ended March 31, 2024

Executive Summary of Financial Statements

For the Quarter Ended March 31, 2024

1. Cash balance on March 31, 2024, is \$15,075,217 with reserves required for operations. The agreements with State Water Resources Control Board require we maintain the loan principal and interest payment amount for the following year.

G/L Account	Description	Balance	% of Total
1000	DCB Checking Account	\$ 1,090,642	7.23%
1030	DCB Sweep Account	2,609,245	17.31%
1070	LAIF	415,804	2.76%
1075	Cal Trust	10,959,526	72.70%
	Total Cash	<u>\$ 15,075,217</u>	<u>100.00%</u>

2. The financial statements for the quarter ended March 31, 2024, show a deficit of \$1,110,330 (a cumulative year-to-date deficit of \$3,945,208) to reflect \$2,947,642 (a cumulative \$8,847,164) depreciation expense. The depreciation expense is a part of financial statements but does not affect our cash flow.
3. The user fee revenue for the quarter is higher than a budgeted average quarterly amount by \$165,956. The connection fee revenue received during the quarter is higher than a budgeted average quarterly amount by \$195,938. The expenses are usually what the staff processed during the quarter that may not match corresponding revenues. The staff will record matching expenses at a year-end by accruing incurred costs.



Xiwei Wang, Accounting Supervisor

Victor Valley Wastewater Reclamation Authority
CASH AND RESERVE SUMMARY
 March 31, 2024

G/L Account	Description	Balance	% of Total
1000	DCB Checking Account	\$ 1,090,642	7.23%
1030	DCB Sweep Account	2,609,245	17.31%
1070	LAIF	415,804	2.76%
1075	Cal Trust	10,959,526	72.70%
	Total Cash	<u>\$ 15,075,217</u>	<u>100.00%</u>

G/L Account	Description	Beginning Balance	Deposits or (Disbursement)	Ending Balance
1070	LAIF	411,673	4,131	415,804
	Quarterly Interest Earned			Quarterly Yield
		4,131		1.00%

G/L Account	Description	Beginning Balance	Deposits or (Market Fluctuations)	Ending Balance
1074/1075	Cal Trust	10,883,152	76,374	10,959,526
	Quarterly Interest Earned excluding Value Fluctuation			Quarterly Yield
		119,950		1.10%

	Current Balance	Restricted	Assigned
O&M Reserve: 10% of Prior Year Budgeted Operating Expenses	\$ 2,220,900	\$	\$ 2,220,900
R&R Reserve: 1% of Land Improvements/Plants/Interceptors PY CAFR	3,048,015		3,048,015
Reserve for SRF Payments (P& I) - Operating	2,749,738	2,749,738	
Reserve for SRF Payments (P& I) - Capital	1,553,204	1,553,204	
Cash Available for Operations and Capital	5,503,360	-	
Total Cash	<u>\$ 15,075,217</u>	<u>\$ 4,302,942</u>	<u>\$ 5,268,915</u>

SRF LOAN PAYMENTS:

	9.5 MGD, 11.0 MGD, NAVI, Phase III-A	Upper Narrows Replacement	Nanticoke Bypass	Sub- Regional Apple Valley	Sub- Regional Hesperia	Total
Reserve for SRF Payments (P& I) - Operating	\$ 770,708	257,745	203,725	625,220	892,340	\$ 2,749,738
Reserve for SRF Payments (P& I) - Capital	515,054	-	67,909	399,731	570,510	1,553,204
	<u>\$ 1,285,762</u>	<u>257,745</u>	<u>271,634</u>	<u>1,024,951</u>	<u>1,462,850</u>	<u>\$ 4,302,942</u>

Payment Schedule

Upper Narrows Replacement	December	257,745
NAVI	February	258,152
Subregional - AV	February	1,024,951
Subregional - HES	February	1,462,850
Phase III-A	June	1,027,611
Nanticoke	June	271,633
		<u>\$ 4,302,942</u>

- Notes:
- The above investments are in compliance with the VVWRA investment policy.
 - The above investments are made based on the prediction that the Authority will meet its anticipated expenditure requirements for the next six months.

Victor Valley Wastewater Reclamation Authority
Statement of Net Position
March 31, 2024

<i>Assets and Deferred Outflows of Resources</i>	2024
Current assets:	
Cash and cash equivalents	\$ 15,075,217
Interest receivable	4,244
Accounts receivable	8,514,990
Accounts receivable - Lease	1,690,942
Accounts receivable - Other	29,741
Allowance for Doubtful Accounts	(141,903)
Materials and supplies inventory	24,611
Prepaid expenses and other deposits	306,689
Total current assets	25,504,531
Fixed assets:	
Capital assets not being depreciated	4,029,293
Capital assets being depreciated	145,424,030
Total capital assets	149,453,323
Total assets	174,957,854
Deferred outflows of resources	
Deferred outflows of resources - OPEB	631,848
Deferred outflows of resources - pension	3,276,416
	3,908,264
Total	\$ 178,866,118
<i>Liabilities, Deferred Inflows of Resources, and Net Position</i>	
Current liabilities:	
Accounts payable and accrued expenses	\$ 1,348,274
Accrued interest on long-term debt	205,567
Long-term liabilities - due within one year:	-
Compensated absences	107,652
Lease payables	202,920
Loans payables	3,371,095
Other payables	-
Total current liabilities	5,235,508
Non-current liabilities:	
Long-term liabilities - due in more than one year:	
Compensated absences	300,692
Other post employment benefits payable	2,974,473
Lease payables	542,935
Loans payable	62,851,395
Net pension liability	7,466,596
Other payables	90,632
Total non-current liabilities:	74,226,723
Total liabilities	79,462,231
Deferred inflows of resources	
Deferred inflows of resources - OPEB	1,056,204
Deferred inflows of resources - pension	782,613
Deferred inflows of resources - lease	879,272
	2,718,089
Net position:	
Net investment in capital assets	89,158,425
Restricted for capital projects	-
Restricted for SRF loan covenant	4,302,942
Unrestricted	7,169,639
Decrease in net position FY 2024	(3,945,208)
Total net position	96,685,798
Total	\$ 178,866,118

Victor Valley Wastewater Reclamation Authority
Revenues and Expenses
Operations and Maintenance
For the Quarter Ended March 31, 2024

	Quarter Actual January - March	YTD Actual FY 23-24	Approved Budget FY 23-24
REVENUES			
User Charges	\$ 6,067,508	\$ 18,070,612	\$ 23,606,208
Sludge Flow Charge	46,436	124,628	144,000
High Strength Waste Surcharges	1,874	6,675	12,000
Post Consumer Food Waste Revenue	-	282,013	282,013
Septage Receiving Facility Charges	358,325	890,553	960,000
Reclaimed Water Sales	11,623	44,607	97,703
Potable Well Water Sales	366	1,192	-
Interest	254	777	-
Pretreatment Fees	18,275	43,550	55,150
FOG Revenue	29,469	82,913	106,889
Grant - CalRecycle	-	-	-
Grant - USDA	-	-	-
Lease	45,000	118,710	327,419
Settlement Revenue	-	-	440,000
Sale of Assets, Scrap, & Misc Income	23,634	67,631	2,220
Total REVENUES	\$ 6,602,764	\$ 19,733,861	\$ 26,033,602
EXPENSES			
Personnel	\$ 1,894,540	\$ 5,573,660	\$ 8,280,256
Maintenance	737,185	2,392,005	4,468,283
Operations	1,210,405	3,793,766	5,944,372
Administrative	518,494	1,952,941	3,549,001
Construction and Capital Purchases	474,026	1,066,704	2,942,267
Total EXPENSES	\$ 4,834,650	\$ 14,779,076	\$ 25,184,179
Revenues over Expenses before Depreciation, Debt Service and Transfers	\$ 1,768,114	\$ 4,954,785	\$ 849,423
Depreciation Expense	2,947,642	8,847,164	-
FEMA CalOES Retention	-	-	-
DEBT SERVICE			
SRF Principal	-	-	2,162,906
SRF Interest	334,214	375,328	586,832
	<u>\$ 334,214</u>	<u>\$ 375,328</u>	<u>\$ 2,749,738</u>
FUND TRANSFERS IN			
Salary/Benefits Charge from Capital	-	-	-
Admin Charge from Capital	-	-	-
Total FUND TRANSFERS IN	\$ -	\$ -	\$ -
FUND TRANSFERS OUT			
Transfer to Repairs and Replacements Fund	-	-	-
Inter-fund loan payment to Capital	-	-	-
Total FUND TRANSFERS OUT	\$ -	\$ -	\$ -
Excess Revenues Over Expenses	\$ (1,513,742)	\$ (4,267,707)	\$ (1,900,315)

Victor Valley Wastewater Reclamation Authority
Revenues and Expenditures
Capital
For the Quarter Ended March 31, 2024

	January - March	YTD Actual FY 23-24	Approved Budget FY 23-24
	<u> </u>	<u> </u>	<u> </u>
REVENUES			
Connection Fees	\$ 906,633	\$ 1,904,089	\$ 2,842,782
Title 16 Grant - Subregional	-	-	-
Grant- Water Recycling	-	-	-
Sale of Assets, Scrap, & Misc Income	-	-	-
Interest	131,601	381,561	60,000
Grant - CalRecycle	451,577	2,066,030	3,900,000
Grant - USDA	-	-	-
CEC Microgrid Grant	-	-	-
FMV Adjustment	(43,575)	78,408	-
Total REVENUES	<u>\$ 1,446,236</u>	<u>\$ 4,430,088</u>	<u>\$ 6,802,782</u>
CAPITAL EXPENSES			
Personnel	\$ -	-	-
Maintenance	-	-	-
Operations	-	-	-
Administrative	-	(2,054)	-
Construction	822,850	3,889,669	7,684,299
Total CAPITAL EXPENSES	<u>\$ 822,850</u>	<u>\$ 3,887,615</u>	<u>\$ 7,684,299</u>
Revenues over Expenses before Debt Service and Transfers	<u>\$ 623,386</u>	<u>\$ 542,473</u>	<u>\$ (881,517)</u>
DEBT SERVICE			
SRF Principal	\$ -	-	\$ 1,262,728
SRF Interest	219,974	219,974	290,476
	<u>\$ 219,974</u>	<u>\$ 219,974</u>	<u>\$ 1,553,204</u>
FUND TRANSFERS IN			
Capital Recovery - Septage from O&M	\$ -	-	-
Interfund Loan Payment from O&M	-	-	-
Total FUND TRANSFERS IN	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
FUND TRANSFERS OUT			
Salary/Benefits Charge to O & M	\$ -	-	-
Admin Charge to O & M	-	-	-
Total FUND TRANSFERS OUT	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Excess Revenues Over Expenses	<u>\$ 403,412</u>	<u>\$ 322,499</u>	<u>\$ (2,434,721)</u>

Accrual Basis

Victor Valley Wastewater Reclamation Authority
Statements of Cash Flows
For the Quarter Ended March 31, 2024

		<u>2024</u>
Cash flows from operating activities:		
Cash receipts from customers	\$	7,379,694
Cash paid to employees for salaries and wages		(1,662,527)
Cash paid to vendors and suppliers for materials and services		<u>(2,558,818)</u>
Net cash provided by operating activities		<u>3,158,349</u>
Cash flows from capital and related financing activities:		
Acquisition and construction of capital assets		(1,296,876)
Payments for flood damage		-
Proceeds from connection fees		208,216
Proceeds from grant funding		-
Proceeds from loans		-
Principal and Interest paid for long-term debt		<u>(2,745,952)</u>
Net cash provided by (used in) capital and related financing activities		<u>(3,834,612)</u>
Cash flows from investing activities:		
Proceeds from sale of investments		-
Investment earnings		<u>87,740</u>
Net cash provided by investing activities		<u>87,740</u>
Net increase in cash and cash equivalents		(588,523)
Cash and cash equivalents, beginning of quarter		<u>15,663,741</u>
Cash and cash equivalents, end of quarter	\$	<u><u>15,075,217</u></u>
Reconciliation of cash and cash equivalents to the statements of net position:		
Cash and cash equivalents	\$	<u>15,075,217</u>
Total cash and cash equivalents	\$	<u><u>15,075,217</u></u>

VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
SRF LOAN SUMMARY
March 31, 2024

	Existing North Apple Valley Interceptor	Existing Phase IIIA Regulatory Upgrades	Existing UN Replacement Project	Existing Nanticoke Pump Station Bypass	Existing Apple Valley Sub-Regional	Existing Hesperia Sub-Regional	Total Agreed SRF Loans
SRF LOAN #	4658	5376	7805	7833	4806	4807	
Original Amount Financed	\$ 4,084,688.00	\$ 18,581,561.00	\$ 4,286,380.00	\$ 4,495,212.79	\$ 26,455,228.84	\$ 37,758,384.81	\$ 95,661,455.44
SRF Interest Rate (fixed)	2.50%	2.70%	1.90%	1.90%	1.00%	1.00%	Varies
Local Match Amount	-	-	-	-	-	-	-
Principal Forgiveness	n/a	3,000,000.00	n/a	n/a	n/a	n/a	3,000,000.00
SRF Amount Borrowed	4,084,688.00	15,717,667.66	4,286,380.00	4,495,212.79	26,455,228.84	37,758,384.81	92,797,562.10
Annual Payment Amount	258,151.05	1,027,609.73	257,745.38	271,632.70	1,024,950.85	1,462,850.30	4,302,940.01
Annual Payment Due Date	February 13	June 30	December 31	June 30	February 28	February 28	Varies
Loan Term (years)	20	20	20	20	30	30	Varies
Years remaining	0	9	9	14	24	24	Varies
DEBT SERVICE							
Loan Outstanding Balance	-	8,114,196.69	1,947,254.91	3,311,715.53	21,773,427.76	30,956,554.60	66,103,149.49
Principal Paid to Date	4,084,688.00	7,603,470.97	2,339,125.09	1,183,497.26	4,681,801.08	6,801,830.21	26,694,412.61
Interest Paid to Date	1,042,786.77	3,642,460.93	416,646.87	446,298.94	1,467,904.02	1,975,271.59	8,991,369.12
First Payment Date	Feb. 13, 2005	June 30, 2013	Dec. 31, 2016	Jun 30, 2018	February 28 2019	February 28 2019	Varies
Final Payment Date	Feb. 13, 2024	June 30, 2032	Dec. 31, 2032	Jun. 30, 2037	February 28, 2048	February 28, 2048	Varies
Effective interest rate	2.499%	2.700%	1.900%	1.900%	1.00%	1.00%	Varies

* An imputed interest rate is 1.707% per annum.

Victor Valley Wastewater Reclamation Authority



Operations and Maintenance Report

1st Quarter 2024

**Victor Valley Wastewater Reclamation Authority
Operations and Maintenance Report**

TO: Board of Commissioners
FROM: Brad Adams – Plant Superintendent
SUBJECT: Operations & Maintenance Report
DATE: April 21st, 2024

The following information details the operation of the Victor Valley Wastewater Reclamation Authority for the fourth quarter of 2023. Included in this report is pertinent information regarding flows, process control information, process sampling, permit requirements, operations activities, and facility maintenance activities.

Pertinent Flow / Receiving Data

Month	Jan	Feb	Mar	Quarterly Total
Total Flow Influent Flow	358.75 MG	348.90 MG	393.61 MG	1101.26 MG
Total Flow to Mojave	163.15 MG	328.41 MG	329.51 MG	821.07 MG
Total Flow to Perc Ponds	203.04 MG	27.58 MG	76.68 MG	307.30 MG
Total 3W Flow to American Organics	0.78 MG	0.01 MG	0.16 MG	0.95 MG
Total 3W Flow to Victorville	0 MG	0 MG	0 MG	0 MG
Total Hesperia Influent Flow	15.11 MG	14.95 MG	15.77 MG	45.83 MG
Total 3W Flow to Hesperia	1.88 MG	12.88 MG	13.36 MG	28.12 MG
Total Apple Valley Influent Flow	10.98 MG	11.13 MG	14.21 MG	36.32 MG
Total 3W Flow to Apple Valley	0 MG	0 MG	0 MG	0 MG
Total Septage Received	1.09 MG	0.92 MG	0.97 MG	2.98 MG
Total ADM/FOG Received	2.32 MG	1.4 MG	1.49 MG	5.21 MG
Total Digester Gas Production	28.2 MSCF	22.0 MSCF	21.5 MSCF	71.7 MSCF

Work Order Activity

KPI	Count				Percent			
	Jan	Feb	Mar	Total	Jan	Feb	Mar	Total
Planned Work Total	186	145	168	499				
Planned Work Completed	184	145	164	493	98%	100%	97%	98%
Planned Work Completed On-Time	180	138	160	478	94%	95%	95%	95%
Planned Work Incomplete	2	0	2	4	1%	0%	1%	1%
Planned Work Completed Late	2	4	12	18	1%	2%	7%	3%
Reactive Work Completed	129	102	128	359	35%	28%	35%	33%
PM Work Completed	180	201	169	550	49%	55%	46%	51%
Total Work Completed	367	351	360	1078				

VVWRA RWWTP Activities

- **Permit Continuous Monitoring Requirements**
 - Permit required monitoring equipment was on-line and working properly.
 - PH and conductivity probes cleaned and calibrated.
 - TSS and Turbidity probes were cleaned and calibrated.
 - UVT probe cleaned and calibrated.
 - Intensity probe verifications completed monthly.
- **Permit Violations**
 - There were several Coliform violations.
- **Sampling**
 - All permit required samples were collected and processed.
- **Safety**
 - Vehicle safety inspections completed monthly.
 - Gas Monitor inspections completed monthly.
 - Eyewash safety showers inspected monthly.
 - SCBA inspections completed monthly.
 - Hazardous storage area inspection completed.
 - Spill kit inspections completed.
- **Backup Generator Tests**
 - Routine testing of the backup generators completed monthly.
- **Essential Equipment Maintenance**
 - Aqua guard pre-treatment screen inspected and serviced, as necessary.
 - Headwork's conveyor belt lubed and inspected.
 - Grit classifier PMs completed.
 - Monthly daft lube PMs completed.
 - Primary clarifier shear pins replaced as needed.
 - Primary sludge pump PMs completed.
 - Pillar blower inspections completed.
 - Service air compressors inspected and serviced, as necessary.
 - Waukesha engine inspections completed.
 - Turblex blowers inspected and serviced, as necessary.
 - Monthly tertiary filters platform PMs completed.
 - Monthly tertiary filter cleaning PMs completed.
 - Monthly tertiary filter festoon inspections completed.
 - UV System cleaning PMs completed.
 - DAFT Air Compressor PMs completed.
 - DAFT monthly PMs completed.
 - Monthly UREA refills on CHPs completed.
 - CHP exhaust differential pressure readings taken.
 - CHP gas differential pressure readings taken.

Operations Activities

- **BNR Process**
 - Maintained permit compliance throughout BNR process.
- **ADM/FOG Receiving**
 - Receiving 60 trucks on average weekly.
- **CoDigestion**
 - Four digesters are online and operating.
- **UV Disinfection**
 - UV channels cleaned each month.

Maintenance Activities

- **Process Equipment**
 - 2G CHP HUG service performed.
 - 2G CHP PM's performed.
 - Bar screens serviced.
 - Grit pumps serviced.
 - Daft 3 put back online
- **Vactor Cleaning**
 - Septage Receiving Grit Chamber.
 - Septage EQ basin.
 - Storm Drains.
 - Digester 4 & 5 supernate lines jettied.
- **Pump services / Replacement.**
 - Backwash pump sent out for rebuild.
 - Grit Pump #4 replaced.
 - CHP #1 repaired jacket water pump.

VVWRA Apple Valley WRP Activities

- **Permit Continuous Monitoring Requirements**
 - Permit required monitoring equipment was on-line and working properly.
 - PH probes cleaned and calibrated.
 - Turbidity analyzers were cleaned and calibrated.
 - UVT probe cleaned and calibrated.
 - Intensity probe verifications completed monthly.

- **Permit Violations**
 - No permit violations.
- **Sampling**
 - All permit required samples were collected and processed.
- **Safety**
 - Gas Monitor inspections completed monthly.
 - Eyewash safety showers inspected monthly.
 - Spill kit inspections completed.
- **Backup Generator Tests**
 - Routine testing of the backup generators completed monthly.
- **Essential Equipment Maintenance**
 - Fine screens inspected and serviced, as necessary.
 - Aerzen process blower inspections completed and serviced, as necessary.
 - Aerzen MBR blower inspections completed and serviced, as necessary.
 - UV System cleaning PMs completed.
 - MBR system PMs completed, as necessary.

Operations Activities

- **MBR Basins**
 - Weekly maintenance cleans performed per manufacturer's recommendation.

Maintenance Activities

- **Otoe Lift Station**
 - Regular PM's performed.
- **PMs / Inspections**
 - Inspection and maintenance of MCCs, and PLC cabinets completed.
 - Mechanical equipment PMs and inspections completed.
- **Services / Repair**
 - Regular PM's performed.
 - Wizard blowers replaced.
 - Wet well cleaning.

VVWRA Hesperia WRP Activities

- **Permit Continuous Monitoring Requirements**
 - Permit required monitoring equipment was on-line and working properly.

- PH probes cleaned and calibrated.
- Turbidity analyzers were cleaned and calibrated.
- UVT probe cleaned and calibrated.
- Intensity probe verifications completed monthly.
- **Permit Violations**
 - No permit violations.
- **Sampling**
 - All permit required samples were collected and processed.
- **Safety**
 - Gas Monitor inspections completed monthly.
 - Eyewash safety showers inspected monthly.
 - Spill kit inspections completed.
- **Backup Generator Tests**
 - Routine testing of the backup generators completed monthly.
- **Essential Equipment Maintenance**
 - Fine screens inspected and serviced, as necessary.
 - Aerzen process blower inspections completed and serviced, as necessary.
 - Aerzen MBR blower inspections completed and serviced, as necessary.
 - UV System cleaning PMs completed.
 - MBR system PMs completed, as necessary.

Operations Activities

- **MBR Basins**
 - Weekly maintenance cleans performed per manufacturer's recommendation.
- **Recycled Water Operations**
 - Continued sending water to offsite tank.
- **UV Disinfection**
 - Replaced all lamps and wipers

Maintenance Activities

- **Hesperia Lift station**
 - Wizard blowers replaced.
 - Wet well cleaning.
- **PMs / Inspections**
 - Inspections and maintenance of MCCs, and PLC cabinets completed.
 - Mechanical equipment PMs and inspections completed.
- **Services / Repairs**
 - Regular PM's performed
 - Replaced fine screens room exhaust valve MOV

Victor Valley Wastewater Reclamation Authority



Environmental Compliance Department Report

January-March 2024

VWRA Environmental Compliance Department
Industrial Pretreatment Program

I. Interceptors Operation and Maintenance:

1. Interceptor's cleaning & CCTV:

SAVI MH69-Grit Chamber, Adelanto MH13-MH1, Oro Grande MH10-MH6, Hesperia MH36-MH11

2. Interceptors Inspections:

The following interceptors were visually inspected for signs of damage, vandalism, and evidence of sanitary sewer overflows:

- ✓ South Apple Valley & North Apple Valley.
- ✓ Schedule 1, 2, 3 & 4
- ✓ UNE Bypass HDPE pipe
- ✓ Hesperia, I Ave and Santa Fe.
- ✓ CSA 64
- ✓ Adelanto
- ✓ SCLA1

3. Damage and repair summary:

- ✓ None

4. Sanitary sewer overflows (SSO) Summary:

- ✓ Date of last reportable SSO: August 20th, 2023

5. Interceptors' maintenance budget remaining:

- ✓ The fiscal year 2023-2024 Interceptor sewer maintenance amount remaining for sewer cleaning and inspection services is \$51,000.00.

6. Dig Alert Underground tickets processed:

- ✓ A total of Two Hundred Ninety-Seven (297) USA Tickets were received and processed.

7. Flow monitoring Studies:

- ✓ A flow monitoring study by ADS Environmental is continuing.
- ✓ The regional I&I study is ongoing.

II. Industrial pretreatment Activities:

1. **New Business Questionnaires and permits applications evaluated:**
 - ✓ Fourteen (14) New Business Questionnaires were processed in Quarter 1 of 2024.
 - ✓ Zero (0) New Business Inspections were conducted in Quarter 1 of 2024.
2. **New permits issued:**
 - ✓ Zero (0) New permits were issued in Quarter 1 of 2024.
3. **Permit renewals issued:**
 - ✓ Five (5) permit renewals were issued in Quarter 1 of 2024.
4. **Work Orders:**
 - ✓ 112 Work Orders were completed in Quarter 1 of 2024.
5. **Monthly revenues collected and invoices issued:**
 - ✓ Revenues: \$13,800.00
 - ✓ Invoiced: \$18,275.00

III. Industrial Pretreatment Activities (continued)

1. Current enforcement actions:

- ✓ One (1) Notices of Violations was issued during Quarter 1 2024.

2. Current active industrial pretreatment permits:

- ✓ The current number of VVWRA's industrial wastewater discharge permits is 90; they are comprised as follows:

1	Class I	Categorical Industrial User
11	Class II	Non-Categorical Significant Industrial User
61	Class III	Non-Significant Industrial User
2	Class IV	Zero Discharge Industrial User
11	Class V	Sanitary Waste Haulers

- ✓ The permitted establishments include:

14	Automotive Service Facility
1	Brewery/Winery
23	Car Wash/Truck Wash/Bus Wash
8	Dry Cleaner
2	Grocery Store
3	Hospital
3	Misc. Industrial
1	Photographic
1	Print Shop
1	Prison
1	School/Church
3	Water Retail Store
11	Waste Haulers

- ✓ Permitted businesses are distributed among member entities as follows: 32 in Victorville, 12 in Apple Valley and 17 in Hesperia.

Victor Valley Wastewater Reclamation Authority



Environmental Compliance Department

Septage/FOG/ADM Quarterly Report

January-March 2024

1. Septage/FOG/ADM receiving invoices and payments monthly report:

Payments and Invoices period: January 1st thru March 31st – Septage rate per Gallon: \$ 0.12
 FOG rate per Gallon: \$ 0.12

Receiving invoices

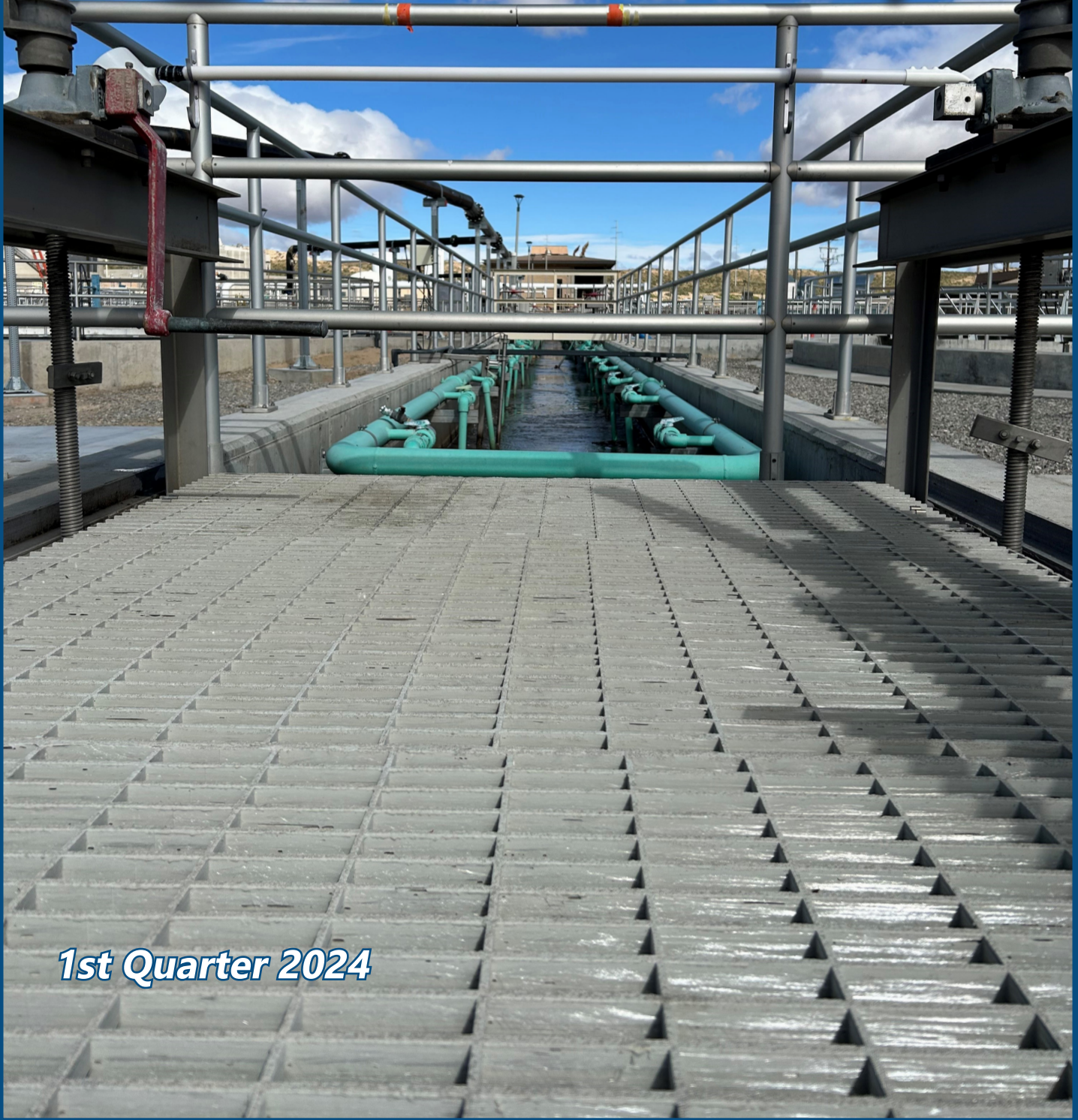
ID No	Septage/FOG/ADM Hauler	Total Gallons	Invoice Amount
ABS000	Absolute Pumping	80,000	\$9,600.00
ALP000	Alpha Omega Septic Service	1,137,444	\$136,493.28
BUR000	Burns Septic	336,000	\$40,320.00
CIS000	Cisneros Bros Plumbing	343,630	\$41,235.60
DAN00	Daniel Meredith Plumbing	80,000	\$9,600.00
HIT000	Hitt Plumbing	24,045	\$2,885.40
HON001	Honest Johns Septic Service, Inc	217,753	\$26,130.36
ROT001	T.R. Stewart Corp. dba Roto-Rooter	355,888	\$42,706.56
SEP005	Septic Control	126,185	\$15,142.20
USA000	USA Septic	282,600	\$33,912.00
	Totals	2,983,545	\$358,025.40
ALP002	Alpha Omega Septic Service	214,657	\$25,758.84
HIT001	Hitt Plumbing	30,915	\$3,709.80
	Totals	245,572	\$29,468.64

Septage/FOG/ADM receiving payments:

ID No	Business Name	Payments Received
ABS000	Absolute Pumping	\$7,680.62
ALP000	Alpha Omega Septic Service	\$49,751.52
BUR000	Burns Septic	\$39,360.00
CIS000	Cisneros Bros Plumbing	\$38,069.28
DAN000	Daniel Meredith Plumbing	\$3,000.00
HIT000	Hitt Plumbing	\$2,473.32
HON001	Honest Johns Septic Service, Inc	\$22,873.08
ROT001	T.R. Stewart Corp. dba Roto Rooter	\$42,534.36
SEP005	Septic Control	\$6,321.00
USA000	USA Septic	\$43,935.18
ALP000	Alpha Omega Septic Service	\$17,109.36
HIT001	Hitt Plumbing	\$1,236.60
Grand Total		\$274,281.14



Safety & Communications Report



1st Quarter 2024



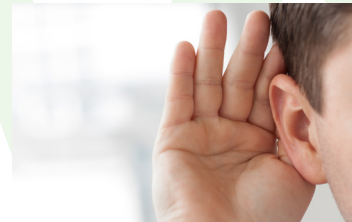
Safety

STAFF SAFETY TAILGATE TRAINING CONDUCTED

- Working in cold weather 1-3-24
- Situational awareness 1-10-24
- Workplace ergonomics 1-17-24
- Bloodborne pathogens 1-24-24
- Golf cart safety 1-31-24



- Hearing conservation 2-6-24
- Lower back 2-14-24
- Encountering homeless 2-21-24
- Confined space 2-28-24



- H2S education 3-6-24
- Slips trips and falls 3-13-24
- Work boot basics 3-20-24
- Safety attitude 3-27-24





Safety

Safety Events/ Training

- Safety tailgates
- Daily, weekly and monthly plant inspections
- Staff has been assigned online safety courses
- Monthly safety committee meetings
- In person training-forklift, front end loader, LOTO, first aid/ CPR, confined space

Unsafe Conditions Reported/Resolved

Date of last recordable lost time accident/injury: July 13, 2022

Days since last recordable accident/injury:

627 Days as of 3/31/24



Safety

NEXT QUARTER'S SCHEDULE OF STAFF TRAINING/SAFETY EVENTS :

- Safety Tailgates will be conducted weekly
- Safety Committee meeting
- Online training- multiple

Outreach

- Winter edition of Purple Pipe released and distributed (attached)
- Continued planning for Earth Day event
- Periodic social media posts on Facebook and Instagram.
- Booth at various career fairs at AV High School and Silverado HS
- Attended HD Chamber breakfast events

Media Coverage

- Sustainable Water Management-Daily Press

1-29-24

VWVRA Wins 2 Local CWEA/DAMS Awards



Environmental Compliance Manager Latif Laari was named Supervisor of the Year.

VWVRA captured two awards at this years CWEA Desert and Mountain Section Awards ceremony. HR Technician Toni Henning was named Administrative Person of the Year. She was recognized for excellence in providing and supporting human resources programs and policies at VWVRA. Environmental Compliance Manager Latif Laari won Supervisor of the Year for the leadership he provides our staff. The annual awards ceremony was held in Silver Lakes. Winners of the state-wide awards will be announced in April. CWEA is the California Water



HR Technician Toni Henning was named Administrative Person of the Year.

Environment Association which provides training, certifications and support for wastewater agencies throughout the state.

provides training, certifications and support for wastewater agencies throughout the state.

CA Water Associations Applaud Historic Approval of Direct Potable Reuse Regulations

The State Water Board made California history in December by granting approval for direct potable reuse regulations, also known as DPR. California's water and wastewater associations are joining forces to celebrate this momentous achievement. United in the spirit of 'One Water' we are proudly working together to build California's utilities of the future.



Following a final State administrative review, expected to conclude in April, the DPR regulations provide a roadmap and standards for municipal water agencies to follow when building advanced water treatment facilities (AWTFs).

These state-of-the-art systems have a proven track record of transforming recycled water into pure water. Already, two pure water facilities are nearing completion in the San Diego area, with dozens of additional facilities in the planning pipeline.

The purified water that flows from these advanced facilities holds the potential to be harnessed by water agencies for raw water augmentation or treated drinking water augmentation. The water is tested and treated one more time at a drinking water treatment facility before being sent into the distribution pipelines.



One Water Oceanside

Continued on page 5



Page 2

Cal Poly Students Research Wastewater Treatment and the Future of Recycled Water



L-r, VVWRA Operations/Maintenance Director Brad Adams, Cal Poly instructor John Robinson, VVWRA General Manager Darron Poulsen, Cal Poly students Angel Gomez, Brian Chen, Shannon Skelley, Noah Zapata-O'Brien, VVWRA Commissioners Larry Bird, Deborah Jones, Dakota Higgins and Scott Nassif.

As the Victor Valley grows, expanded wastewater treatment services and recycled water distribution will be needed. The time for planning is now. It's estimated that the population in the valley will double in the next 10 to 20 years. A group of engineering students from Cal Poly Pomona recently completed a study of a possible new wastewater treatment facility near Mojave Narrows and a recycled water distribution system that would expand the availability of the underused resource. Their findings were presented to the VVWRA Board of Commissioners at the October meeting. The research will be considered as VVWRA looks to add an additional wastewater treatment facility for the High Desert in the coming years.

Purple Pipe

The Purple Pipe is a newsletter published by the Victor Valley Wastewater Reclamation Authority.
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20111 Shay Rd, Victorville, CA 92394

To receive an electronic version of the Purple Pipe
email us at info@vwwra.com

VVWRA Board of Commissioners



Scott Nassif - Town of Apple Valley

Larry Bird - City of Hesperia

Paul Cook - SB CSA 64 & 42

Debra Jones - City of Victorville



Around the plant

Congratulations!



Operator Danny Mullikin earned his Grade I Wastewater Certificate.



Juan Alvarez has earned his Grade I Mechanic certificate.

Welcome to VVWRA



Charlene Villalvazo
Accounting Technician



Jack Luiten
Electrical
Instrumentation
Technician



Food to Fuel

VVWRA EMBRACES CO-DIGESTION TO MAXIMIZE PRODUCTION OF BIOGAS FOR CONVERSION TO RENEWABLE NATURAL GAS IN A GLOBAL AWARD-WINNING

VVWRA's RNG Project was featured in a recent edition of Treatment Plant Operator magazine with an interview with O & M Director Brad Adams (r)and Operations Supervisor Kalin Westover. The article can be read at <https://www.tpo-mag.com/ezine/2023/11>.

Miss July?

HAAKER EQUIPMENT COMPANY

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JULY 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4 Independence Day Office Closed	5 Office Closed	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Stay Hydrated & Use PPE

Small text at the bottom: © 2024 Haaker Equipment Company. All rights reserved. For more information, visit www.haaker.com.

VVWRA staff is featured in Haaker Equipments 2024 calendar with our new vector truck and our giant American flag in the background.



Reaching Out

VWRA spreads the word about resource reuse and career opportunities



VWRA staff including GM Darron Poulsen talk with high school students at a recent career fair.

Protecting public health and the environment is the primary mission at VWRA. So educating our community about the things we do is important. Our staff spreads the word at many events throughout the year, talking to students and educators, as well as, business and community leaders. VWRA has a great story to tell. We recycle about 12 million gallons of water every day while converting waste into renewable natural gas that can be used in homes and industry. Recently, VWRA participated in a high school career fair where students not only learned about the science of resource recovery, they were introduced to the idea of working in the wastewater field. The wastewater and resource recovery industry offers a number of exciting career opportunities including plant operators, mechanics, lab technician, electricians and more. These are good paying jobs and most don't require a college education to get started. A similar message went out to educators at the annual High Desert Education Summit at Victor Valley College. In addition, VWRA offers tours of our regional plant. To schedule a tour or a speaker, contact David Wylie at dwyllie@vwwra.com.

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VWRA staff attending the High Desert Educational Summit at VVC.

PP at the Palace



Environmental Compliance Inspector Daniel Enriquez takes time to read the Purple Pipe outside Buckingham Palace during a recent visit to England.



Direct Potable Reuse cont.

Over the last six decades, California's water associations have steadfastly championed water recycling innovations, with the aim of creating dependable local water supplies and reusing our available water supplies as many times as possible. VVWRA recycles millions of gallons of water per day which helps replenish the local aquifer. Hesperia is using recycled water to irrigate green areas around city hall and Apple Valley will be doing the same soon. While direct potable reuse is not something that will happen in the Victor Valley in the near future, it is something that is being considered in the coming years. "As we develop our own One Water concept for our region, direct potable reuse has to be part of the long term plan" said VVWRA General Manager Darron Poulsen. "DPR offers a safe and sustainable addition to the High Desert's water resource portfolio to ensure we have enough water for the future."



Darron Poulsen

"The passage of these DPR regulations heralds a new era for water reuse in California. We believe this will benefit communities by providing a safe and resilient supply. These regulations will serve as a model for the nation," said Jennifer West, managing director of WaterReuse California.

"It's essential for Californians to know there's nothing to waste in wastewater. It is a resource we can recycle over and over again. With the introduction of these rules, the State is opening the flood gates for water reuse ideas and innovation to start flowing," said Jenn Jones, Executive Director and CEO of the California Water Environment Association (CWEA). "As communities ramp-up water recycling projects, California is going to experience a jobs boom, a construction boom, and a technology-innovation boom. Water reuse will create supplies that last for generations to come."



Article reprinted courtesy of CWEA

DPR uses advanced treatment technologies such as filtration, reverse osmosis, and disinfection. These methods effectively remove impurities and produce high-quality water, often removing even more pollutants than conventional drinking water treatments.



What is the One Water Concept? The concept was first developed about 15 years ago. The One Water approach manages all water—whether from the tap, a stream, a storm, an aquifer, or a sewer—in a collaborative, integrated, inclusive, and holistic manner. The idea is that all water has value and the concept envisions regional agencies working together to provide a sustainable and multi-beneficial water supply. While this concept has been in use in places like Monterey and San Diego for years, VVWRA General Manager Darron Poulsen introduced the One Water concept to the High Desert in 2023. He has been collaborating with a number of colleagues to create a unified water strategy for the region.





Sunrise over Aeration



Operator James Pasieka captured this stunning shot of a High Desert sunrise over the aeration basins at the regional plant.



Smooth Operators!

VWRA Plant Operators Danny Mullikin and Moises Castro compete in Dance Dance Revolution during our staff Holiday Party at Dave and Buster's in Ontario.



Upcoming CWEA Events

P3S Conference and Expo
February 5-7
Anaheim, CA

CWEA Annual Conference and Expo
April 9-12
Sacramento, CA



2023 in Review

VWRA had many successes in 2023. It marked the first full year of treating food waste as part of our Renewable Natural Gas Program. Food waste is diverted from the landfills, sent to our digesters and the resulting methane is captured and converted into renewable natural gas that is injected back into the energy grid. The RNG program was featured KABC Channel 7 news in Los Angeles and won numerous awards including the Global Water Award, the Exemplar award from the Mojave Desert AQMD and the Award of Excellence from the California Association of Sanitation Agencies. And VWRA General Manager Darron Poulsen was inducted into the Victor Valley College Alumni Hall of Fame.



2023 also marked the unveiling of the One Water concept in the Victor Valley. The idea, in part, would look for way to expand the use and distribution of recycled water while collaborating with other city's and water agencies in the region. This is a long term project that is still in the early stages of development, but will play an integral part of the High Desert's water future.



CASA Award



VVC Alumni Hall of Fame

Our annual Core Values awards were given to Accounting Supervisor Xiwei Wang for Collaboration, Safety/Communications Officer David Wylie for Dedication and E & I Lead Mauricio Marin for Integrity.

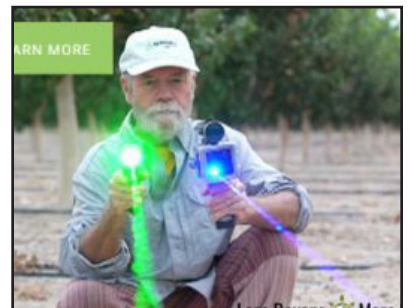


Mauricio Marin

VWRA did face some challenges in 2023. Most notably from Hurricane Hilary which drenched the Victor Valley in August. The heavy rains flooded our drying beds where treated bio-solids are dried putting us behind going into the traditionally wet months. Staff has been working on short and long term answers for dealing with excess water. A new side stream treatment process is being built at our regional plant and is expected to be online in the Spring of 2024.



VWRA also hosted a science experiment of sorts for a non-lethal way to ward off unwanted ravens. Hardshell Labs used our plant to try out their green laser deterrent system. It's hoped the lasers will be useful in protecting endangered desert tortoises and agricultural crops.



Purple Pipe page 7

The Back Side...



Latif Laari won the 3rd annual VVWRA Employee Chili Cook-off and took home the toilet bowl trophy. He got his secret recipe off youtube!

VVWRA Staff Softball Game



VVWRA staff and their families (l) recently enjoyed an off-hours softball game. Director of Operations & Maintenance Brad Adams (c) threw strikes while Administrative Aide Hillary Chavez (r) showed off her hitting skills.

Advertisement

‘KEY TO SUSTAINABLE WATER MANAGEMENT’

Victor Valley Wastewater Reclamation Authority to launch plan

Rene Ray De La Cruz

Victorville Daily Press | USA TODAY NETWORK

The Victor Valley Wastewater Reclamation Authority will partner with the Fenner Gap Mutual Water Company to launch the “One Water” plan.

On Thursday, the Victorville-based water authority announced it had signed of a letter of intent with Fenner to develop a strategy for water infrastructure in San Bernardino County’s Mojave Basin region.

The Fenner agency is a nonprofit corporation established by Cadiz, Inc. to distribute water supplies from the Cadiz Conservation, Supply and Storage Project in the Eastern Mojave Desert.

“Regional planning of water infrastructure is the key to sustainable water management for the entire Southwest,” Cadiz’s CEO Susan Kennedy said. “Coordinating the design and operation of pipelines, reclamation facilities, recharge basins and storage will not only increase water supplies through efficiency and conservation but will improve the health and quality of groundwater basins throughout the region.”

The project will integrate High Desert infrastructure investments to improve water quality and increase the reliability of later water supplies, wastewater officials stated. The project will also incorporate recycled water from the authority’s wastewater treatment facilities with pipeline facilities and water supplies from Cadiz Inc. in the eastern Mojave to create a regional plan.

Victor Valley Wastewater Reclamation Authority and Fenner are looking at merging or integrating financing powers to maximize grant and municipal financing opportunities. “We have many sources of water supply in the Mojave Basin: natural river flow, imported water, storm water and recycled water,” stated Darron Poulsen, the authority’s general manager. “In the end, there is only one water, and we have to think regionally and programmatically to achieve our supply reliability and water quality goals.”

Victor Valley Wastewater Reclamation Authority owns and operates three wastewater treatment and conveyance facilities in the western Mojave’s Alto Basin and distributes 12,000 to 13,000 acre-feet of water resources per year to preserve the Mojave River ecosystem and facilitate groundwater replenishment in the Centro and Baja Basins.

Fenner and Cadiz own and manage groundwater resources in eastern Mojave watersheds including 220 miles of buried pipelines that can directly deliver water supplies to groundwater recharge basins in the Centro and Baja Basins.

Victor Valley Wastewater Reclamation Authority

Founded in 1978, Victor Valley Wastewater Reclamation Authority serves a 279-square-mile area that includes Apple Valley, Hesperia, Victorville, Spring Valley Lake, and Oro Grande.

The water authority treats about 12 million gallons of wastewater per day. Wastewater that comes to its plant goes through an extensive cleaning and disinfection process before being returned to the Mojave River as recycled water through direct discharge to the river or through percolation ponds located on its property.

Solid waste is treated in large anaerobic digesters, where the resulting methane gas is collected and scrubbed by Victor Valley Wastewater Reclamation Authority's private partner Anaergia, Inc., which develops the gas into renewable natural gas. The finished RNG is injected into a Southwest Gas pipeline.

Most of the RNG is being used by Toyota where it is converted into hydrogen for new vehicles being imported at their Port of Long Beach facility.

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