

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 A
14343 CIVIC DRIVE, VICTORVILLE CA 92392

Thursday, May 19, 2022
Closed Session 7:30 a.m. Open Session 8:00 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.

Call to Order

Holland

Roll Call

Casteel

Call to Order & Pledge of Allegiance

Holland

Public Comments- Closed Session Agenda Items

Holland

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

Item 1. (Gov. Code Sec. 54957.6/ 54954.5 (f)) **Conference with Legal Counsel-
Labor Negotiation**

- The City Employees Association
- Supervisors Association

Item 2. (Gov. Code Sec. 54957)- Conference with Legal Counsel-Public Employee Evaluation- General Manager

Public Comment (Government Code Section 54954.3)

Holland

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

Holland

Consent Calendar

Holland

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 3. Receive, Approve and File Minutes

- Regular Board Meeting 04/21/2022

Item 4. Receive, Approve and File April 2022 Disbursement

- Warrant Summary Disbursements

Poulsen

Board Action Required

Staff Recommendation: Approve as presented

Action Items

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

Item 5. Recommendation to Adopt Resolution 2022-02 Amend and Adopt 2022 Local Guidelines for Implementing the California Environmental Quality Act (CEQA)

It is recommended that the Board of Commissioners adopt Resolution 2022-02 to amend and adopt 2022 local guidelines for implementing the California Environmental Quality Act.

Casteel

Board Action Required

Staff Recommendation: Approve as Presented

Item 6. Recommendation to Adopt Resolution 2022-03 to Approve an Increase of the Septage Tipping Fee from \$0.0936/Gal to \$0.12/Gal

Laari

It is recommended that the Board of Commissioners adopt Resolution 2022-03 to approve an increase of the septage tipping fee from \$0.0936/GAL to \$0.12/GAL; this fee increase will be effective July 1st, 2022 (Fiscal Year 23) and, as demonstrated by the accompanying staff report, it is necessary to cover VVWRA's costs for treating the septage received

Board Action Required

Staff Recommendation: Approve as Presented

Item 7. Recommendation to Adopt Resolution 2022-04 to Amend the VVWRA Purchasing Policy to Increase the Purchasing Authority of the General Manager and Staff to One of Three Proposed Levels or Another Value Approved by the Board of Commissioners

Poulsen

It is recommended that the Board of Commissioners adopt Resolution 2022-04 to amend the VVWRA purchasing policy to increase the purchasing authority of the General Manager and staff to one of three proposed levels, or another value approved by the Board of Commissioners

Board Action Required

Staff Recommendation: Approve as Presented

Item 8. Recommendation to Adopt Resolution 2022-05 Authorizing Submittal of a CalRecycle Grant Application as an Eligible Recipient and Approve the General Manager to Sign a Letter of Commitment – Individual Applicant Grant and Payment Programs and a Letter of Designation - Grant and Payments Program

Poulsen

It is recommended that the Board of Commissioners adopt resolution 2022-05 authorizing the submittal of a CalRecycle grant application as an eligible recipient and approve the General Manager to sign a letter of commitment – individual grant and applicant payment and a letter of designation – grant and payments program.

Board Action Required

Staff Recommendation: Approve as Presented

Staff Reports

Reports are submitted as presented by Staff on a Quarterly Basis.

Item 9. General Managers Report

- 2022-2023 Budget Presentation
- Administration Building Update

Poulsen**Item 10. Financial and Investment Report – 1st Quarter 2022****Keagy****Item 11. Operations and Maintenance Report – 1st Quarter 2022****Adams****Item 12. Environmental Compliance Report – 1st Quarter 2022****Laari****Item 13. Septage Receiving Facility Report – 1st Quarter 2022****Laari****Item 14. Safety and Communication Report – 1st Quarter 2022****Wylie**

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 21, 2022**

CALL TO ORDER: Chair Bill Holland called the meeting to order at 7:34 AM; in Conference Room D at Victorville City Hall, located at 14343 Civic Drive, Victorville California, with the following members present:

**CITY OF HESPERIA
ORO GRANDE (CSA 42) AND
SPRING VALLEY LAKE (CSA 64)
TOWN OF APPLE VALLEY
CITY OF VICTORVILLE**

**Bill Holland, Chair
Dakota Higgins, Vice-Chair**

**Scott Nassif, Secretary
Debra Jones, Treasurer**

VWRA Staff and Legal Counsel:

**Darron Poulsen, General Manager
Kristi Casteel, Executive Assistant
Piero Dallarda, Legal Counsel (BB&K)
Chieko Keagy, Contoller**

**Robert Coromina, Director of Administration
Brad Adams, Plant Superintendent
David Wylie, Safety & Communications
Officer**

Guest Present:

**Keith Metzler, City of Victorville
Doug Robertson, Town of Apple Valley**

CLOSED SESSION

PUBLIC COMMENTS- CLOSED SESSION AGENDA

Chair Holland asked if there were any comments from the public regarding any item on the Closed Session Agenda. Hearing none, Chair Holland called for a motion to enter into Closed Session.

Moved: Commissioner

Second: Commissioner

Motion to enter into Closed Session

Motion passed by a 4-0 roll call vote

VVWRA Regular Meeting Minutes**Thursday, April 21, 2022****Page 2****REGULAR SESSION****CALL TO ORDER & PLEDGE OF ALLEGIANCE**

Chair Holland called the meeting to order at 8:48 AM.

REPORT FROM CLOSED SESSION

None

PUBLIC COMMENTS- REGULAR SESSION AGENDA

None

POSSIBLE CONFLICT OF INTEREST

Commissioner Nassif will be abstaining from any disbursements to Napa Auto Parts on item 5

CONSENT CALENDAR:

4. **Receive, Approve and File Minutes, March 17, 2022**
5. **Receive, Approve and File March 2022 Disbursement**

Moved: Commissioner Nassif Second: Commissioner Higgins

Approval of the Consent Calendar Items 4 and 5 with Commissioner Nassif abstaining from any disbursements to Napa Auto Parts on item 5.

Chair Holland - Yes

Commissioner Higgins- Yes

Commissioner Nassif - Yes

Commissioner Jones - Yes

Motion passed by a 4-0 roll call vote

VVWRA Regular Meeting Minutes**Thursday, April 21, 2022****Page 3****ACTION ITEM:****6. Recommendation to Authorize the General Manager to Approve a Change Order With Netgain Networks for Necessary Improvements to the Network Stabilization Project**

The Board will consider approval to authorize the General Manager to approve a change order with Netgain Networks for necessary improvements the Network Stabilization and Modernization Project in an amount not to exceed \$41,107.51

Moved: Commissioner Nassif**Second: Commissioner Jones**

Approval to authorize the General Manager to approve a change order with Netgain Networks for necessary improvements the Network Stabilization and Modernization Project in an amount not to exceed \$41,107.51

Chair Holland - Yes**Commissioner Higgins- Yes****Commissioner Nassif - Yes****Commissioner Jones - Yes****Motion passed by a 4-0 roll call vote****7. Recommendation to Authorize the General Manager to Issue a Letter of Intent to Lease a New Vector Truck from Haaker Equipment Company**

The Board will consider approval to authorize the General Manager to authorize the General Manager to issue a letter of intent to lease a new Vector truck from the Haaker Equipment Company

Moved: Commissioner Nassif**Second: Commissioner Jones**

Approval to authorize the General Manager to authorize the General Manager to issue a letter of intent to lease a new Vector truck from the Haaker Equipment Company

Chair Holland - Yes**Commissioner Higgins- Yes****Commissioner Nassif - Yes****Commissioner Jones - Yes****Motion passed by a 4-0 roll call vote**

8. General Managers Report

Manager Poulsen gave a brief presentation on Economic Impacts to VVWRA

CLOSED SESSION (If Closed Session is continued)

ADJOURNMENT

The board will adjourn to a regular board meeting on June 23, 2022, at 7:30 a.m.

APPROVAL:

DATE: August 19, 2021.

BY: _____

Approved by VVWRA Board Scott Nassif,
Secretary VVWRA Board of Commissioners



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 19, 2022

TO: Darron Poulsen *DJP*
General Manager

FROM: Chieko Keagy *ck*
Controller

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 2022, check numbers 124553-124572 and ACH's.

<i>Accounts Payable</i>			
<i>Checks</i>	<i>ACH's and EFT's</i>	<i>Payroll</i>	<i>Total</i>
<i>\$26,250.66</i>	<i>\$477,661.23</i>	<i>\$360,011.68</i>	<i>\$863,923.57</i>

Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 4/1/22 through 4/30/22

Vendor Name	Payment #	Date	Total
Answering 365	124553	04/06/22	\$ 148.00
Applied Industrial Technologies	124554	04/06/22	\$ 119.54
Fha Services, Inc.	124555	04/06/22	\$ 13,678.96
Fisher Scientific	124556	04/06/22	\$ 286.32
Hi-Desert Communications	124557	04/06/22	\$ 150.00
High Desert Lock & Safe	124558	04/06/22	\$ 182.86
Prudential Overall Supply	124559	04/06/22	\$ 1,613.04
Royal Industrial Solutions	124560	04/06/22	\$ 938.44
San Bernardino County Fire Protection Dist	124561	04/06/22	\$ 455.00
Sensaphone	124562	04/06/22	\$ 1,497.00
Shredyourdocs.Com	124563	04/06/22	\$ 114.00
Dell Inc.	124564	04/13/22	\$ 607.87
High Desert Laser Graphics	124565	04/13/22	\$ 141.92
J.G. Tucker & Son Inc.	124566	04/13/22	\$ 841.25
Liberty Utilities	124567	04/13/22	\$ 98.22
Orkin	124568	04/13/22	\$ 619.00
Prudential Overall Supply	124569	04/13/22	\$ 1,557.76
Royal Industrial Solutions	124570	04/13/22	\$ 2,873.83
Underground Service Alert Of Southern California	124571	04/13/22	\$ 77.65
City Of Victorville	124572	04/13/22	\$ 250.00
		Total Checks	\$ 26,250.66

Town Of Apple Valley	DFT02967	04/07/22	\$ 181.09
Southern California Edison	DFT02968	04/07/22	\$ 866.42
Principal Life Ins. Co.	DFT02969	04/07/22	\$ 3,087.15
Lincoln Financial Group	DFT02970	04/07/22	\$ 80.11
Lincoln Financial Group	DFT02971	04/07/22	\$ 4,984.68
Konica Minolta Business Solutions	DFT02972	04/07/22	\$ 391.50
Flyers Energy, Llc	DFT02994	04/14/22	\$ 2,575.87
Southern California Edison	DFT02995	04/14/22	\$ 18,196.50
Southern California Edison	DFT02996	04/14/22	\$ 1,401.00
Southwest Gas Company	DFT02997	04/14/22	\$ 26.11
Southwest Gas Company	DFT02998	04/14/22	\$ 28.21
Southwest Gas Company	DFT02999	04/14/22	\$ 204.53
Ups	DFT03000	04/14/22	\$ 26.55
Southern California Edison	DFT03021	04/28/22	\$ 64,881.73
Southern California Edison	DFT03022	04/28/22	\$ 14,802.89
Spectrum (Prev. Charter Communications)	DFT03023	04/28/22	\$ 5,150.16
Ups	DFT03024	04/28/22	\$ 337.63
Ups	DFT03025	04/28/22	\$ 18.00
2G Energy Inc.	040820221	04/08/22	\$ 3,135.82
G.A. Osborne Pipe & Supply	0408202210	04/08/22	\$ 130.50
Graham Equipment	0408202211	04/08/22	\$ 10,115.00
Grainger	0408202212	04/08/22	\$ 1,246.67

Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 4/1/22 through 4/30/22

Vendor Name	Payment #	Date	Total
Inductive Automation Llc	0408202213	04/08/22	\$ 6,202.80
Innerline Engineering	0408202214	04/08/22	\$ 1,575.00
Larry Walker Associates	0408202215	04/08/22	\$ 2,214.00
Mcgrath Rentcorp	0408202216	04/08/22	\$ 5,525.47
Msdsonline DbA Velocityehs	0408202217	04/08/22	\$ 3,299.00
Nv5, Inc	0408202218	04/08/22	\$ 3,243.75
Procurement Consulting Services, Llc.	0408202219	04/08/22	\$ 1,658.50
Adt Commercial	040820222	04/08/22	\$ 1,013.21
Teledyne Isco, Inc.	0408202220	04/08/22	\$ 11,311.09
T-Mobile	0408202221	04/08/22	\$ 196.56
Veteran Janitorial, Llc	0408202222	04/08/22	\$ 2,630.00
Victor Valley Wastewater Employees Assoc	0408202223	04/08/22	\$ 725.00
Applied Maintenance Supplies & Solution	040820223	04/08/22	\$ 1,623.80
Blackline Safety Corp	040820224	04/08/22	\$ 210.00
Caltrol, Inc.	040820225	04/08/22	\$ 9,138.80
Cdw Government, Inc	040820226	04/08/22	\$ 335.19
Culligan Water Conditioning	040820227	04/08/22	\$ 555.70
Dudek	040820228	04/08/22	\$ 6,447.50
Dxp Enterprises	040820229	04/08/22	\$ 95,691.78
A.D.S. Corp.	041520221	04/15/22	\$ 7,150.00
Grainger	0415202210	04/15/22	\$ 2,670.45
Haaker Equipment Company	0415202211	04/15/22	\$ 3,885.09
Hach Company	0415202212	04/15/22	\$ 703.34
High Desert Affordable Landscaping	0415202213	04/15/22	\$ 4,459.76
Netgain Networks, Inc	0415202214	04/15/22	\$ 18,000.00
Rockwell Engineering	0415202215	04/15/22	\$ 5,423.88
Saddleback Environmental Equipment, Inc.	0415202216	04/15/22	\$ 8,627.88
Teledyne Isco, Inc.	0415202217	04/15/22	\$ 3,824.74
Trimax Systems	0415202218	04/15/22	\$ 85,722.50
American Express	041520222	04/15/22	\$ 1,407.36
Applied Maintenance Supplies & Solution	041520223	04/15/22	\$ 320.12
California School Veba	041520224	04/15/22	\$ 678.69
Cdw Government, Inc	041520225	04/15/22	\$ 192.25
Collicutt Energy Services Inc	041520226	04/15/22	\$ 1,570.81
Dorado, Allen	041520227	04/15/22	\$ 50.00
Dudek	041520228	04/15/22	\$ 950.00
Fha Services, Inc.	041520229	04/15/22	\$ 36,720.00
U.S. Bank	04222022	04/22/22	\$ 5,050.97
Anthony, Donna	0422221	04/22/22	\$ 422.00
Main, Randy	04222210	04/22/22	\$ 422.00
Mcgee, Mark	04222211	04/22/22	\$ 422.00
Montgomery, Lillie	04222212	04/22/22	\$ 145.65
Nalian, L. Christina	04222213	04/22/22	\$ 145.65
Nave, Patrick	04222214	04/22/22	\$ 422.00

**Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 4/1/22 through 4/30/22**

Vendor Name	Payment #	Date	Total
Billings, Richard	0422222	04/22/22	\$ 422.00
Correia, Bruce	0422223	04/22/22	\$ 422.00
Dagnino, Roy	0422224	04/22/22	\$ 422.00
Davis, Tim	0422225	04/22/22	\$ 422.00
Flint, Terrie Gossard	0422226	04/22/22	\$ 232.94
Gyurcsik, Darline	0422227	04/22/22	\$ 232.94
Hinojosa, Thomas	0422228	04/22/22	\$ 422.00
Keniston, Olin	0422229	04/22/22	\$ 232.94
Total ACH & EFT			\$ 477,661.23

Approved

[Handwritten Signature] 050322

Total Checks	\$ 26,250.66
Total ACH and EFT	\$ 477,661.23
Total Payroll - Apr 2022	\$ 360,011.68
Total	\$ 863,923.57



**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Board of Commissioners Staff Report**

TO: VVWRA Board of Commissioners
FROM: Darron Poulsen, General Manager *DJP*
SUBMITTED BY: Kristi Casteel, Executive Assistant to the General Manager and Board of Commissioners *KC*
DATE: May 19, 2022
SUBJECT: **RECOMMENDATION TO APPROVE RESOLUTION 2022-02: AMEND AND ADOPT 2022 LOCAL GUIDELINES FOR IMPLEMENTING THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)**

-
- | | | |
|---|---|-------------|
| <input checked="" type="checkbox"/> For Action | <input type="checkbox"/> Fiscal Impact | \$ 0 |
| <input type="checkbox"/> Information Only | <input type="checkbox"/> Account Code: N/A | |
| | <input type="checkbox"/> Funds Budgeted/ Approved: | |
-

STAFF RECOMMENDATION

It is recommended that the Board of Commissioners approve Resolution 2022-02 to amend and adopt 2022 local guidelines for implementing the California Environmental Quality Act.

PREVIOUS ACTION(S)

As required by state law, the Commissions amends and adopts the local guidelines for implementing the California Environmental Quality Act on an annual basis. This item addresses that obligation.

BACKGROUND INFORMATION

The California Environmental Quality Act (“CEQA”), as contained in Public Resources Code sections 21000 et seq., is California's most comprehensive environmental law. It requires all public agencies within the state to evaluate the environmental effects of their actions before they are taken. CEQA also aims to prevent significant environmental effects from occurring as a result of agency actions by requiring agencies to avoid or reduce, when feasible, the significant environmental impacts of their decisions.

To this end, CEQA requires all public agencies to adopt specific objectives, criteria and procedures for evaluating public and private projects that are undertaken or approved by such agencies.

As a result, the Victor Valley Wastewater Reclamation Authority's Local CEQA Guidelines have been revised and amended to reflect recent changes to the State CEQA Guidelines, the Public Resources Code and relevant court opinions.

Attachment(s):

Exhibit 1- Resolution 2022-01 Amend and Approve the 2022 CEQA Guidelines

EXHIBIT 1

RESOLUTION NO.2022-02

A RESOLUTION OF THE VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY AMENDING AND ADOPTING LOCAL GUIDELINES FOR IMPLEMENTING THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (PUB. RESOURCES CODE §§ 21000 ET SEQ.)

WHEREAS, the California Legislature has amended the California Environmental Quality Act (“CEQA”) (Pub. Resources Code §§ 21000 et seq.), the Natural Resources Agency has amended the State CEQA Guidelines (Cal. Code Regs., tit. 14, §§ 15000 et seq.) and the California courts have interpreted specific provisions of CEQA; and

WHEREAS, Public Resources Code section 21082 requires all public agencies to adopt objectives, criteria and procedures for (1) the evaluation of public and private projects undertaken or approved by such public agencies, and (2) the preparation, if required, of environmental impact reports and negative declarations in connection with that evaluation; and

WHEREAS, the Victor Valley Wastewater Reclamation Authority must revise its local guidelines for implementing CEQA to make them consistent with the current provisions and interpretations of CEQA and the State CEQA Guidelines.

NOW, THEREFORE, the Victor Valley Wastewater Reclamation Authority (“VWVRA”) hereby resolves as follows:

SECTION 1. The VWVRA adopts the “2022 Local Guidelines for Implementing the California Environmental Quality Act,” a copy of which is on file at the offices of VWVRA and is available for inspection by the public.

SECTION 2. All prior actions of VWVRA enacting earlier guidelines are hereby repealed.

ADOPTED this 19th day of May, 2022.

Bill Holland, Chair
VWVRA Board of Commissioners

Page 2

ATTEST:

APPROVED AS TO FORM:

Scott Nassif Secretary
VWVRA Board of Commissioners

Piero C. Dallarda of
Best, Best & Krieger LLP, VWVRA Counsel

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 May 19, 2022.

Kristi Casteel – Clerk of the Board

- The report also recommends that VVWRA consider short-term operational changes and long-term infrastructure modifications to assist the septage waste haulers and speed up the receiving process. These modifications will benefit septage waste hauling companies and the community.

Based on the JRC analysis and Staff's experience, Staff proposes the following recommendations:

- Increase septage receiving tipping fee from \$0.0936/gallon to \$0.12/gallon for Fiscal Year 2023;
- Annually evaluate the septage tipping fee recommendations to ensure the sustainability of the program;
- Open septage receiving station 7 days per week so that septage haulers can be better accommodated;
- Modify VVWRA's operational sampling of septage waste hauling trucks to decrease wait times;
- Research and implement long-term infrastructure modifications to increase septage storage capacity from 32,000 gallons to 86,000 gallons which would allow VVWRA to accept more septage and better assist septage haulers some of which sometimes cannot use our facility because of lack of capacity and must drive much further away to dispose of the septage.

The recommended \$0.03/gallon increase in the Septage Tipping Fee will have a minimal economic impact on the septage waste hauling companies. A typical cost of a septic hauling truck disposal (approximate capacity of 3,600 to 4,000 gallons) will increase from roughly \$108/truck to \$120/truck.

These recommended changes will also help eliminate turning away septage hauler trucks due to lower septage storage capacity and minimize the risk of any illegal septage dumping in the service area.

It is for these reasons staff recommends that the Board of Commissioners adopt Resolution 2022-03 to approve an increase of the septage tipping fee from \$0.0936/GAL to \$0.12/GAL; this fee increase will be effective July 1st, 2022 (Fiscal Year 2023)

Staff has met and discussed this increase and the reasons for it with septage haulers and they do not object to this recommendation.

Attachments:

Exhibit 1 Resolution 2022-03

EXHIBIT 1

RESOLUTION NO. 2022-03

**A RESOLUTION OF THE VICTOR VALLEY WASTEWATER
RECLAMATION AUTHORITY ADOPTING SEPTAGE FEES
FOR FISCAL YEAR 2023**

WHEREAS, the Victor Valley Wastewater Reclamation Authority (“VWVRA”) instituted in 2001 a Septage Receiving Program in order to accommodate some of the member entities’ needs for septage disposal for some of their residents and septage haulers;

WHEREAS, at the time the Septage Receiving Program was instituted, the VWVRA Commission determined that the program must be self-sufficient and be funded by septage tipping/receiving fees (“Septage Tipping Fees”);

WHEREAS, as provided in Ordinance 03, the Septage Tipping Fees can be set by the VWVRA Commission by resolution;

WHEREAS, the current Septage Tipping Fees were last set by the VWVRA Commission in 2007;

WHEREAS, the current Septage Tipping Fee is \$0.0936 per gallon of septage (\$0.0936/GAL);

WHEREAS, in April 2022, VWVRA retained John Robinson Consulting (“JRC”) to evaluate the Septage Tipping Fees to determine, among other things, whether the current Septage Tipping Fees are sufficient to sustain the Septage Receiving Program as originally intended;

WHEREAS, JRC prepared a technical memorandum (the “Technical Memorandum”) which is attached hereto as Exhibit A and incorporated herein by this reference;

WHEREAS, the JRC Technical Memorandum made several findings and reached, among others, the following summarized conclusions:

- The current revenue generated by the tipping fees charged by the Septage Receiving Program does not sufficiently recover the cost of receiving and treating the septage;
- The VWVRA’s Septage Tipping Fees are 50% lower than the septage tipping fees charged by seven surveyed regional wastewater plants and landfills that receive similar waste;
- Sewage treatment fees have covered the deficit created by the current Septage Tipping Fees;
- Septage Tipping fees should be increased at the same percentage rate as the VWVRA user charges fees;
- VWVRA should consider short-term operational changes and long-term infrastructure modifications to assist the septage waste haulers and speed up the receiving process, which will benefit septage waste hauling companies and the community;
- The report also recommends that VWVRA consider short-term operational changes and long-term infrastructure modifications to assist the septage waste haulers and speed up

the receiving process. These modifications will benefit septage waste hauling companies and the community;

- To address the deficit and accommodate the necessary modifications, the current Septage Tipping Fee should be increased from \$0.0936/gallon to \$0.12/gallon for Fiscal Year 2023;
- VVWRA should annually evaluate the Septage Tipping Fee to ensure the sustainability of the program.

WHEREAS, staff at VVWRA (“Staff”) has provided the VVWRA Commission with a list of recommendations in a Staff Report attached hereto as Exhibit B and incorporated herein by this reference;

WHEREAS, Staff recommendations include, without limitation, the following:

- An increase of the Septage Tipping Fee from \$0.0936/gallon to \$0.12/gallon for Fiscal Year 2023;
- That the Septage Tipping Fee be evaluated annually to ensure sustainability of the Septage Receiving Program;
- Modification of VVWRA’s operational sampling of septage waste hauling trucks to decrease wait times;
- That the Septage Receiving Station at VVWRA open 7 (seven) days a week so that septage haulers can be better accommodated;
- That VVWRA conduct research and implement long-term infrastructure modifications to increase septage storage capacity from 32,000 gallons to 86,000 gallons which would allow VVWRA to accept more septage and better assist septage haulers some of which sometimes cannot use our facility because of lack of capacity and must drive much further away to dispose of the septage;
- These recommended changes and modifications will help eliminate turning away Septage hauler trucks due to lower septage storage capacity and minimize the risk of any illegal septage dumping in the service area’ and,
- The recommended \$0.03/gallon increase will have a minimal economic impact on the Septage waste hauling companies;

WHEREAS, the VVWRA Commission accepts the findings and recommendations of the JRC Report and the recommendation of VVWRA Staff:

NOW, THEREFORE, the Victor Valley Wastewater Reclamation Authority (“VVWRA”) hereby resolves as follows:

SECTION 1. The VVWRA adopts the findings and recommendation of the JRC Report attached hereto and the recommendations of VVWRA also attached hereto;

SECTION 2. The VVWRA further resolves and orders that:

- The Septage Tipping Fee be increased from \$0.0936 per gallon to \$0.12 per gallon for Fiscal Year 2023 effective on July 1, 2022.
- The Septage Tipping Fee be evaluated annually to ensure sustainability of the Septage Receiving Program;
- VVWRA’s operational sampling of septage waste hauling trucks be modified as may be recommended by consultants and staff to decrease wait times;
- That, the Septage Receiving Station at VVWRA remain open 7 (seven) days a week as long as it does not interfere with VVWRA’s primary mission of (1) treating wastewater delivered by VVWRA’s member entities in compliance with all laws, regulations and permits and (2) producing recycled water compliant with Title 22 standards;
- That VVWRA conduct research and implement long-term infrastructure modifications to increase septage storage capacity from 32,000 gallons to 86,000 gallons.

SECTION 3. All prior actions of VVWRA enacting earlier Septage Tipping/Receiving Fees are hereby repealed.

ADOPTED this 19th day of May, 2022.

Bill Holland, Chair
VVWRA Board of Commissioners

ATTEST:

APPROVED AS TO FORM:

Scott Nassif Secretary
VVWRA Board of Commissioners

Piero C. Dallarda of
Best, Best & Krieger LLP, VVWRA Counsel

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 May 19, 2022.

Kristi Casteel – Clerk of the Board

EXHIBIT A

Resolution 2022-03



TECHNICAL MEMORANDUM

Subject: Victor Valley Wastewater Reclamation Authority – Septage Receiving Rate Evaluation
Technical Memorandum

Prepared For: Darron Poulsen, General Manager with Victor Valley Wastewater Reclamation Authority

Prepared By: John Robinson, Principal with John Robinson Consulting, Inc.

Date: April 22, 2022

INTRODUCTION

Victor Valley Wastewater Reclamation Authority (VWVRA) is a joint powers authority that consists of the City of Victorville, the City of Hesperia, the Town of Apple Valley, and two San Bernardino County Service Areas (No. 42 Oro Grande and No. 64 Spring Valley Lake). VWVRA owns and operates the Victor Valley Regional Wastewater Treatment Plant (Plant), which provides domestic, commercial, and industrial wastewater treatment from its service area. Since 1995, VWVRA has provided a septage receiving system for the local community to regulate non-domestic users discharging wastewater from its service area to the Plant in a safe, environmentally-friendly, and economical method for parcels that are not connected to a sanitary sewer system.

One of the goals is to have portions of the Plant be sufficiently funded with resources and qualified personnel to implement the Septage Receiving program. This technical memorandum aims to evaluate the current Septage Receiving fee structure and identify potential fees that may be implemented to support improvements to the Septage Receiving program.

BACKGROUND:

As part of the TM, the Septage Receiving disposal rates were evaluated. The Septage Receiving disposal rates have not been reviewed or updated since 2016, so for the last six years, these rates have remained at \$0.09 per gallon for septage disposal. The current septage disposal (i.e., tipping) service is not balanced with sanitary sewer service charges, which have increased from \$2,200/MG to \$4,087/MG over the last ten years and from \$3,004/MG to \$4,087/MG in the previous six years. See Table 1 for the service charges and connection fees for the last ten years.

Table 1 – Sanitary Sewer Service Charges and Connection Fees for the last ten years

June 30	Service Charges (\$/MG)*	Connection Fees (\$/EDU)**
2021	4,087	4,679
2020	3,784	4,679
2019	3,503	4,000
2018	3,503	4,000
2017	3,274	4,000



TECHNICAL MEMORANDUM

2016	3,004	4,000
2015	2,756	3,750
2014	2,528	3,750
2013	2,528	3,750
2012	2,200	3,750

*MG = Million Gallons

**EDU = Equivalent Dwelling Unit (245 gallons/da or 20 fixture units)

When sanitary sewer connection fees are evaluated over the same 6-year to 10-year time period, the sanitary sewer charges have increased by 36% and 85%, respectively. The current service charges \$4,087/MG, which is equivalent to \$0.0041/gallon compared to \$0.09/gallon for Septage receiving. If Septage receiving disposal had a similar percentage increase as the service charges since 2016, a 36% increase, the current Septage receiving disposal cost would be \$0.122 per gallon.

Due to infrastructure inefficiencies, the current Septage receiving infrastructure capacity is about 34,000 gallons per day. This limited daily capacity is usually utilized by disposal companies within the three to four hours when the Septage Receiving station is opened at 7:00 a.m. Due to this limitation, VVWRA staff turns away disposal companies daily. Locally, there are only two other disposal locations, including Lander and the Barstow landfill, with a capacity limitation of 15,000 gallons per day.

A meeting was conducted on March 30th with eight (8) septage hauling company managers to discuss the existing Septage receiving station and potential short-term and long-term recommendations to VVWRA staff. These recommendations are outlined in the following Septage receiving operational and infrastructure modifications.

SEPTAGE OPERATIONAL AND INFRASTRUCTURE MODIFICATIONS

VVWRA has been evaluating operation and infrastructure modifications for the septage receiving system over the last three to six months and developed some changes that could be implemented in the short-term and long-term based on the available capital infrastructure funds. The below short-term operation and infrastructure modifications include the VVWRA and the Septage hauling company managers' recommendations.

SHORT-TERM OPERATIONAL MODIFICATIONS

During our conversation with Septage hauling company managers, we learned due to VVWRA having to turn away trucks, most of the companies' holding tanks at their facilities are close to capacity. VVWRA management is working with staff to change the operations of the Septage receiving station to be open from 5 days to 7 days per week from 7:00 a.m. to 2:30 p.m.

Operationally VVWRA staff sample each truck for pH and verify if fat, oil, and grease are present



TECHNICAL MEMORANDUM

when the sample is taken. The change to the pH analysis standard operating procedure is to take pH from multiple trucks, which would help decrease the wait time by 10 minutes per truck. While this might seem a lot on a recent trip to VVWRA, six trucks were waiting to unload, and decreasing the wait per 10 minutes would have reduced the overall wait time for the last truck by one hour.

LONG-TERM INFRASTRUCTURE MODIFICATIONS

VVWRA staff have evaluated the Septage receiving station and the other infrastructure that supports the system. Currently, only one Septage hauling truck can unload in the receiving station, adding to the wait time for the septage waste hauling companies. VVWRA proposes adding two (2) 5,000-gallon clarifiers which would allow two septage haulers to unload simultaneously. As part of this modification, the Septage receiving solids handling system will be overhauled and simplified to remove equipment with costly operational and maintenance costs for VVWRA. An additional 10,000-gallon clarifier will be installed next to the existing equalization tank. This clarifier will trap grit and other materials, allowing material removal before entering the equalization tank. The proposed location will allow VVWRA staff easy access, allowing for additional maintenance. Finally, the equalization tank pump station will be modified because the current placement of discharge piping to the pump system does not allow approximately 16,000 gallons to be transferred from the equalization tank headworks.

GOAL OF THE SEPTAGE INFRASTRUCTURE MODIFICATIONS

The short-term operational modifications will decrease wait times while at the Plant, eliminate VVWRA staff having to turn away any Septage hauling company trucks, and assist septage hauling companies to decrease off-site storage at facilities as they are currently full at most facilities.

The long-term infrastructure modification will further decrease wait times at the Plant by allowing dual septage disposal, removing aging equipment with high operational costs, and increasing infrastructure to allow septage storage to change from 32,000 gallons to 86,000 gallons. These infrastructure modifications will decrease capital and operating costs due to the elimination of mechanical equipment, allowing easier removal of solids.

SEPTAGE RATES FROM OTHER AGENCIES AND LOCATIONS

In reviewing wastewater septage receiving rate information collected from other Public Owned Treatment Works (POTWs), the VVWRA wastewater septage receiving (tipping) fees are on the lower end of the spectrum. A summary of wastewater discharge permit fees from other POTWs is presented in Table 2.

TECHNICAL MEMORANDUM

Table 2. Septage Receiving Rates Fees

Publicly-Owned Treatment Works or Landfill	Tipping Fee
Victor Valley Wastewater Reclamation Authority	\$0.09/gallon
Barstow (Landfill)	\$0.1029/gallon
Burbank Water and Power	\$0.25/gallon
City of Los Angeles Sanitation and Environment (Hyperion WRP only)	\$0.18/gallon
City of Riverside	\$0.15/gallon
Eastern Municipal Water District	\$0.15/gallon
Los Angeles County Sanitation District (Lancaster WRP and Palmdale WRP)	\$0.25/gallon
Inland Empire Utilities Agency	\$0.20/gallon
Orange County Sanitation District	\$0.30/gallon

The average Septage receiving tipping fee for the seven POTWs (excluding VVWRA) and the Barstow landfill identified is \$0.198/gallon. A potential increase of the VVWRA septage receiving tipping rate from \$0.09/gallon to \$0.12/gallon would potentially yield an additional \$913,320 annually in additional revenue. This is calculated based on \$0.03/gallon * 86,000 gallons/day * 354 days/year (excluding 11 holidays) = \$913,320. The current Septage receiving tipping fee charged by VVWRA does not sufficiently cover the cost of administering Septage receiving activities for operations and maintenance.

SUMMARY

This technical memorandum summarized an evaluation of the VVWRA septage receiving system to evaluate the current Septage receiving tipping fee, research Septage receiving programs in Southern California, summarize recommend short-term operational recommendations and long-term operational recommendations to determine the following:

- Are VVWRA septage receiving fees providing sufficient revenue to fund the program?
- What short-term operational changes could be implemented to assist the septage waste hauling companies?
- What long-term infrastructure modifications could be made to decrease VVWRA operational costs while increasing the benefits for the septage waste hauling companies?
- What fees are being applied for Septage Receiving Programs implemented by other POTWs?

TECHNICAL MEMORANDUM

RECOMMENDATIONS

At present, revenue generated by the Septage receiving Program does not sufficiently recover its cost. A review of VVWRA's Septage receiving tipping fees indicates that the price per gallon is 50% lower than seven surveyed regional wastewater plants and landfills that receive similar waste. The Septage tipping fee should be increased at the same percentage rate as the VVWRA user charges fees.

It is also recommended that VVWRA consider short-term operational changes and long-term infrastructure modifications to assist the septage waste haulers. While the short-term operational changes will not benefit VVWRA, they will positively impact the septage waste hauling companies.

Based on this evaluation, JRC proposes the following recommendations for the VVWRA's Septage Receiving System:

- Increase septage receiving tipping fee from \$0.09/gallon to \$0.12/gallon for Fiscal Year 23
- Septage receiving tipping fee recommendations should be evaluated annually to ensure that they sufficiently recover costs for the program since they have not been updated since 2016.
- Open Septage receiving from 5 to 7 days per week
- Modify VVWRA's operational sampling of septage waste hauling trucks to decrease wait times
- Research and implement long-term infrastructure modifications that allow the increase of septage storage to change from 32,000 gallons to 86,000 gallons.

CONCLUSION

The recommended increase in the Septage receiving tipping fee from \$0.09/gallon to \$0.12/gallon will allow VVWRA and Septage waste hauling companies a sustainable system for both the short-term and long-term. While there will be an economic impact on the Septage waste hauling companies, the cost per truck seems minimal compared to the benefits. For example, the typical septic vacuum truck is approximately 3,600 to 4,000 gallons, and the \$0.03/gallon increase will raise the cost per truck from approximately \$108/truck to \$120/truck, respectively.

VVWRA will decrease wait time with improved disposal unloading, reduce wait times with modified VVWRA operations, eliminate turning away any Septage waste hauling company due to volume storage issues, and decrease both operation and maintenance of VVWRA.

These improvements will also eliminate the risk of septage illegal disposal, which is impactful to the entire community and the environment.

EXHIBIT B

Resolution 2022-03



**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Board of Commissioners Staff Report**

TO: VVWRA Board of Commissioners
FROM: Darron Poulsen, General Manager
SUBMITTED BY: Latif Laari, Business Application Manager
DATE: May 19, 2022,
SUBJECT: **ADOPTION OF RESOLUTION 2022-03 TO APPROVE AN INCREASE OF THE SEPTAGE TIPPING FEE FROM \$0.0936/GAL to \$0.12/GAL**

<input checked="" type="checkbox"/>	For Action	<input type="checkbox"/>	Fiscal Impact:	none
<input type="checkbox"/>	Information Only	<input type="checkbox"/>	Account Code:	not applicable
		<input type="checkbox"/>	Funds Budgeted/Approved:	none

STAFF RECOMMENDATION

It is recommended that the Board of Commissioners adopt Resolution 2022-03 to approve an increase of the septage tipping fee from \$0.0936/GAL to \$0.12/GAL; this fee increase will be effective July 1st 2022 (Fiscal Year 23) and, as demonstrated by the accompanying staff report, it is necessary to cover VVWRA's costs for treating the septage received.

PREVIOUS ACTION(S)

None. The last time septage fees were set was in 2007, more than 15 years ago.

BACKGROUND INFORMATION

In April 2022, VVWRA retained John Robinson Consulting (JRC) to evaluate the septage tipping fees levied on septage waste haulers. JRC prepared a technical memorandum which is attached as Exhibit 1. The findings of the memorandum can be summarized as follows:

- The current revenue generated by the tipping fees charged by the septage receiving program does not sufficiently recover the cost of receiving and handling the Septage. As a result, user charges have been covering the deficit and the Septage Tipping Fee should be increased at the same percentage rate as the VVWRA user charges fees.
- A review of VVWRA's septage receiving tipping fees indicates that the price per gallon is 50% lower than seven surveyed regional wastewater plants and landfills that receive similar waste.

- The report also recommends that VVWRA consider short-term operational changes and long-term infrastructure modifications to assist the septage waste haulers and speed up the receiving process. These modifications will benefit septage waste hauling companies and the community.

Based on the JRC analysis and Staff's experience, Staff proposes the following recommendations:

- Increase septage receiving tipping fee from \$0.0936/gallon to \$0.12/gallon for Fiscal Year 2023;
- Annually evaluate the septage tipping fee recommendations to ensure the sustainability of the program;
- Open septage receiving station 7 days per week so that septage haulers can be better accommodated;
- Modify VVWRA's operational sampling of septage waste hauling trucks to decrease wait times;
- Research and implement long-term infrastructure modifications to increase septage storage capacity from 32,000 gallons to 86,000 gallons which would allow VVWRA to accept more septage and better assist septage haulers some of which sometimes cannot use our facility because of lack of capacity and must drive much further away to dispose of the septage.

The recommended \$0.03/gallon increase in the Septage Tipping Fee will have a minimal economic impact on the septage waste hauling companies. A typical cost of a septic hauling truck disposal (approximate capacity of 3,600 to 4,000 gallons) will increase from roughly \$108/truck to \$120/truck.

These recommended changes will also help eliminate turning away septage hauler trucks due to lower septage storage capacity and minimize the risk of any illegal septage dumping in the service area.

It is for these reasons staff recommends that the Board of Commissioners adopt Resolution 2022-03 to approve an increase of the septage tipping fee from \$0.0936/GAL to \$0.12/GAL; this fee increase will be effective July 1st 2022 (Fiscal Year 2023)

Staff has met and discussed this increase and the reasons for it with septage haulers and they do not object to this recommendation.

Attachments:

Exhibit 1 Resolution 2022-03



**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Board of Commissioners Staff Report**

TO: VVWRA Board of Commissioners
FROM: Darron Poulsen, General Manager *DKP*
SUBMITTED BY: Darron Poulsen, General Manager
DATE: May 19, 2022

SUBJECT: **IT IS RECOMMENDED THAT THE BOARD OF COMMISSIONERS ADOPT RESOLUTION 2022-04 TO AMEND THE VVWRA PURCHASING POLICY TO INCREASE THE PURCHASING AUTHORITY OF THE GENERAL MANAGER AND STAFF TO ONE OF THREE PROPOSED LEVELS OR ANOTHER VALUE APPROVED BY THE BOARD OF COMMISSIONERS.**

<input checked="" type="checkbox"/>	For Action	<input type="checkbox"/>	Fiscal Impact:	none
<input type="checkbox"/>	Information Only	<input type="checkbox"/>	Account Code:	not applicable
		<input type="checkbox"/>	Funds Budgeted/Approved:	none

STAFF RECOMMENDATION

It is recommended that the Board of Commissioners adopt Resolution 2022-04 to amend the VVWRA purchasing policy to increase the purchasing authority of the General Manager and staff to one of three proposed levels, or another value approved by the Board of Commissioners:

	General Manager	Directors	Supervisors	Lead Staff	Regular Staff
1.	\$50,000	\$30,000	\$15,000	\$5,000	\$500
2.	\$75,000	\$50,000	\$15,000	\$5,000	\$500
3.	\$100,000	\$75,000	\$15,000	\$5,000	\$500

PREVIOUS ACTION(S)

None

BACKGROUND INFORMATION

The cost of doing business has significantly increased over the last few years. During the development of the proposed FY 2022/2023 budget staff recognized some significant increases on both products and services which are critical to our regular operations. Normal items and services critical to our operations are now costing more than current authorized purchasing levels. To sustain an effective level of operations and to minimize approval times that would

normally have to be approved by the Board, the staff is asking that the Board consider increasing the authorized purchasing limits. The current VVWRA General Manager purchasing authority is only \$30,000, while City Managers at two Member Agencies have an authority limit up to \$50,000 and the remaining two Member Agencies managers have limits over \$100,000.

All monies approved by the General Manager have been approved by the Board in advance of the expenditure in the annual budget. There needs to be a balance of transparency with Board authorization and effective operations. Due to the current increase for the cost of goods and services staff feels that it would be prudent to increase purchasing levels to protect the effective and efficient operations of the VVWRA operations.

It is recommended that the Board of Commissioners adopt Resolution 2022-04, attached as Exhibit 1, to amend the VVWRA purchasing policy to increase the purchasing authority of the General Manager and staff to one of three proposed levels, or another value approved by the Board of Commissioners:

General Manager	Directors	Supervisors	Lead Staff	Regular Staff
\$50,000	\$30,000	\$15,000	\$5,000	\$500
\$75,000	\$50,000	\$15,000	\$5,000	\$500
\$100,000	\$75,000	\$15,000	\$5,000	\$500

Attachments:

Exhibit 1- Resolution 2022-04

EXHIBIT 1

RESOLUTION NO. 2022-04

A RESOLUTION OF THE VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY AMENDING ITS PURCHASING POLICY AND INCREASING STAFF’S PURCHASING AUTHORITY

WHEREAS, the Victor Valley Wastewater Reclamation Authority (“VWVRA”) has instituted a Purchasing Policy that provides, a copy of which is hereto attached and incorporated herein by this reference;

WHEREAS, among other things, the Purchasing Policy provides that VWVRA’s General Manager’s purchasing authority is limited to up to \$30,000 (thirty thousand dollars), the purchasing authority of Department Directors is limited to up to \$10,000, the Purchasing Authority of Supervisors is limited to up to \$5,000, the Purchasing Authority of Lead Staff is limited to up to \$500 and the Purchasing Authority of regular Staff is limited to up to \$500 ;

WHEREAS, pursuant to a Staff Recommendation (attached hereto as Exhibit 2 and incorporated herein by this reference), Staff at VWVRA has recommended that the VWVRA Commission consider amending the Purchasing Policy (1) as a result of the increasing costs of conducting operations; and, (2) to shorten lead times to acquire equipment and materials and sustain an effective level of service and operations;

WHEREAS, except for amounts used to purchase services, materials and equipment in case of a sudden emergency, all funds for VWVRA purchases have been previously approved by the Board in advance of the expenditure in the annual budget;

WHEREAS, Staff is asking the VWVRA Commission to consider the following potential levels of purchasing authority:

	General Manager	Directors	Supervisors	Lead Staff	Regular Staff
1.	\$50,000	\$30,000	\$15,000	\$5,000	\$500
2.	\$75,000	\$50,000	\$15,000	\$5,000	\$500
3.	\$100,000	\$75,000	\$15,000	\$5,000	\$500

WHEREAS, the VWVRA public works and procurement of services rules for bidding public works and procuring services shall not be affected by this Resolution;

NOW, THEREFORE, the Victor Valley Wastewater Reclamation Authority (“VWVRA”) hereby resolves as follows:

SECTION 1. The VWVRA Commission hereby resolves and orders that the Purchase Authority for VWVRA Staff be amended as follows:

- General Manager _____
- Directors _____
- Supervisors _____
- Lead Staff _____
- Regular Staff _____

SECTION 2. The VWVRA Commission hereby resolves that VWVRA public works and procurement of services rules for bidding public works and procuring services shall not be affected by this Resolution.

SECTION 3. All prior actions of VVWRA regarding the Purchase Authority of VVWRA Staff are hereby repealed to the extent that those previous actions contravene this Resolution.

ADOPTED this 19th day of May, 2022.

Bill Holland, Chair
VVWRA Board of Commissioners

ATTEST:

APPROVED AS TO FORM:

Scott Nassif Secretary
VVWRA Board of Commissioners

Piero C. Dallarda of
Best, Best & Krieger LLP, VVWRA Counsel

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 May 19, 2022.

Kristi Casteel – Clerk of the Board

1. Project must be located at an existing publicly owned wastewater treatment plant in California.
2. Project site must have an existing anaerobic digestion system with excess digestion capacity.
3. Project must either have an existing food waste receiving station with excess capacity on-site or propose to construct a new or expanded food waste receiving station infrastructure that allows for direct receipt of food waste into the anaerobic digester(s).
 0. A project that proposes to receive food waste at the headworks or through the sewage system for co-digestion is ineligible.
4. Project must demonstrate an increase in permanent capacity for the co-digestion of food waste as a result of the grant.
5. Project must co-digest food waste and utilize the biogas that is generated to produce transportation fuel, renewable electricity, heat, or biomethane for pipeline injection.

This no matching funds grant provides an opportunity to see a minimum award of \$1,000,000 and a maximum award of \$4,000,000. In collaboration with Anaergia, VVWRA and a grant writing consultant, Momentum, are working together to develop plans and an application for further enhancements and expansion of the existing RNG project to be considered for this grant. The proposed enhancements would provide for an additional food waste receiving station, additional food waste storage, an improved filtering stations to remove trash from the materials and additional food waste capacity. These improvements would have minimal impact on operations but would increase efficiency and revenues attributed to receiving more food waste and generating greater levels of RNG.

Timing to participate in this grant process are critical. The deadline for the application is May 19, 2022. In order to participate the application must also include a number of resolutions and letters approved by the VVWRA Board. Exhibit items 1 through 4 must be authorized and included in a grant package that must be sent out today.

It is for these reasons that staff recommends that the Board of Commissioners adopt resolutions 2022-05 authorizing the submittal of a CalRecycle grant application as an eligible recipient and approve the General Manager to sign a letter of commitment – individual grant and applicant payment and a letter of designation – grant and payments program.

Attachments:

Exhibit 1- Resolution 2022-05

Exhibit 2- Letter of Commitment – Individual Applicant Grant and Payment Programs

Exhibit 3- Letter of Designation – Grant and Payments Program

EXHIBIT 1

Regional Applicant - Regional Lead Participant

RESOLUTION 2022-05

**RESOLUTION OF THE VICTOR VALLEY WASTEWATER RECLAMATION
AUTHORITY AUTHORIZING SUBMITTAL OF A CALRECYCLE GRANT
APPLICATION FOR WHICH VICTOR VALLEY WASTEWATER RECLAMATION
AUTHORITY IS ELIGIBLE**

WHEREAS, Public Resources Code sections 48000 et seq. authorize the Department of Resources Recycling and Recovery (CalRecycle) to administer various grant programs (grants) in furtherance of the State of California's (state) efforts to reduce, recycle, and reuse solid waste generated in the state thereby preserving landfill capacity and protecting public health and safety and the environment;

WHEREAS, CalRecycle Co-Digestion Grant Program allows regional grant projects;

WHEREAS, CalRecycle grant application procedures require, among other things, a regional applicant's governing body to declare by resolution certain authorizations related to the administration of CalRecycle grants; and,

WHEREAS, CalRecycle has provided a sample resolution format, Cal Recycle prefers to use;

NOW, THEREFORE, BE IT RESOLVED that the Victor Valley Wastewater Reclamation Authority Commission (Board of Directors) authorizes Victor Valley Wastewater Reclamation Authority to submit a CalRecycle Co-Digestion Grant Program application on behalf of itself as Lead Agency and the participating jurisdictions as shown by the documentation attached. **(Attach list of participating jurisdictions)**

BE IT FURTHER RESOLVED that the Board of Directors, or his/her duly appointed designee, is hereby authorized and empowered to execute on behalf of Victor Valley Wastewater Reclamation Authority all grant-related documents, including, but not limited to, applications, payment requests, agreements, and amendments necessary to secure grant funds and to implement the approved grant project; and

BE IT FURTHER RESOLVED that these authorizations are effective for five (5) years from the date of adoption of this resolution

ADOPTED this 19th day of May, 2022.

Bill Holland, Chair

VVWRA Board of Commissioners

ATTEST:

APPROVED AS TO FORM:

Scott Nassif Secretary
VWVRA Board of Commissioners
Counsel

Piero C. Dallarda of
Best, Best & Krieger LLP, VWVRA

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 May 19, 2022.

ATTEST/CERTIFIED _____ (Name(s))

EXHIBIT 2



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) 246-2898

May 19, 2022

The Board of Commissioners for Victor Valley Wastewater Reclamation Authority. The Board of Commissioners is authorized to contractually bind Victor Valley Wastewater Reclamation Authority. Pursuant to this authority, the Board does hereby authorize the following:

- 1) The submittal of an application for the CalRecycle Grant
- 2) General Manager as our Signature Authority to execute all documents necessary to secure funds and implement the approved project; documents include, but are not limited to, applications, agreements, amendments and requests for payment.
- 3) Our Signature Authority to delegate this authority.
- 4) This document is valid until rescinded by the Board or my successor (only valid for payment programs).

The information below identifies our Signature Authority.

Darron Poulsen, General Manager
 20111 Shay Road
 Victorville CA 92394
 760-246-8638

Darron Poulsen, General Manager
 20111 Shay Road
 Victorville CA 92394
 760-246-8638

EXHIBIT 3



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) 246-2898

May 19, 2022

Pursuant to the Resolution authorizing an application for the CalRecycle Grant, I am the designated Signature Authority for Victor Valley Wastewater Reclamation Authority. I am authorized by the Resolution to execute on behalf of Victor Valley Wastewater Reclamation Authority all documents, including but not limited to, applications, agreements, amendments and requests for payment, necessary to secure funds and implement the approved project. The Resolution also authorizes me to delegate this authority. Accordingly, I hereby delegate this authority to the General Manager.

This delegation is effective as long as the Resolution is in effect.

Bill Holland, Board Chair
 Victor Valley Wastewater Reclamation Authority
 20111 Shay Road
 Victorville CA 92394
 760-246-8638

Victor Valley Wastewater Reclamation Authority



Financial and Cash Reports

For the Quarter Ended March 31, 2022

Executive Summary of Financial Statements

For the Quarter Ended March 31, 2022

1. Cash balance at March 31, 2022 is \$14,178,287 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.

	<u>Current Balance</u>
O&M Reserve: 10% of Prior Year Budgeted Operating Expenses	\$ 1,446,868
R&R Reserve: 1% of Land Improvements/Plants/Interceptors PY CAFR	2,976,961
Reserve for SRF Payments (P& I) - Operating	2,749,738
Reserve for SRF Payments (P& I) - Capital	1,553,204
Cash Available for Operations and Capital	<u>5,451,516</u>
Total Cash	<u>\$ 14,178,287</u>

2. The financial statements for the quarter ended March 31, 2022 show a deficit of \$767,279 (a cumulative year-to-date deficit of \$4,946,085) to reflect \$1,865,859 (a cumulative \$7,463,574) 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 \$335,118. The connection fee revenue received during the quarter is also higher than a budgeted average quarterly amount by \$433,121. The expenses are what the staff processed during the month that may not match corresponding revenues. The staff will record matching expenses at a year-end by accruing incurred costs.



Chieko Keagy, Controller

Victor Valley Wastewater Reclamation Authority
CASH AND RESERVE SUMMARY
 March 31, 2022

G/L Account	Description	Balance	% of Total
1000	DCB Checking Account	\$ 1,113,000	7.85%
1030	DCB Sweep Account	1,816,903	12.81%
1075	Cal Trust	10,367,657	73.12%
1070	LAIF	880,727	6.21%
	Total Cash	<u>\$ 14,178,287</u>	<u>100.00%</u>

G/L Account	Description	Beginning Balance	Deposits (Disbursement)	Ending Balance
1070	LAIF	3,379,450	(2,498,723)	880,727
	Quarterly Interest Earned			Quarterly Yield
		1,662		0.09%

G/L Account	Description	Beginning Balance	Deposits (Disbursement)	Ending Balance
1075	Cal Trust	10,517,391	(149,734)	10,367,657
	Quarterly Interest Earned			Quarterly Yield
		(149,734)		-1.42%

	Current Balance	Restricted	Assigned
O&M Reserve: 10% of Prior Year Budgeted Operating Expenses	\$ 1,446,868	\$	\$ 1,446,868
R&R Reserve: 1% of Land Improvements/Plants/Interceptors PY CAFR	2,976,961		2,976,961
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	5,451,516	-	
Total Cash	<u>\$ 14,178,287</u>	<u>\$ 4,302,942</u>	<u>\$ 4,423,829</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, 2022

<u>Assets and Deferred Outflows of Resources</u>	<u>2022</u>
Current assets:	
Cash and cash equivalents	\$ 13,516,551
Interest receivable	950
Accounts receivable	6,856,854
Accounts receivable - Lease	1,172,255
Accounts receivable - Other	18,400
Allowance for Doubtful Accounts	(101,207)
Materials and supplies inventory	48,837
Prepaid expenses and other deposits	<u>434,123</u>
Total current assets	<u>21,946,763</u>
Fixed assets:	
Capital assets not being depreciated	5,042,173
Capital assets being depreciated	<u>161,752,086</u>
Total capital assets	<u>166,794,259</u>
Total assets	<u>188,741,022</u>
Deferred outflows of resources	
Deferred outflows of resources - OPEB	1,029,752
Deferred outflows of resources - pension	<u>1,388,704</u>
	<u>2,418,456</u>
Total	<u>\$ 191,159,478</u>
 <u>Liabilities, Deferred Inflows of Resources, and Net Position</u>	
Current liabilities:	
Accounts payable and accrued expenses	\$ 378,811
Accrued interest on long-term debt	228,912
Long-term liabilities - due within one year:	-
Compensated absences	65,509
Lease payables	155,014
Loans payables	3,885,246
Other payables	<u>1,678</u>
Total current liabilities	<u>4,715,170</u>
Non-current liabilities:	
Long-term liabilities - due in more than one year:	
Compensated absences	332,716
Other post employment benefits payable	3,871,850
Lease payables	241,171
Loans payable	69,084,306
Net pension liability	6,458,067
Other payables	<u>(1,177)</u>
Total non-current liabilities:	<u>79,986,933</u>
Total liabilities	<u>84,702,103</u>
Deferred inflows of resources	
Deferred inflows of resources - OPEB	147,404
Deferred inflows of resources - pension	127,864
Deferred inflows of resources - lease	<u>1,075,492</u>
	<u>1,350,760</u>
Net position:	
Net investment in capital assets	97,643,554
Restricted for capital projects	-
Restricted for SRF loan covenant	4,882,810
Unrestricted	7,526,336
Decrease in net position FY 2022	<u>(4,946,085)</u>
Total net position	<u>105,106,615</u>
Total	<u>\$ 191,159,478</u>

Victor Valley Wastewater Reclamation Authority
Revenues and Expenses
Operations and Maintenance
For the Quarter Ended March 31, 2022

	Quarter Actual January - March	YTD Actual FY 21-22	Approved Budget FY 21-22
REVENUES			
User Charges	\$ 4,760,095	\$ 14,276,416	\$ 17,699,907
Sludge Flow Charge	32,998	73,964	144,000
High Strength Waste Surcharges	116	2,145	38,400
ADM FOG Tipping Fee Revenue	57,257	57,429	605,000
Septage Receiving Facility Charges	212,537	639,580	671,767
Reclaimed Water Sales	9,029	14,814	228,552
Potable Well Water Sales	473	1,319	2,220
Interest	294	897	-
Pretreatment Fees	18,375	46,900	115,000
Finance Charge	-	-	-
Grant - FEMA/Cal-EMA	-	-	-
Grant - Proposition 1	-	-	-
Lease	21,000	36,060	12,000
Settlement Revenue	-	-	440,000
Sale of Assets, Scrap, & Misc Income	293	914	-
Total REVENUES	\$ 5,112,467	\$ 15,150,438	\$ 19,956,846
EXPENSES			
Personnel	\$ 1,278,563	\$ 4,403,416	\$ 5,966,267
Maintenance	716,500	1,697,991	3,507,600
Operations	796,833	2,764,923	4,066,284
Administrative	406,090	1,321,015	2,271,087
Construction and Capital Purchases	417,348	1,862,804	517,529
Total EXPENSES	\$ 3,615,334	\$ 12,050,149	\$ 16,328,767
Revenues over Expenses before Depreciation, Debt Service and Transfers	\$ 1,497,133	\$ 3,100,289	\$ 3,628,079
Depreciation Expense	1,865,859	7,463,574	-
FEMA CalOES Retention	-	-	-
DEBT SERVICE			
SRF Principal	\$ -	\$ -	\$ 2,094,337
SRF Interest	357,531	406,648	655,401
	<u>\$ 357,531</u>	<u>\$ 406,648</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	\$ (726,257)	\$ (4,769,933)	\$ 878,341

Victor Valley Wastewater Reclamation Authority
Revenues and Expenditures
Capital
For the Quarter Ended March 31, 2022

	January - March	YTD Actual FY 21-22	Approved Budget FY 21-22
REVENUES			
Connection Fees	\$ 726,804	\$ 1,465,124	\$ 1,174,731
Title 16 Grant - Subregional	-	-	-
Grant- Water Recycling	-	-	-
Sale of Assets, Scrap, & Misc Income	-	-	-
Interest	12,198	28,295	80,000
Proposition 1 Grant	-	-	-
Proposition 84 Grant	-	-	-
CEC Microgrid Grant	-	-	-
FMV Adjustment	(159,878)	(206,565)	-
Grant - FEMA/Cal-EMA	-	-	-
Total REVENUES	\$ 579,124	\$ 1,286,854	\$ 1,254,731
CAPITAL EXPENSES			
Personnel	\$ -	-	-
Maintenance	-	-	-
Operations	-	-	-
Administrative	-	-	-
Construction	364,792	1,207,652	-
Total CAPITAL EXPENSES	\$ 364,792	\$ 1,207,652	\$ -
Revenues over Expenses before Debt Service and Transfers	\$ 214,332	\$ 79,202	\$ 1,254,731
DEBT SERVICE			
SRF Principal	\$ -	-	\$ 1,794,802
SRF Interest	255,354	255,354	338,270
	\$ 255,354	\$ 255,354	\$ 2,133,072
FUND TRANSFERS IN			
Capital Recovery - Septage from O&M	\$ -	-	-
Interfund Loan Payment from O&M	-	-	-
Total FUND TRANSFERS IN	\$ -	\$ -	\$ -
FUND TRANSFERS OUT			
Salary/Benefits Charge to O & M	\$ -	-	-
Admin Charge to O & M	-	-	-
Total FUND TRANSFERS OUT	\$ -	\$ -	\$ -
Excess Revenues Over Expenses	\$ (41,022)	\$ (176,152)	\$ (878,341)

Accrual Basis

Victor Valley Wastewater Reclamation Authority
Statements of Cash Flows
For the Quarter Ended March 31, 2022

		<u>2022</u>
Cash flows from operating activities:		
Cash receipts from customers	\$	5,076,779
Cash paid to employees for salaries and wages		(1,217,165)
Cash paid to vendors and suppliers for materials and services		<u>(4,156,558)</u>
Net cash provided by operating activities		<u>(296,944)</u>
Cash flows from capital and related financing activities:		
Acquisition and construction of capital assets		782,140
Payments for flood damage		-
Proceeds from connection fees		818,801
Proceeds from grant funding		-
Proceeds from loans		-
Principal and Interest paid for long-term debt		<u>(3,325,822)</u>
Net cash provided by (used in) capital and related financing activities		<u>(1,724,881)</u>
Cash flows from investing activities:		
Proceeds from sale of investments		-
Investment earnings		<u>(148,071)</u>
Net cash provided by investing activities		<u>(148,071)</u>
Net increase in cash and cash equivalents		<u>(2,169,896)</u>
Cash and cash equivalents, beginning of quarter		<u>15,686,447</u>
Cash and cash equivalents, end of quarter	\$	<u>13,516,551</u>
Reconciliation of cash and cash equivalents to the statements of net position:		
Cash and cash equivalents	\$	<u>13,516,551</u>
Total cash and cash equivalents	\$	<u>13,516,551</u>

VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
SRF LOAN SUMMARY
March 31, 2022

	Existing	Existing	Existing	Existing	Existing	Existing	Existing	
	11 MGD Expansion	North Apple Valley Interceptor	Phase IIIA Regulatory Upgrades	UN Replacement Project	Nanticoke Pump Station Bypass	Apple Valley Sub-Regional	Hesperia Sub-Regional	Total Agreed SRF Loans
SRF LOAN #	4574	4658	5376	7805	7833	4806	4807	
Original Amount Financed	\$ 11,430,726.00	\$ 4,084,688.00	\$ 18,581,561.00	\$ 4,286,380.00	\$ 4,495,212.79	\$ 26,455,228.84	\$ 37,758,384.81	\$ 107,092,181.44
SRF Interest Rate (fixed)	* 0.00%	2.50%	2.70%	1.90%	1.90%	1.00%	1.00%	Varies
Local Match Amount	1,905,159.00	-	-	-	-	-	-	1,905,159.00
Principal Forgiveness	n/a	n/a	3,000,000.00	n/a	n/a	n/a	n/a	3,000,000.00
SRF Amount Borrowed	9,525,567.00	4,084,688.00	15,717,667.66	4,286,380.00	4,495,212.79	26,455,228.84	37,758,384.81	102,323,129.10
Annual Payment Amount	579,869.96	258,151.05	1,027,609.73	257,745.38	271,632.70	1,024,950.85	1,462,850.30	4,882,809.97
Annual Payment Due Date	April 3	February 13	June 30	December 31	June 30	February 28	February 28	Varies
Loan Term (years)	20	20	20	20	20	30	30	Varies
Years remaining	1	2	11	11	16	26	26	Varies
DEBT SERVICE								
Loan Outstanding Balance	571,533.61	497,566.55	9,668,039.48	2,376,478.73	3,717,533.64	23,363,963.31	33,345,970.53	73,541,085.85
Principal Paid to Date	8,954,033.39	3,587,121.45	6,049,628.18	1,909,901.27	777,679.15	3,091,265.53	4,412,414.28	28,782,043.25
Interest Paid to Date	1,896,822.64	1,024,051.24	3,141,084.26	330,379.93	308,851.65	1,008,537.87	1,438,986.92	9,148,714.51
First Payment Date	April 3, 2003	Feb. 13, 2005	June 30, 2013	Dec. 31, 2016	Jun 30, 2018	February 28 2019	February 28 2019	Varies
Final Payment Date	April 3, 2022	Feb. 13, 2024	June 30, 2032	Dec. 31, 2032	Jun. 30, 2037	February 28, 2048	February 28, 2048	Varies
Effective interest rate	1.850%	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 2022

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

TO: Board of Commissioners

FROM: Brad Adams – Plant Superintendent

SUBJECT: Operations & Maintenance Report

DATE: May 19, 2022

The following information details the operation of the Victor Valley Wastewater Reclamation Authority for the first quarter of 2022. 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	January	February	March	Quarterly Total
Total Flow Influent Flow	352.71	323.97	344.81	1021.5 MG
Total Flow to Mojave	255.76 MG	211.01 MG	263.61	730.38 MG
Total Flow to Perc Ponds	158.33 MG	173.31 MG	142.79	474.43 MG
Total 3W Flow to American Organics	0.5377 MG	0.6249 MG	0.7409 MG	1.90 MG
Total 3W Flow to Victorville	0.1731 MG	0 MG	0 MG	0.1731 MG
Total Hesperia Influent Flow	11.71 MG	11.05 MG	12.51 MG	35.27 MG
Total 3W Flow to Hesperia	0 MG	0 MG	0 MG	0 MG
Total Apple Valley Influent Flow	16.35 MG	13.19 MG	11.50 MG	41.04 MG
Total 3W Flow to Apple Valley	0 MG	0 MG	0 MG	0 MG
Total Septage Received	0.62 MG	0.60 MG	1.04 MG	2.26 MG
Total ADM/FOG Received	0.30 MG	0.52 MG	0.62 MG	1.75 MG
Total Digester Gas Production	12.8 M SCF	13.6 M SCF	14.1 M SCF	40.5 M SCF

Work Order Activity

KPI	Count				Percent			
	Jan	Feb	Mar	Total	Jan	Feb	Mar	Total
Planned Work Total	58	112	164	334				
Planned Work Completed	58	109	161	328	100%	97.3%	98.2%	98.5%
Planned Work Completed On-Time	53	98	154	305	91.4%	87.5%	93.9%	90.9%
Planned Work Incomplete	0	3	3	6	0%	2.7%	1.8%	1.5%
Planned Work Completed Late	4	12	8	24	6.9%	10.7%	4.9%	7.5%
Reactive Work Completed	92	143	144	379	36.5%	38.7%	31.2%	35.5%
PM Work Completed	143	210	292	645	56.8%	56.8%	63.2%	58.9%
Total Work Completed	252	370	462	1084				

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**
 - No permit violations.
- **Sampling**
 - All permit required samples for 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**
 - Aeration basins 9-12 diffusers were replaced. New diffusers have been ordered for remaining basins.
 - Trimax replaced and commissioned new RAS and blower building PLCs.
 - Aqua aerobics onsite to replace Aquadiamond Filter media.

- **Digesters/ RNG**
 - Worked with Anaergia to finish commissioning Post consumer food waste tanks 2 and 3.
 - WM Lyles finished pipeline to accept FOG to the Anaerobic Digesters.

- **Solids Handling**
 - GBT operation expanded to two shifts, to handle the increased digestate from the RNG project.

Maintenance Activities

- **Process Equipment**
 - Replaced diffusers on aeration basins 9-12.
 - Replaced skimming arms and chain for Primary clarifier 4.

Vactor Cleaning

- Septage Receiving Grit Chamber.
- Storm Drains.
- Septage EQ basin.
- Assisted Innerline with collection system cleaning.

Pumps Services / Replacements

- Internal recycle pump 5/6 replaced.
- Oro Grande pump 1 replaced.
- Replaced rotor and stator for Septage EQ 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 for 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.
 - Newest version of Fibracast membranes have been ordered and are scheduled to be delivered beginning of June.

Maintenance Activities

- **Otoe Lift Station**
 - Vactored and cleaned the wet well.
 - Replaced pump 3 with spare. New spare pump ordered.
- **WRP**
 - Replaced reclaim water pump 2.
 - Service water pump 2 sent off to be rebuilt by DXP.

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 for 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.
 - Newest version of Fibracast membranes have been ordered and are scheduled to be delivered beginning of June.
- **3W**
 - Spot Check bioassay report completed by Trussels Technologies.
 - Delivery of recycled water to Hesperia to begin April 4th.

Maintenance Activities

- **Hesperia Lift Station**
 - Vactored and cleaned the wet well.
- **WRP**
 - Waste pump 2 pulled out of process. New pump ordered.

Victor Valley Wastewater Reclamation Authority



Environmental Compliance Department Report

January-March 2022

VWRA Environmental Compliance Department
Industrial Pretreatment Program

I. Interceptors Operation and Maintenance:

1. Interceptor's cleaning & CCTV:

Schedule 4 & 5 cleaning, and CCTV completed

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:

- ✓ No Damage was found during inspections and no repair was needed or performed.

4. Sanitary sewer overflows (SSO) Summary:

- ✓ Date of last reportable SSO: November 3rd, 2021

5. Interceptors' maintenance budget remaining:

- ✓ The fiscal year 2021-2022 Interceptor sewer maintenance amount remaining for sewer cleaning and inspection services is \$94,949.00

6. Dig Alert Underground tickets processed:

- ✓ A total of Two Hundred and Thirty (230) 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:**
 - ✓ Twenty-Two (22) New Business Questionnaires were processed in Quarter 1 of 2022.
 - ✓ Zero (0) New Business Inspections were conducted in Quarter 1 of 2022.
2. **New permits issued:**
 - ✓ One (1) New permit were issued in Quarter 1 of 2022.
3. **Permit renewals issued:**
 - ✓ Eighteen (18) Class III permit renewals were issued in Quarter 1 of 2022.
4. **Work Orders:**
 - ✓ 31 Work Orders were completed in Quarter 4 of 2021.
5. **Monthly revenues collected, and invoices issued:**
 - ✓ Revenues: \$19,175.00
 - ✓ Invoiced: \$19,650.00

III. Industrial Pretreatment Activities (continued)

1. Current enforcement actions:

- ✓ No Notice of Violations were issued during Quarter 1 2022.

2. Current active industrial pretreatment permits:

- ✓ The current number of VVWRA’s industrial wastewater discharge permits is 93, they are comprised as follows:

1	Class I	Categorical Industrial User
11	Class II	Non-Categorical Significant Industrial User
62	Class III	Non-Significant Industrial User
3	Class IV	Zero Discharge Industrial User
16	Class V	Sanitary Waste Haulers

- ✓ The permitted establishments include:

14	Automotive Service Facility
1	Brewery/Winery
24	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
15	Waste Haulers

- ✓ Permitted businesses are distributed among member entities as follows: 32 in Victorville, 13 in Apple Valley and 17 in Hesperia.

Victor Valley Wastewater Reclamation Authority



Environmental Compliance Department

Septage/FOG/ADM Quarterly Report

January-March 2022

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

Payments and Invoices period: January 1st thru March 31st – Septage rate per Gallon: \$ 0.0936

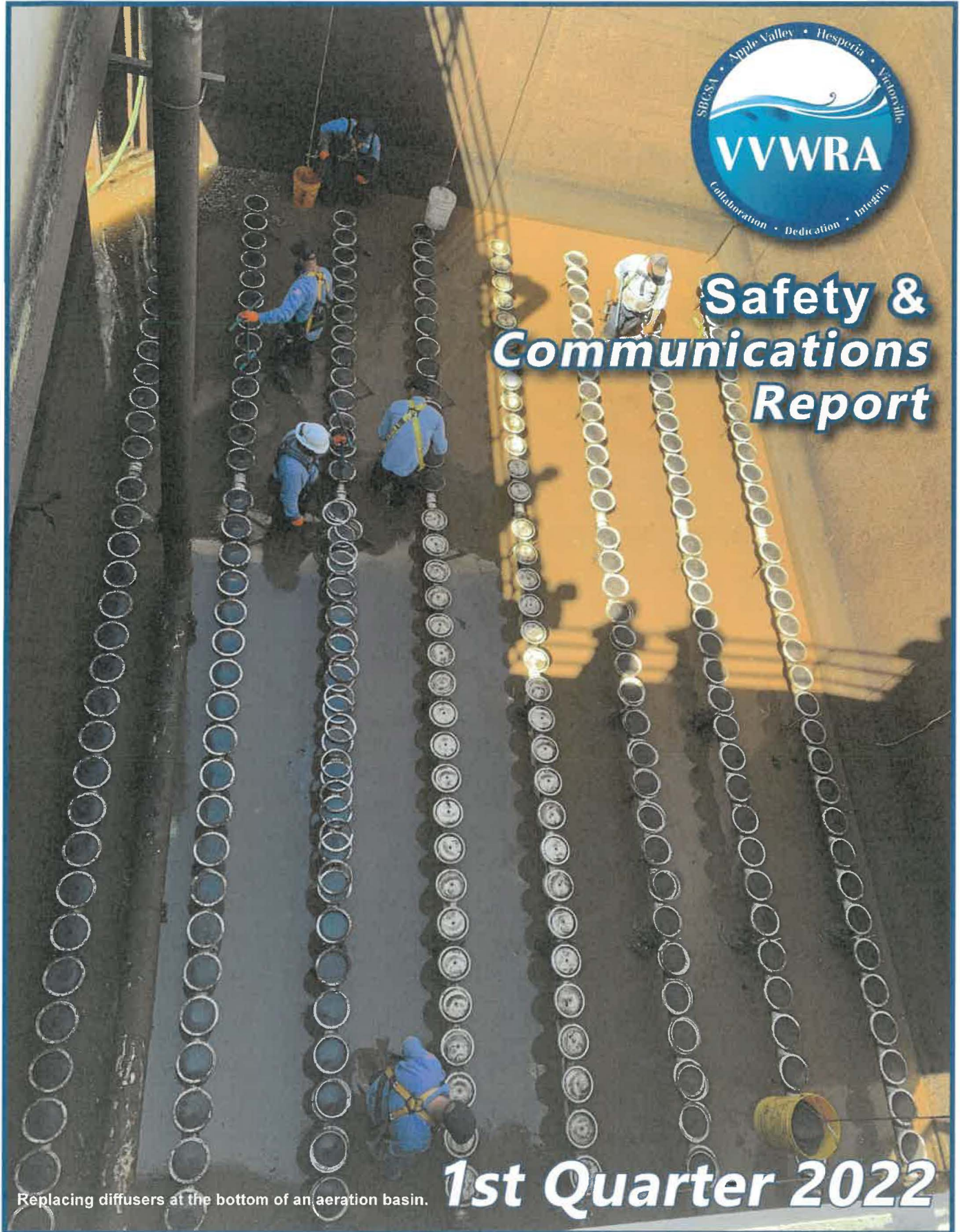
FOG/ADM rate per Gallon: \$ 0.05

Receiving invoices

ID No	Septage/FOG/ADM Hauler	Total Gallons	Invoice Amount
ABS000	Absolute Pumping	88,000	\$8,236.80
ALP000	Alpha Omega Septic Service	538,006	\$50,357.36
BUR000	Burns Septic	392,000	\$36,691.20
CIS000	Cisneros Bros Plumbing		\$
HIT000	Hitt Plumbing		\$
HON001	Honest Johns Septic Service, Inc	226,012	\$21,154.72
ROT001	T.R. Stewart Corp. dba Roto-Rooter	559,892	\$52,405.89
SEP005	Septic Control		\$
USA000	USA Septic	207,200	\$19,393.92
ALP002	Alpha Omega Septic Service	123,712	\$6,185.60
COW000	Co-West Commodities	0	\$0
FIN001	Finley Industrial Services	502,900	\$25,145
HIT001	Hitt Plumbing	3,435	\$171.75
PRE001	PreZero US Services	272,700	\$13,635
SMC00	SMC Grease Specialist, Inc.	0	\$0
USL000	USL Parallel	398,300	\$19,915
	Totals		\$

Septage/FOG/ADM receiving payments:

ID No	Business Name	Payments Received
ABS000	Absolute Pumping	\$9,484.20
ALP000	Alpha Omega Septic Service	\$32,183.70
BUR000	Burns Septic	\$50,169.60
CIS000	Cisneros Bros Plumbing	\$4,861.58
HIT000	Hitt Plumbing	\$6,282.42
HON001	Honest Johns Septic Service, Inc	\$18,913.95
ROT001	T.R. Stewart Corp. dba Roto Rooter	\$29,298.12
SEP005	Septic Control	\$14,470.09
USA000	USA Septic	\$16,716.96
ALP000	Alpha Omega Septic Service	\$2,327.30
COW000	Co-West Commodities	\$0
FIN001	Finely Industrial Services	\$5,250.00
HIT001	Hitt Plumbing	\$0
PRE01	PreZero US Services	\$0
SMC000	SMC Grease Specialist, Inc.	\$0
USL000	USL Parallel	\$24,500.64
Grand Total		\$214,458.56



Safety & Communications Report

Replacing diffusers at the bottom of an aeration basin.

1st Quarter 2022



Safety

STAFF SAFETY TAILGATE TRAINING CONDUCTED

- Housekeeping 1-12-22
- First aid 1-19-22
- Preventing back injuries 1-26-22

- Chemical precautions Pt 1 2-2-22
- Chemical precautions Pt 2 2-9-22
- Spill kits 2-16-22
- Radio communication 2-23-22

- Proper safety attitude 3-2-22
- SORT-stop, observe, recognize 3-9-22
- Ladder safety 3-16-22
- What to do in crash 3-23-22
- Back safety 3-30-22





Safety

Safety Events/ Training

- Safety tailgates
- Daily, weekly and monthly plant inspections
- Staff has been assigned online safety courses
- In-person front end loader training
- Lock out/tag out training
- First aid/CPR training
- Safety Officer -Safety Management 2 course
- Monthly safety committee meetings

Unsafe Conditions Reported/Resolved

Date of last recordable accident/injury: October 8th, 2021

Days since last recordable accident/injury:

174 Days as of 3/31/22



Safety

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

- Safety Tailgates will be conducted weekly
- Safety Committee meeting
- Online training
- Fit and hearing test
- Fire extinguisher training
- Forklift training

Outreach

- New Winter edition of the Purple Pipe newsletter released.
- RNG ceremony and press release.
- In-person plant tours resumed.

Media Coverage

- Renewable Natural Gas Facility Commissioned - Daily Press - 1-27-22
- Renewable natural gas facility goes online in Victorville - HD Daily News - 1-27-22
- Anaergia Commissions Wastewater RNG in California - Bioenergy Insight - 1-24-22



Renewable Natural Gas Project Commissioning

VWRA, SWG and Anaergia form Public Private Partnership



VWRA Board of Commissioners Chairman Bill Holland and VWRA General Manager Darron Poulsen, joined by elected officials and representatives from Anaergia and Southwest Gas, cut the ribbon on the new renewable natural gas project.

Representatives from the Victor Valley Wastewater Reclamation Authority, SoCal Biomethane (a subsidiary of Anaergia Inc.) and Southwest Gas officially commissioned operations January 21st on a renewable natural gas (RNG) facility on the grounds of VWRA.

The new facility will convert raw biogas (methane) made from anaerobically digested food waste along with municipal sewage from VWRA's wastewater treatment process, to create pipeline quality RNG. The RNG is expected to be injected into the Southwest Gas system in the coming weeks. Once in production, the facility could divert more than 6,000 metric tons of methane, which is equivalent to 1.5 million CO₂ tons, per year. VWRA will be the first wastewater treatment plant in California to inject renewable natural gas made from both wastewater solids and food waste into a utility pipeline.

"This simple idea has many benefits", said VWRA General Manager Darron Poulsen. "Now there's less food waste going to landfill, which means reduced landfill methane emissions. It also means we are able to produce more biogas, so we can send RNG to the gas grid, replacing the fossil fuel with a carbon negative fuel."

The new facility will assist municipalities in complying with California's Senate Bill 1383 regulations, which require every municipality to divert residents' and businesses' food and other organic waste from landfills, with the goal of reducing the amount of organic waste landfilled by 75% by 2025.

"Under Senate Bill 1383, every California municipality must now find a way to reduce food waste and other organic waste going to landfills. requirements efficiently."

Continued on page 2



The RNG conditioning facility where methane or biogas is converted into renewable natural gas.



Page 2

RNG Partnership cont.



The renewable natural gas project is a public-private partnership between VVWRA, Anaergia Inc., and Southwest Gas. Pictured from left to right, Yaniv Scherson, COO of Anaergia, Richard Corey, Executive Director of the California Air Resources Board, Darron Poulsen, GM of VVWRA and Brad Harris, Southwest Gas VP of California and Northern Nevada Divisions.

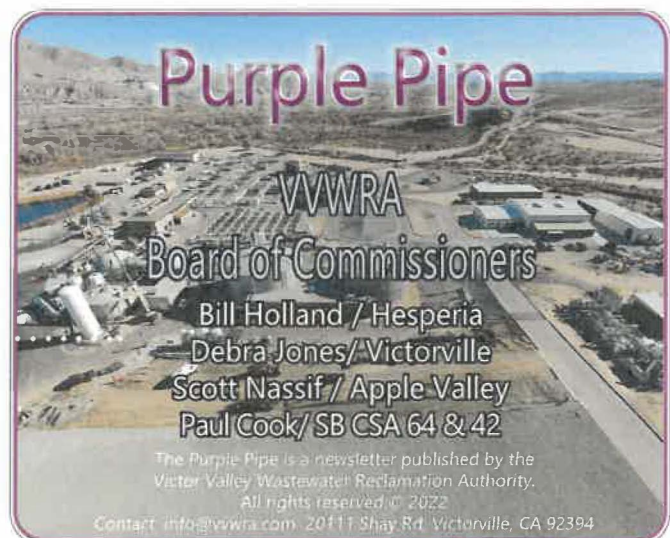
Continued from page 1

"Anaergia offers a unique set of technologies that convert existing infrastructure at wastewater treatment plants into highly efficient systems capable of treating both wastewater residual solids as well as food waste," said Andrew Benedek, Chairman and CEO of Anaergia. "In this way, existing infrastructure can be extended to serve new California requirements in a very efficient way. The net result is beneficial to all concerned, as it lowers the cost of operating a wastewater plant, helps the municipality meet the organic waste disposal requirements, and helps our planet by creating carbon-negative fuel. Our partnership with VVWRA is an example for the entire state on how to solve the current requirements efficiently"

According to Southwest Gas President and CEO John Hester, the facility will add more than 320,000 MMBTU of renewable natural gas (RNG) to the pipeline each year, enough to offset the emissions of more than 2,000 homes.

"There's great demand for this carbon-negative fuel, especially for heavy-duty trucks, and that results in far cleaner air for San Bernardino County's transportation corridors," said Hester.

"The renewable natural gas being created here will generate a clean carbon-negative transportation fuel significantly contributing to California's decarbonization strategy while supporting California clean tech jobs," said Richard Corey, Executive Director of the California Air Resources Board, the agency tasked with reducing air pollution in the state.





A closer look at the Waste to RNG Program



Truck delivers food waste to digesters.



Pipeline transports biogas.



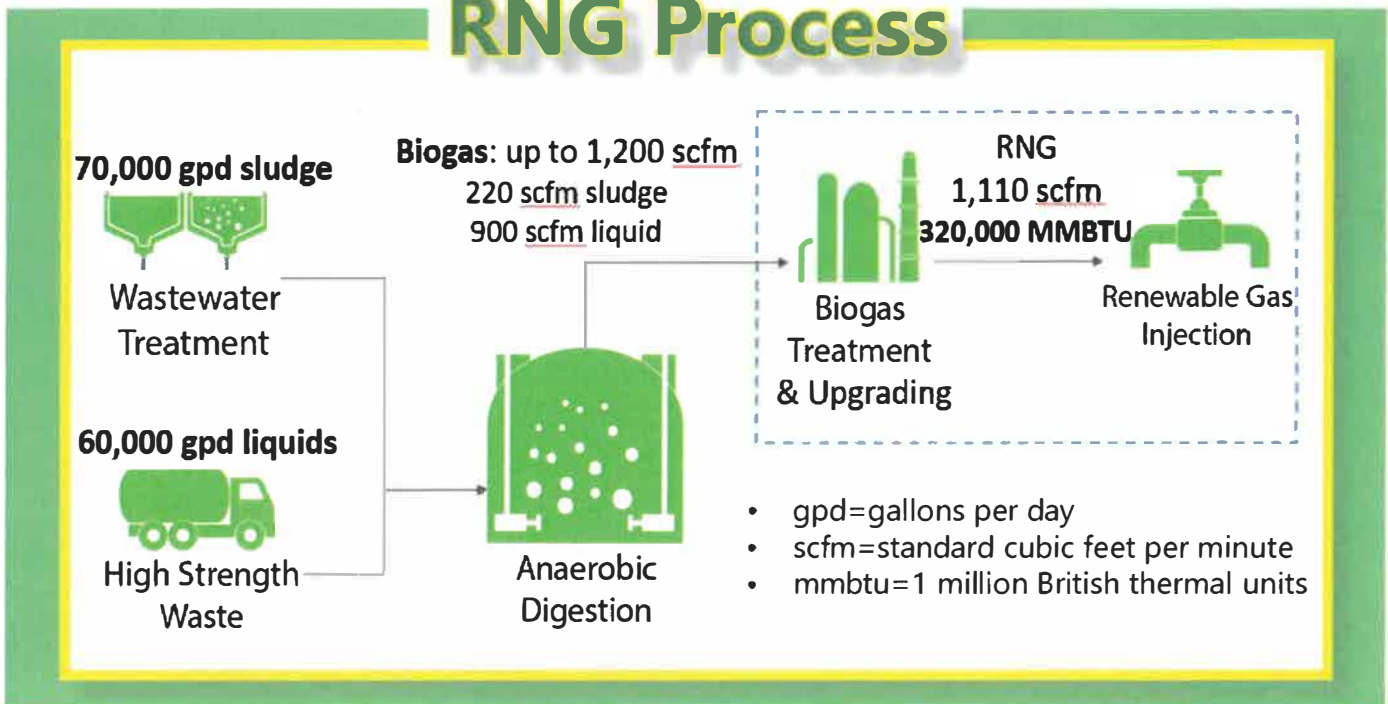
Gas is scrubbed and pressurized to become RNG.



RNG is injected into a Southwest Gas pipeline.

Treating food waste has different challenges compared to regular wastewater. Typical municipal sewage contains 1-3% total solids (solids suspended in the water) while food waste can be up to 15-20% total solids. Also, municipal waste is around 80-85% volatile solids (easily digestible organic material), while food waste is 97-99% volatile solids. The number of volatile solids in wastewater is frequently used to describe the strength of the waste. The more volatile solids present in wastewater, the stronger that wastewater is. In turn, food waste digests much quicker and produces much more biogas. VVWRA is utilizing our original three digesters which are 330,000 gallons each to solely digest food waste. Our two larger 1.2-million-gallon digesters are only being used for digesting municipal sludge, waste biology from the BNR process (biological nutrient removal), and FOG (fats, oil and grease). This separation of feed stock is to maximize the credits that will be received for the gas. Food waste gas is much more valuable than municipal waste gas. Combined, VVWRA's digestion system is expected to produce 1200SCFM (standard cubic feet per minute) of biogas. Digesters 1-3 will produce 1000 SCFM of the more valuable food waste biogas, while digesters 4 and 5 will produce around 200SCFM of standard biogas. The collected biogas will be scrubbed, compressed, and injected into the Southwest Gas pipeline as renewable natural gas (RNG). VVWRA's new food waste to RNG program will help California meet the requirements of SB-1383 which calls for the diversion of 75% of organic materials from our landfills by 2025.

RNG Process





RNG Commissioning in Pictures

A number of state and local dignitaries spoke at the RNG Commissioning ceremony.



VWRA Commissioner and Hesperia Mayor Pro Tem Bill Holland.



VWRA Commissioner and Victorville Mayor Debra Jones.



VWRA Commissioner and Apple Valley Councilman Scott Nassif.



VWRA Commissioner Dakota Higgins.



Assemblyman Thurston "Smitty" Smith.



CA Air Resource Board Executive Officer Richard Corey.



Yaniv Scherson, COO of Anaergia.



Brad Harris, Southwest Gas VP of Northern Nevada and California.



RNG Commissioning in Pictures



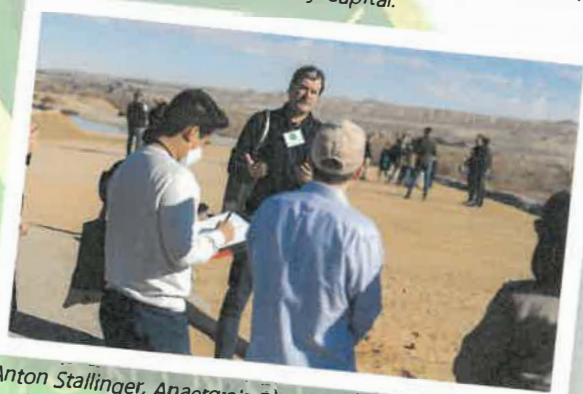
(l-r) Richard Corey, CA Air Resources Board, Melissa Bailey, Anaergia, Yaniv Scherson CCO of Anaergia, Assemblyman Thurston "Smitty" Smith.



(l-r) Lucy Fan, VP of North Sky Capital, Yaniv Scherson, COO of Anaergia, Darron Poulsen General Manager of VVWRA, Richard Corey, CA Air Resources Board, Adam Bernstein, Managing Director of North Sky Capital.



(l-r) Dr. Kimberly Cox, General Manager of Melendate CSD and Mojave Water Agency Board member and Hesperia Mayor Brigit Bennington.



Anton Stallinger, Anaergia's Director of Project Execution, leads a tour of the new facilities.



Guests tour the Anaergia gas conditioning facility.



Guests tour the Southwest Gas injection site.



RNG ceremony site.



Event program.



Flag adorns VVWRA digester.



Around the plant



VWRA wins 6 CWEA/DAMS Awards

CWEA The awards recognize excellence in a variety of areas in the wastewater industry.



E & I Technican Craig Taylor (l) won Electrical Instrumentation Person of the Year. Presented by CWEA President Arvind Akela.



Senior Operator Miguel Mendoza (l) won Operator of the Year. Presented by Operations Supervisor Andrew Henriquez.



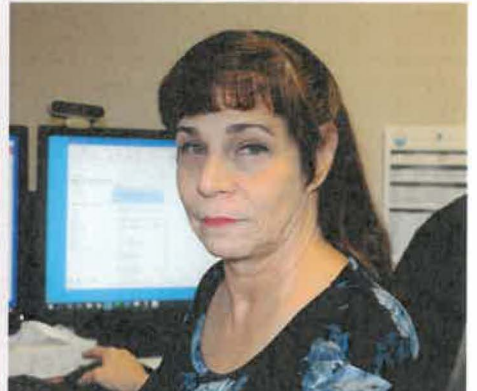
Maintenance Mechanic Richard Swtazell won Mechanical Technician of the Year.



EC Inspector Robert Townsend (l) accepts the Engineering Achievement Award for the Desert Knolls Interceptor Project. Presented by CWEA President Arvind Akela.



General Manager Darron Poulsen accepts the Research Achievement Award for VWRA's Interceptor Risk Analysis. Presented by CWEA President Arvind Akela.



Accounting Technician Anne Mazzerella won Administrative Support Person of the Year.

Welcome to VWRA!



Alfredo Garibay
Operations Intern



Allen Dorado
Maintenance Intern



Chase Cottrell
Operations Intern



This 'n that

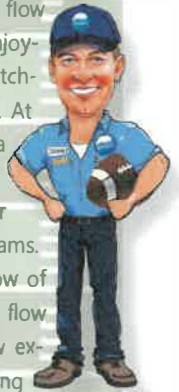
VWRA.com gets a new look!



VWRA's website VWRA.com has gotten a makeover with a new design and color scheme. The new website makes it easier for visitors to navigate things like job opportunities, agendas, RFP's, news and more.

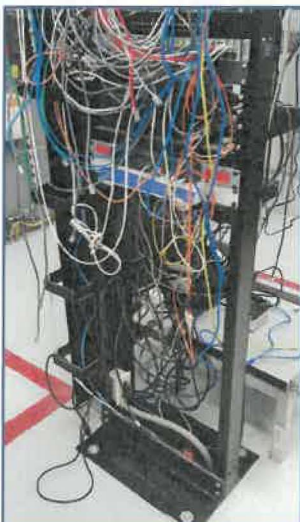
Super Bowl = Super Flow

Super Bowl Sunday is one of the highest flow days of the year at VWRA. While you're enjoying the big game, the staff at VWRA is watching sewer flows increase as much as 30%. At halftime, the flow can actually double for a short period of time. "It's one of the most stressful days of the year for a wastewater worker", said Plant Superintendent Brad Adams. In 2021, VWRA averaged a daily max flow of around 14 million gallons of wastewater flow (MG), but on Super Bowl Sunday, the flow exceeded 18 (MG). This year, we were preparing for more than 20 (MG). Our regional plant has a permitted 14 million gallons per day (MGD) treatment capacity. With a flow spike this high, VWRA will be right at the edge of the treatment capacity and any extra wastewater must be stored in equalization basins until the flow drops overnight. So next time you flush during the game, think of us at VWRA.



Network Modernization

Over the past 20 years, VWRA has seen unprecedented growth in the assets we manage. VWRA now owns and operates three reclamation plants (the main plant in Victorville and two subregionals in Hesperia and Apple Valley) and three lift stations, which pump wastewater flow when gravity cannot be used. The information technology (IT) network is essential in making these facilities operate properly and safely. The IT network infrastructure needed to be upgraded and modernized to support the growth we have seen.



Network rack before



After

As part of the Network Stabilization and Modernization Project, VWRA has awarded a contract to Netgain Networks Inc. to perform the needed upgrades. They are redesigning VWRA's core IT network to meet the latest industry standards.

The upgrades are designed to improve performance and reliability and to meet the EPA's cybersecurity best practices for the wastewater sector. The project is expected to be completed at the end of June, 2022.



The Back Side...

Chili Champ



Congratulations to Maintenance Mechanic David Sharp who won the first VVWRA Employee Chili Cook-off beating out five other competitors. David's winning homemade recipe includes a secret combination of bacon grease and coffee.

Stunning sunrise



Photo by James Pasieka

A brilliant High Desert morning overlooking the aeration basins at VVWRA.

Twin sons of different mothers?



Many of us at VVWRA have to do a double take when looking at Operator Kalin Westover (r) and Operations Intern Chase Cottrell. They swear they're not related.



BRUSSELS
5-6 JULY 2022
Bringing biomass markets closer

JAN 24, 2022

Anaergia commissions wastewater RNG plant in California

Anaergia's subsidiary, SoCal Biomethane, has commissioned operations at the Victor Valley Wastewater Reclamation Authority (VWVRA) in California.

The facility in Victorville is the first wastewater treatment plant in California to inject RNG made from wastewater solids and food waste into a utility pipeline.

SoCal Biomethane upgraded VWVRA's existing wastewater treatment plant, retrofitting existing anaerobic digesters with Anaergia's high-throughput, high-efficiency Omnivore technology and Anaergia's biogas conditioning and upgrading technology package that produces pipeline-quality RNG.

These additional technologies allow the facility to not only process wastewater but also take in food waste collected by the region's waste hauliers. The plant will be able to produce and inject up to 320,000 MMBtu of RNG into the region's gas utility pipeline annually.



"Under Senate Bill 1383, every California municipality must now find a way to reduce food waste and other organic waste going into landfills," said Andrew Benedek, chairman and CEO of Anaergia.

"Anaergia offers a unique set of technologies that convert existing infrastructure at wastewater treatment plants into highly efficient systems capable of treating both wastewater residual solids as well as food waste.

"In this way, existing infrastructure can be extended to serve new California requirements in a very efficient way. The net result is beneficial to all concerned, as it lowers the cost of operating a wastewater plant, helps the municipality meet the organic waste disposal requirements, and helps our planet by creating carbon-negative fuel.

"Our partnership with VWVRA is an example for the entire state on how to solve the current requirements efficiently."

Richard Corey, executive officer of the California Air Resources Board, commented: "The RNG being created here will be used as a carbon-negative transportation fuel to displace petroleum and help California achieve its clean air and climate goals while supporting California clean tech jobs."

Anaergia delivered this project as a public-private-partnership building this state-of-the-art infrastructure with financing partners North Sky Capital and Live Oak Bank, construction partner W.M. Lyles, and gas utility partner Southwest Gas.

LATEST NEWS

BIOGAS NEWS

Jan 25, 2022

BIOMASS NEWS

Jan 25, 2022

Grolsch to produce biomethane using Host's technology

Dutch brewery Grolsch will produce biomethane using Host's

Ingeteam to provide O&M services for Galician biomass plant

https://www.hddailynews.com/news/local/renewable-natural-gas-facility-goes-online-in-victorville/article_712eec46-7fce-11ec-b352-0769099bec3d.html

Renewable natural gas facility goes online in Victorville

Digital Staff
Jan 27, 2022

Representatives from the Victor Valley Wastewater Reclamation Authority, SoCal Biomethane (a subsidiary of Anaergia Inc.) and Southwest Gas officially flipped the switch on for operations on a renewable natural gas facility on the grounds of VVWRA. The site will remain in testing for the next 40 days, however, officials expect the facility to be progressively efficient.

The new facility will convert raw biogas made from anaerobically digesting food waste along with municipal sewage from VVWRA's wastewater treatment process, to create pipeline quality RNG. The RNG is expected to be injected into the Southwest Gas system in the coming weeks. Once in production, the facility could divert more than 6,000 metric tons of methane, which is equivalent to 1.5 million CO₂ tons, per year. This facility will be the first wastewater treatment plant in California to inject renewable natural gas made from both wastewater solids and food waste into a utility pipeline.



VWRA's Brandon Talley watches as the first load of food waste is pumped into the digesters.

The new facility will assist municipalities in complying with California's **Senate Bill 1383** regulations, which require every municipality to divert residents' and businesses' food and other organic waste from landfills, with the goal of reducing the amount of organic waste landfilled by 75% by 2025.

"Under Senate Bill 1383, every California municipality must now find a way to reduce food waste and other organic waste going to landfills. Anaergia offers a unique set of technologies that convert existing infrastructure at wastewater treatment plants into highly efficient systems capable of treating both wastewater residual solids as well as food waste," said Andrew Benedek, Chairman and CEO of Anaergia. "Our partnership with VWRA is an example for the entire state on how to solve the current requirements efficiently."

"This simple idea has many benefits", said VWRA General Manager Darron Poulsen. "Now there's less food waste going to landfill, which means reduced landfill methane emissions. It also means we are able to produce more biogas, so we can send RNG to the gas grid, replacing the fossil fuel with a carbon negative fuel."

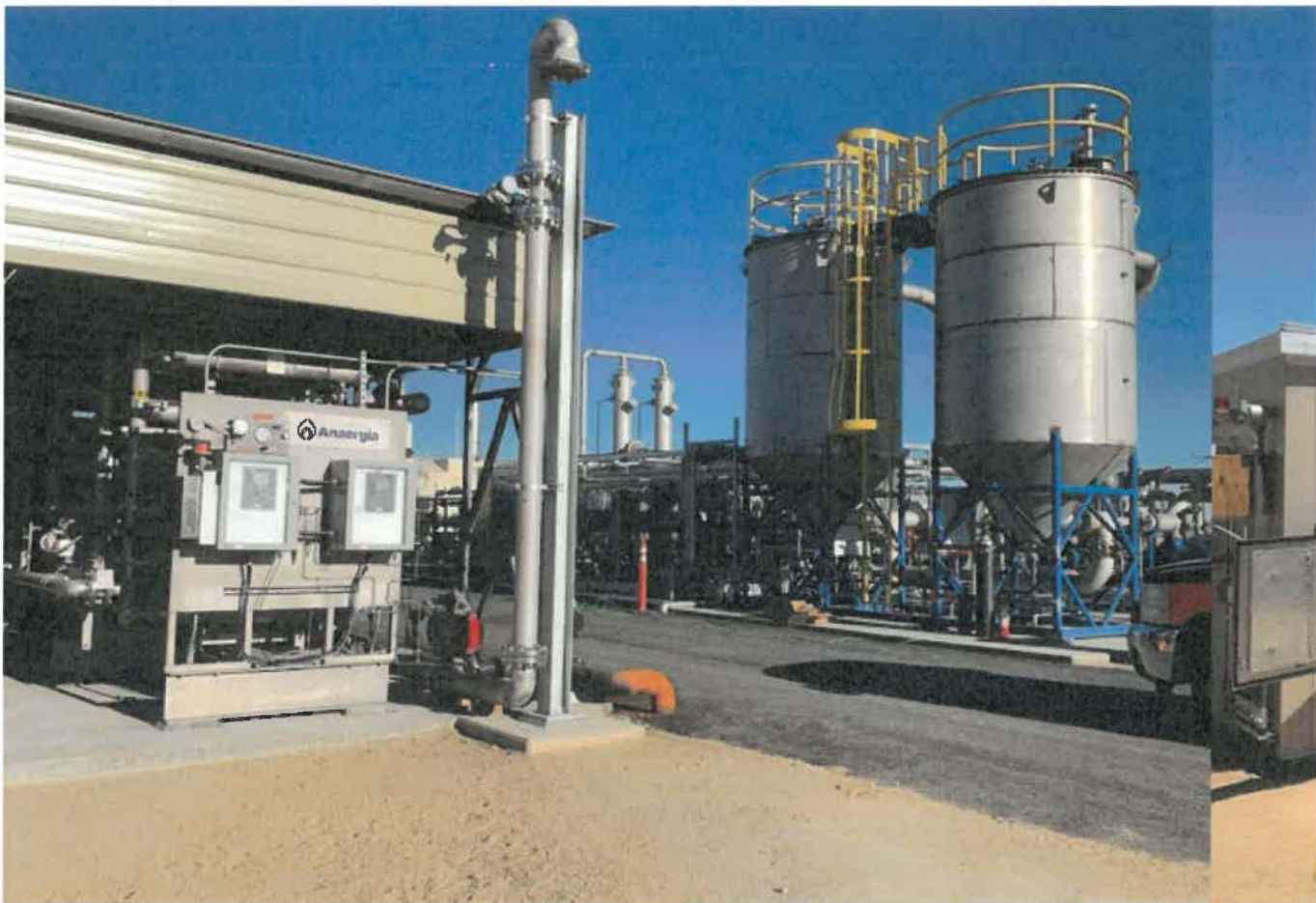
According to Southwest Gas President and CEO John Hester, the facility will add more than 320,000 MMBTU of renewable natural gas (RNG) to the pipeline each year, enough to offset the emissions of more than 2,000 homes.

“There’s great demand for this carbon-negative fuel, especially for heavy-duty trucks, and that results in far cleaner air for San Bernardino County’s transportation corridors,” said Hester.

“The renewable natural gas being created here will generate a clean carbon-negative transportation fuel significantly contributing to California’s decarbonization strategy while supporting California clean tech jobs,” said Richard Corey, Executive Director of the California Air Resources Board, the agency tasked with reducing air pollution in the state.

Pictures of the renewable natural gas process

1 of 2



Biogas treatment facility

Biogas treatment facility where methane or biogas is scrubbed (cleaned) and converted to RNG.

RNG inj

This is the

DAILY PRESS

NEWS

First renewable natural gas facility in California commissioned in Victorville



Rene Ray De La Cruz

Victorville Daily Press

Published 12:10 p.m. PT Jan. 27, 2022 | Updated 12:12 p.m. PT Jan. 27, 2022

Representatives from the Victor Valley Wastewater Reclamation Authority commissioned operations on a renewable natural gas facility in Victorville.

During the ceremony, VVWRA officials were also joined in the commissioning by representatives of Southwest Gas and SoCal Biomethane, which is a subsidiary of Anaergia Inc.

“I’m thankful to serve on the VVWRA Board during its remarkable collaboration with Anaergia and Southwest Gas,” said Victorville Mayor Debra Jones.

All three organizations are to be applauded for their ingenuity in creating the natural gas project, said Jones, who added the commitment to implement green energy initiatives would benefit the High Desert region for years to come.

Other attendees at the ceremony on Jan. 21 included Assemblyman Thurston "Smitty" Smith; members of the State of California Air Resources Board; and council members from Apple Valley, Barstow and Hesperia.

The new project will include methane coming from the local waste treatment process, which will be collected, cleaned and pressurized to natural gas standards before being injected into an SWG pipeline that runs through the VVWRA plant located east of the Southern California Logistics Airport.

VVWRA is California's first wastewater treatment plant to inject renewable natural gas made from both wastewater solids and food waste into a utility pipeline, VVWRA officials said.

The RNG is expected to be injected into the Southwest Gas system in the coming weeks. Once in production, the facility could divert more than 6,000 metric tons of methane, equivalent

to 1.5 million CO₂ tons, per year.

VVWRA will be the first wastewater treatment plant in the state to inject renewable natural gas made from both wastewater solids and food waste into a utility pipeline.

The new facility will assist municipalities in complying with California's Senate Bill 1383 regulations, which require every municipality to divert food and businesses and other organic waste from landfills to reduce the amount of organic waste landfilled by 75% by 2025.

"Under Senate Bill 1383, every California municipality must now find a way to reduce food waste and other organic waste going to landfills. Anaergia offers a unique set of technologies that convert existing infrastructure at wastewater treatment plants into highly efficient systems capable of treating both residual wastewater solids as well as food waste," said Anaergia Chairman/CEO Andrew Benedek. "Our partnership with VVWRA is an example for the entire state on how to solve the current requirements efficiently."

"This simple idea has many benefits," said VVWRA General Manager Darron Poulsen. "Now there's less food waste going to landfill, which means reduced landfill methane emissions. It also means we can produce more biogas, so we can send RNG to the gas grid, replacing the fossil fuel with a carbon-negative fuel."

According to Southwest Gas President and CEO John Hester, the facility will add more than 320,000 MMBTU of RNG to the pipeline each year, enough to offset the emissions of more than 2,000 homes.

"There's great demand for this carbon-negative fuel, especially for heavy-duty trucks, and that results in far cleaner air for San Bernardino County's transportation corridors," said Hester.

"The renewable natural gas being created here will generate a clean carbon-negative transportation fuel significantly contributing to California's decarbonization strategy while supporting California clean-tech jobs," said Richard Corey, Executive Director of the California Air Resources Board, the agency tasked with reducing air pollution in the state.

Daily Press reporter Rene Ray De La Cruz may be reached at 760-951-6227 or RDeLaCruz@VVDailyPress.com. Follow him on Instagram @RenegadeReporter and Twitter @DP_ReneDeLaCruz.