

AGENDA

**REGULAR MEETING OF THE BOARD OF COMMISSIONERS
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (VWVRA)
Victorville City Hall – Conference Room “D”, 14343 Civic Drive, Victorville, CA
92392
Phone: (760) 246-8638**

**MEETING DATE: Thursday, August 15, 2019 TIME: 7:30 AM (Closed Session)
8:30 AM (Regular Session)**

CALL TO ORDER

PUBLIC COMMENTS – CLOSED SESSION AGENDA

CLOSED SESSION

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 8:00 a.m.. If the matters discussed in closed session require additional time beyond 9:00 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.

CONFERENCE WITH LEGAL COUNSEL- (Gov. Code Sec. 54954.5-54956.9(d)):

1. Flow Diversion

CONFERENCE WITH LEGAL COUNSEL-PUBLIC EMPLOYEE NEGOTIATION (Gov. Code Sections 54957(b)(1)):

CONFERENCE WITH LEGAL COUNSEL-POTENTIAL LITIGATION (Gov. Code Sec. 54956.9(d)):

2. Threatened or Potential Litigation- Upper Narrows Project

3. Threatened or Potential Litigation- Lahontan- NPDES Permit Negotiations

CONFERENCE WITH LEGAL COUNSEL—EXISTING LITIGATION- (Gov. Code Sec. 54956.9 (1)(D)):

4. Valles v. VWVRA, Case No. CIVDS 1822066

CONFERENCE WITH LEGAL COUNSEL-PUBLIC EMPLOYEE APPOINTMENT (Gov. Code Sec. 54957):

5. General Manager

REGULAR SESSION

CALL TO ORDER & PLEDGE OF ALLEGIANCE

REPORT FROM CLOSED SESSION

PUBLIC COMMENTS – REGULAR SESSION AGENDA

ANNOUNCEMENTS AND CORRESPONDENCE:

- 6. Possible conflict of interest issues**
- 7. General Manager's Update**

CONSENT CALENDAR:

- 8. Approve July 2019 Disbursement Registers**
- 9. Approve Minutes from the July 18, 2019 Regular Meeting**

PRESENTATION:

- 10. Rate Study- Raftelis**

PUBLIC HEARING:

- 11. First Reading of Ordinance 001**

ACTION & DISCUSSION ITEMS:

- 12. Recommendation to Approve Release of Bid for PLC's Replacement Project**
- 13. Recommendation to Approve Sole Source Replacement of Blowers 2, 3 and Master PLC**

STAFF/PROFESSIONAL SERVICES REPORTS:

- 14. Financial and Investment Report – July 2019**

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- 15. Operations & Maintenance Report – July 2019**
- 16. Environmental Compliance Department Reports – July 2019**
- 17. Septage Receiving Facility Reports – July 2019**
- 18. Safety & Communications Report – July 2019**

NEXT VVWRA BOARD MEETING:

Thursday, September 19, 2019 - Regular Meeting of the Board of Commissioners

FUTURE AGENDA ITEMS

USDA Loan and Grant for the Oro Grand Interceptor Project

Second Public Hearing for Ordinance 001

COMMISSIONER COMMENTS

CLOSED SESSION (If Closed Session is continued as set forth above)

ADJOURNMENT

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Agenda Posting: In accordance with the requirements of California 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.

Items Not Posted: 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 in compliance with Section 54954.2(b) 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.

Public Comments: Any member of the public may address the Board of Commissioners on specific agenda items or matters of general interest. As determined by the Chair, speakers may be deferred until the specific item is taken for discussion and remarks may be limited to five minutes. 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.

Matters of Interest addressed by a member of the public and not listed on this agenda cannot have action taken by the Board of Commissioners except as authorized by Section 54954.2(b). If you wish to speak, please complete a Speaker's Form (located at the table in the lobby outside of the Board Room) and give it to the Board Secretary prior to the start of the meeting.

If any individual wishes to challenge an action of the Commission in court, he or she may be limited to raising those issues that were raised at the public hearing pertaining to the Commission's actions, or in any written correspondence delivered to the Commission on or prior to the public hearing.

Consent Calendar: 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.

The Chair will determine if any items are to be deleted from the Consent Calendar.

Items Continued: Items may be continued from this meeting without further notice to a Committee or Board meeting held within five (5) days of this meeting per Government Code Section 54954.2(b)(3).

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 in accordance with Government Code Section 54955 (posted within 24 hours).

Accommodations for the Disabled: In compliance with the Americans with Disabilities Act (ADA), the Board of Commissioners Meeting Room is wheelchair accessible. If you require any special disability related accommodations, please contact the Victor Valley Wastewater Reclamation Authority Board Secretary's office at 760-246-2892 at least 72 hours prior to the scheduled meeting. Requests must specify the nature of the disability and the type of accommodation requested.



Victor Valley Wastewater Reclamation Authority
A Joint Powers Authority and Public Agency of the State of California

20111 Shay Rd. Victorville, CA 92394
 Telephone: (760) 246-8638
 Fax: (760) 948-9897

DATE: August 6, 2019

TO: Brian Macy
 Interim General Manager

FROM: Chieko Keagy
 Controller *ck*

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 JULY 2019, check numbers 122612-122662 and ACH's.

<i>Accounts Payable</i>			
<i>Checks</i>	<i>ACH's and EFT's</i>	<i>Payroll</i>	<i>Total</i>
<i>\$64,556.92</i>	<i>\$424,116.55</i>	<i>\$237,968.98</i>	<i>\$726,642.45</i>

Victor Valley Reclamation Authority
Cash Disbursement Register
From 7/1/19 through 7/31/19

Check Number	Check Date	Vendor Name	Check Amount
122612	7/1/2019	American Organics	\$ 112.47
122613	7/1/2019	SULZER ELECTRO-MECHANICAL SERVICES INC	\$ 620.00
122614	7/1/2019	City Employees Associates	\$ 25.00
122615	7/1/2019	James Cox	\$ 100.00
122616	7/1/2019	HI-DESERT WINDOW WASHING	\$ 300.00
122617	7/1/2019	HIGH DESERT LOCK & SAFE	\$ 579.34
122618	7/1/2019	KONICA MINOLTA BUSINESS SOLUTIONS	\$ 377.93
122619	7/1/2019	ORKIN	\$ 150.00
122620	7/1/2019	PRUDENTIAL OVERALL SUPPLY	\$ 539.82
122621	7/1/2019	Johnson Controls Fire Protection LP	\$ 1,414.41
122622	7/1/2019	UNITED RENTALS NORTHWEST, INC	\$ 1,264.39
122623	7/1/2019	VERIZON WIRELESS	\$ 1,966.22
122623	7/1/2019	VERIZON WIRELESS	\$ 216.92
122624	7/1/2019	CITY OF VICTORVILLE / SANITATION	\$ 5,647.62
122625	7/3/2019	DAILY PRESS	\$ 2,254.35
122626	7/3/2019	HERITAGE VICTOR VALLEY MEDICAL GROUP	\$ 30.00
122627	7/3/2019	HI DESERT FIRE PROTECTION INC	\$ 420.49
122628	7/3/2019	HIGH DESERT LOCK & SAFE	\$ 913.25
122628	7/3/2019	HIGH DESERT LOCK & SAFE	\$ 95.00
122628	7/3/2019	HIGH DESERT LOCK & SAFE	\$ 4,010.59
122629	7/3/2019	INDUSTRIAL HEARING & PULMONARY MANAGEMENT	\$ 3,455.00
122630	7/3/2019	KUBE ENGINEERING	\$ 838.86
122631	7/3/2019	ORKIN	\$ 400.38
122632	7/3/2019	SPARKLETTS DRINKING WATER	\$ 1,819.16
122633	7/3/2019	Thurlow's Heating & A/C Inc.	\$ 170.00
122634	7/3/2019	UNITED RENTALS NORTHWEST, INC	\$ 755.00
122634	7/3/2019	UNITED RENTALS NORTHWEST, INC	\$ (250.00)
122635	7/3/2019	CITY OF VICTORVILLE	\$ 250.00
122636	7/3/2019	Cintas Corporation	\$ 512.30
122637	7/10/2019	LIBERTY UTILITIES- APPLE VALLEY RANCHOS WATER	\$ 629.89
122637	7/10/2019	LIBERTY UTILITIES- APPLE VALLEY RANCHOS WATER	\$ 50.98
122637	7/10/2019	LIBERTY UTILITIES- APPLE VALLEY RANCHOS WATER	\$ 94.38
122638	7/10/2019	ATMOSPHERIC ANALYSIS AND CONSULTING, INC	\$ 1,385.00
122639	7/10/2019	CED	\$ 540.91
122640	7/10/2019	Edenbros, LLC	\$ 161.92
122641	7/10/2019	FACILITIES ENGINEERING	\$ 101.00
122641	7/10/2019	FACILITIES ENGINEERING	\$ 181.00
122642	7/10/2019	Flyers Energy, LLC	\$ 1,733.72
122643	7/10/2019	G.A. OSBORNE PIPE & SUPPLY	\$ 1,757.75
122644	7/10/2019	JPR SYSTEMS, INC.	\$ 185.42
122645	7/10/2019	Luhdorff and Scalmanini Consulting Engineers, Inc.	\$ 3,351.00
122646	7/10/2019	MOTION INDUSTRIES, INC.	\$ 2,111.19
122647	7/10/2019	ORKIN	\$ 150.00
122648	7/10/2019	PARKHOUSE TIRE INC.	\$ 221.58
122649	7/10/2019	PRUDENTIAL OVERALL SUPPLY	\$ 548.19
122650	7/10/2019	QUANTUM LABS, INC	\$ 672.50
122651	7/10/2019	QUILL CORPORATION	\$ 124.98
122651	7/10/2019	QUILL CORPORATION	\$ 81.39
122651	7/10/2019	QUILL CORPORATION	\$ 113.03
122651	7/10/2019	QUILL CORPORATION	\$ 56.51
122651	7/10/2019	QUILL CORPORATION	\$ 1,519.82
122652	7/10/2019	ROTORK CONTROLS INC.	\$ 1,322.80
122653	7/10/2019	SWAINS ELECTRIC MOTOR SERVICE	\$ 1,987.24
122653	7/10/2019	SWAINS ELECTRIC MOTOR SERVICE	\$ 6,478.78

**Victor Valley Reclamation Authority
Cash Disbursement Register
From 7/1/19 through 7/31/19**

Check Number	Check Date	Vendor Name	Check Amount
122654	7/10/2019	Whitson CM	\$ 4,500.00
122655	07/11/2019	BATTERY MART	\$ 1,601.67
122656	07/11/2019	CED	\$ 212.54
122657	07/11/2019	G.A. OSBORNE PIPE & SUPPLY	\$ 78.44
122658	07/11/2019	HI DESERT FIRE PROTECTION INC	\$ 400.00
122659	07/11/2019	ORKIN	\$ 400.38
122660	07/11/2019	PONTON INDUSTRIES, INC.	\$ 2,155.00
122661	7/31/2019	DONNA ANTHONY	\$ 435.00
122662	7/31/2019	DAN SENTMAN	\$ 224.41
Total Checks			\$ 64,556.92
0041096-1	7/3/2019	AMERICAN EXPRESS	\$ 674.94
0041096-2	7/3/2019	BECK OIL, INC.	\$ 2,189.29
0041096-3	7/3/2019	CRANE PRO SERVICES	\$ 1,480.00
0041096-4	7/3/2019	CULLIGAN WATER CONDITIONING	\$ 502.90
0041096-5	7/3/2019	DELL INC.	\$ 1,019.88
0041096-5	7/3/2019	DELL INC.	\$ 1,109.34
0041096-6	7/3/2019	HACH COMPANY	\$ 962.64
0041096-6	7/3/2019	HACH COMPANY	\$ 2,007.48
0041096-7	7/3/2019	iLink Business Management	\$ 2,569.76
0041096-7	7/3/2019	iLink Business Management	\$ 2,569.76
0041096-8	7/3/2019	Quincy Compressor	\$ 586.63
0041096-9	7/3/2019	WEST COAST SAFETY SUPPLY	\$ 21,563.12
0041097	7/3/2019	Brad Adams	\$ 365.00
0041470-1	7/10/2019	2G Energy Inc.	\$ 7,703.97
0041470-10	7/10/2019	BABCOCK LABORATORIES, INC	\$ 2,828.00
0041470-10	7/10/2019	BABCOCK LABORATORIES, INC	\$ 6,018.20
0041470-11	7/10/2019	GRAHAM EQUIPMENT	\$ 22,000.00
0041470-12	7/10/2019	GRAINGER	\$ 567.19
0041470-12	7/10/2019	GRAINGER	\$ 409.00
0041470-12	7/10/2019	GRAINGER	\$ 868.31
0041470-13	7/10/2019	HACH COMPANY	\$ 109.15
0041470-13	7/10/2019	HACH COMPANY	\$ 830.23
0041470-14	7/10/2019	Lara Landscaping	\$ 5,350.00
0041470-15	7/10/2019	LARRY WALKER ASSOCIATES	\$ 1,603.00
0041470-15	7/10/2019	LARRY WALKER ASSOCIATES	\$ 2,069.00
0041470-16	7/10/2019	POLYDYNE INC.	\$ 4,416.24
0041470-16	7/10/2019	POLYDYNE INC.	\$ 8,832.48
0041470-17	7/10/2019	RAFTELIS	\$ 4,246.25
0041470-18	7/10/2019	Rockwell Solutions	\$ 3,036.83
0041470-19	7/10/2019	T-Mobile	\$ 119.00
0041470-2	7/10/2019	A.D.S. Corp.	\$ 15,600.00
0041470-20	7/10/2019	Tyler Technologies, Inc	\$ 1,625.00
0041470-20	7/10/2019	Tyler Technologies, Inc	\$ 168.75
0041470-21	7/10/2019	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA	\$ 52.67
0041470-21	7/10/2019	UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA	\$ 138.70
0041470-22	7/10/2019	U.S.A. BLUEBOOK	\$ 762.12
0041470-22	7/10/2019	U.S.A. BLUEBOOK	\$ 94.07
0041470-3	7/10/2019	All Covered	\$ 225.00
0041470-4	7/10/2019	BECK OIL, INC.	\$ 24.72
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 11,706.69
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 10,246.25

Victor Valley Reclamation Authority
Cash Disbursement Register
From 7/1/19 through 7/31/19

Check Number	Check Date	Vendor Name	Check Amount
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 23.57
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 842.40
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 2,592.00
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 3,758.40
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 3,596.40
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 388.80
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 2,008.80
0041470-5	7/10/2019	BEST, BEST & KRIEGER, L.L.P.	\$ 421.20
0041470-6	7/10/2019	Biogas Engineering	\$ 861.00
0041470-6	7/10/2019	Biogas Engineering	\$ 1,350.00
0041470-7	7/10/2019	CAROLLO ENGINEERS, A PROFESSIONAL CORPORATION	\$ 13,520.01
0041470-7	7/10/2019	CAROLLO ENGINEERS, A PROFESSIONAL CORPORATION	\$ 16,747.91
0041470-8	7/10/2019	CDW GOVERNMENT, INC	\$ 617.74
0041470-9	7/10/2019	COYLE SUPPLY, INC.	\$ 8,335.25
071119SWG	7/11/2019	SOUTHWEST GAS COMPANY	\$ 413.17
42402682	7/11/2019	HESPERIA WATER DISTRICT	\$ 8,476.02
9686184931	7/11/2019	Southern California Edison	\$ 49,418.50
20000	07/18/2019	Deloach & Associates, Inc	\$ 23,870.00
20001	07/31/2019	Southern California Edison	\$ 22,544.24
0041532-1	07/09/2019	ALLIANT INSURANCE SERVICES	\$ 7,002.00
0041532-2	07/09/2019	BECK OIL, INC.	\$ 21.05
0041532-3	07/09/2019	DAVIS ELECTRIC, INC	\$ 989.00
0041532-3	07/09/2019	DAVIS ELECTRIC, INC	\$ 3,955.00
0041532-3	07/09/2019	DAVIS ELECTRIC, INC	\$ 1,977.00
0041532-3	07/09/2019	DAVIS ELECTRIC, INC	\$ 25,499.00
0041532-3	07/09/2019	DAVIS ELECTRIC, INC	\$ 1,977.00
0041532-3	07/09/2019	DAVIS ELECTRIC, INC	\$ 1,267.00
0041532-3	07/09/2019	DAVIS ELECTRIC, INC	\$ 1,977.00
0041532-4	07/10/2019	PROTECTION ONE	\$ 871.83
0041532-5	07/10/2019	U.S.A. BLUEBOOK	\$ 237.70
0041532-6	07/10/2019	WALTERS WHOLESALE ELECTRIC	\$ 1,497.24
0041532-6	07/10/2019	WALTERS WHOLESALE ELECTRIC	\$ 878.08
0041532-6	07/10/2019	WALTERS WHOLESALE ELECTRIC	\$ 1,239.13
0041532-6	07/10/2019	WALTERS WHOLESALE ELECTRIC	\$ 3,409.21
0042615-1	07/30/2019	BILLINGS, RICHARD	\$ 435.00
0042615-2	07/30/2019	DARLINE GYURCSIK	\$ 224.41
0042615-3	07/30/2019	GILLETTE, RANDY	\$ 435.00
0042615-4	07/30/2019	L. CHRISTINA NALIAN	\$ 435.00
0042615-5	07/30/2019	LILLIE MONTGOMERY	\$ 163.37
0042615-6	07/30/2019	MARK MCGEE	\$ 435.00
0042615-7	07/30/2019	NAVE, PATRICK	\$ 435.00
0042615-8	07/30/2019	OLIN KENISTON	\$ 258.83
0042615-9	07/30/2019	PATRICIA J JOHNSON	\$ 187.74
19195920	07/10/2019	Lincoln Financial Group	\$ 54.66
19195921	07/10/2019	Lincoln Financial Group	\$ 3,358.01
0042615-10	07/30/2019	RANDY MAIN	\$ 435.00
0042615-11	07/30/2019	ROY DAGNINO	\$ 435.00
0042615-12	07/30/2019	TERRIE GOSSARD FLINT	\$ 258.83
0042615-13	07/30/2019	THOMAS HINOJOSA	\$ 435.00
0042615-14	07/30/2019	TIM DAVIS	\$ 435.00
DFT00036	07/19/2019	CALPERS	\$ 200.00
DFT00037	07/19/2019	CALPERS	\$ 3,305.00
DFT00038	07/19/2019	CALPERS	\$ 449.93
DFT00040	07/19/2019	CALPERS	\$ 440.57

**Victor Valley Reclamation Authority
Cash Disbursement Register
From 7/1/19 through 7/31/19**

Check Number	Check Date	Vendor Name	Check Amount
DFT00041	07/19/2019	CALPERS	\$ 1,383.46
DFT00043	07/19/2019	CALPERS	\$ 4,685.16
DFT00044	07/19/2019	CALPERS	\$ 6,338.41
DFT00045	07/19/2019	CALPERS	\$ 2,729.51
DFT00046	07/19/2019	CALPERS	\$ 3,050.48
DFT00048	07/19/2019	IRS	\$ 554.06
DFT00049	07/19/2019	IRS	\$ 3,494.00
DFT00050	07/19/2019	Employee Development Department	\$ 4,122.53
DFT00051	07/19/2019	IRS	\$ 12,833.70
DFT00052	07/19/2019	Employee Development Department	\$ 44.68
DFT00053	07/18/2019	CALIFORNIA STATE DISBURSEMENT UNIT	\$ 586.60
DFT00054	07/05/2019	CALIFORNIA STATE DISBURSEMENT UNIT	\$ 586.60
DFT00062	07/19/2019	CALPERS	\$ 218.35
DFT00064	07/19/2019	CALPERS	\$ 29.76
DFT00163	07/31/2019	CHARTER COMMUNICATIONS	\$ 4,849.66
DFT00164	07/31/2019	HESPERIA WATER DISTRICT	\$ 745.40
DFT00165	07/31/2019	KONICA MINOLTA BUSINESS SOLUTIONS	\$ 351.02
DFT00166	07/31/2019	SOUTHWEST GAS COMPANY	\$ 194.72
DFT00167	07/31/2019	STATE BOARD OF EQUALIZATION	\$ 2,408.00
DFT00168	07/31/2019	UPS	\$ 259.89
Total ACH & EFTs			\$ 424,116.55
Total Checks			\$ 64,556.92
Total ACH and EFT			\$ 424,116.55
Total Payroll - July 2019			\$ 237,968.98
Total			\$ 726,642.45

APPROVED
 080619

MINUTES OF A REGULAR MEETING
REGULAR MEETING OF THE BOARD OF COMMISSIONERS
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (VWVRA)
July 18, 2019

CALL TO ORDER: Chair Scott Nassif called the meeting to order at 8:05 AM; in Conference Room D at Victorville City Hall, located at 14343 Civic Drive, Victorville California, with the following members present:

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

Don Holland, Chair

Scott Nassif, Vice-Chair

Debra Jones, Secretary

Larry Bird, Treasurer

VWVRA Staff and Legal Counsel:

Brian Macy, Interim General Manager
Kristi Casteel, Secretary to GM/Board
Piero Dallarda, Legal Counsel (BB&K)
Chieko Keagy, Controller

David Wylie, Safety & Communications Officer
Xiewi Wang, Senior Accountant
Robert Townsend, Regulatory Inspector
Alton Anderson, Construction Manager

Others Present:

Doug Robertson Apple Valley
Nils Bentsen, City of Hesperia
Keith Metzler, City of Victorville

George Harris, City of Victorville
Carl Coleman, Mojave Water Agency
Logan Olds, Consultant

CLOSED SESSION

PUBLIC COMMENTS- CLOSED SESSION AGENDA

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

Commissioner Bird made a motion to enter into Closed Session. Seconded by Commissioner Jones.

REGULAR SESSION

CALL TO ORDER & PLEDGE OF ALLEGIANCE

Chair Nassif called the meeting to order at 9:00 AM.

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REPORT FROM CLOSED SESSION

Nothing to report

PUBLIC COMMENTS- REGULAR SESSION AGENDA

None

ANNOUNCEMENTS AND CORRESPONDENCE:

5. Possible conflict of interest issues

Chair Nassif will be abstaining from any disbursements to Napa Auto Parts on item 6

CONSENT CALENDAR:

6. Approve June 2019 Disbursement Registers

7. Approve Minutes from the June 20, 2019 Regular Meeting

Commissioner Holland made a motion to approve the consent calendar, seconded by Commissioner Jones and approved by roll call vote with Chair Nassif abstaining from any disbursements to Napa Auto Parts and Commissioner Bird abstaining from Item 7.

Chair Nassif: Yes

Commissioner Holland: Yes

Commissioner Jones: Yes

Commissioner Bird: Yes

REPORTS & PRESENTATIONS:

8. Presentation: 2019-2020 Budget (Keagy)

Chieko Keagy gave a presentation on the 2019-2020 Budget.

PUBLIC HEARING:

9. Adoption of Fiscal Year 2019-2020 Budget

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Chair Nassif opened the Public Hearing at 9:32 AM.

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

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

Chair Nassif closed the public hearing at 9:34 am

ACTION & DISCUSSION ITEMS:

10. Resolution 2019-10 Adopt FY 2019-2020 Budget

Chair Nassif made a motion to approve the recommendation with Option one, seconded by Commissioner Jones and approved by roll call.

Chair Nassif: Yes

Commissioner Holland: No

Commissioner Jones: Yes

Commissioner Bird: Yes

11. Recommendation to Approve Hesperia Lift Station Wet Well Pump Replacement

Commissioner Bird made a motion to approve the recommendation, seconded by Commissioner Jones and approved by roll call.

Chair Nassif: Yes

Commissioner Holland: Yes

Commissioner Jones: Yes

Commissioner Bird: Yes

12. Recommendation to Approve Agreement with DeLoach & Associates

Commissioner Bird made a motion to approve the recommendation, seconded by Commissioner Holland and approved by roll call.

Chair Nassif: Yes

VVWRA Regular Meeting Minutes
Thursday July 18, 2019
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Commissioner Holland: Yes

Commissioner Jones: Yes

Commissioner Bird: Yes

13. Election of Officers

Commissioner Bird made a motion to approve the recommendation, seconded by Commissioner Holland and approved by roll call.

Chair Nassif: Yes

Commissioner Holland: Yes

Commissioner Jones: Yes

Commissioner Bird: Yes

14. Resolution 2019- 13 Appreciation of Dedicated Service

Chair Nassif thanked Logan Olds for his dedication and his time to Victor Valley Wastewater.

Commissioner Jones made a motion to approve the recommendation, seconded by Commissioner Bird and approved by roll call.

Chair Nassif: Yes

Commissioner Holland: Yes

Commissioner Jones: Yes

Commissioner Bird: Yes

STAFF/PROFESSIONAL SERVICES REPORTS:

15. Financial and Investment Report – June 2019

16. Operations & Maintenance Report – June 2019

17. Environmental Compliance Department Reports – June 2019

18. Septage Receiving Facility Reports – June 2019

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19. Safety & Communications Report – June 2019

NEXT VVWRA BOARD MEETING:

Thursday, August 15, 2019 - Regular Meeting of the Board of Commissioners

FUTURE AGENDA ITEMS

USDA Loan and Grant for the Oro Grand Interceptor Project

COMMISSIONER COMMENTS

CLOSED SESSION (If Closed Session is continued)

ADJOURNMENT

APPROVAL:

DATE: August 15, 2019

BY:

Approved by VVWRA Board Larry Bird,
Secretary VVWRA Board of Commissioners



VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Report/Recommendation to the Board of Commissioners

August 15, 2019

FROM Brian Macy, Interim General Manager *BMA*
TO Board of Commissioners
SUBJECT First Reading and Eventual Adoption of Ordinance 001 Amendment

RECOMMENDATION

Staff recommends that the Board of Commissioners conduct the public hearing and first reading of Ordinance 001 Amendment. This is the first step in the process for final approval and adoption of the new rate schedule the Board of Commissioners has previously discussed based on the report provided by the rate consultant Raftelis. The second reading and adoption is currently scheduled for September 19, 2019.

REVIEW BY OTHERS

This recommendation was reviewed by Piero Dallarda Legal Counsel.

BACKGROUND INFORMATION

On July 18, 2019, the Board adopted Resolution 2019-10 and the Fiscal Year 2019-2020 Budget which included an 8% increase in user charges on October 1, 2019. This amendment to Ordinance 001 is consistent with Board direction and Resolution 2019-10. The consultant report suggested an increase of 25%, but the Board of Commissioners believes that some of the assumptions made in the report will no longer be applicable. Therefore, the Board of Commissioners will be approving a rate increase lower than the rate suggested by the consultant, but the Board has indicated that it may review the issue later on if the funds that are expected to be forthcoming do not become available as the Board currently contemplates. If the first and second reading proceed as scheduled, the increase will become effective on November 1, 2019.

FINANCIAL IMPACT

The financial impact will vary by Member Agency given that some of VVWRA member entities sometimes pass the increase through immediately and others do not. The newly proposed rate schedule is attached hereto as Table II.

RELATED IMPACTS

As a conclusion, it is believed that this rate increase along with the collection of uncollected revenue that is expected to be forthcoming will meet the debt coverage ratio of at least 1.2 (computed as net revenue divided by the debt service annual payment amount) to be in compliance with the State Revolving Fund loan agreements.

Table II: Fee Schedule

Victor Valley Wastewater Reclamation Authority Fee Schedule

Effective ~~October 1st 2019~~ July 1st 2014

Connection Fees: \$4000 per EDU*

User Charges: Unit Cost (\$/MG)

FY 17-18	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24
\$3,503	\$3,784	\$4,087	\$4,414	\$4,768	\$5,150

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High Strength Surcharges:

Refer to the attached worksheet for an example of the calculation used to determine the surcharge rate.

~~FY 13-14: \$2,528~~

- BOD \$/LB Applied to Concentrations above 200 mg/L
- TSS \$/LB Applied to Concentrations above 250 mg/L
- NH3 \$/LB Applied to Concentrations above 250 mg/L

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~~FY 14-15: \$2,756~~

- BOD \$/LB Applied to Concentrations above 200 mg/L
- TSS \$/LB Applied to Concentrations above 250 mg/L
- NH3 \$/LB Applied to Concentrations above 250 mg/L

~~FY 15-16: \$3,004~~

- BOD \$/LB Applied to Concentrations above 200 mg/L
- TSS \$/LB Applied to Concentrations above 250 mg/L
- NH3 \$/LB Applied to Concentrations above 250 mg/L

~~FY 16-17: \$3,274~~

- BOD \$/LB Applied to Concentrations above 200 mg/L
- TSS \$/LB Applied to Concentrations above 250 mg/L
- NH3 \$/LB Applied to Concentrations above 250 mg/L

~~FY 17-18: \$3,503~~

- BOD \$/LB Applied to Concentrations above 200 mg/L
- TSS \$/LB Applied to Concentrations above 250 mg/L
- NH3 \$/LB Applied to Concentrations above 250 mg/L

~~FY 15-16: \$3,004~~

- BOD \$/LB \$0.2754 Applied to Concentrations above 200
- TSS \$/LB \$0.2444 Applied to Concentrations above 250
- NH3 \$/LB \$3.4596 Applied to Concentrations above 250

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~~FY 16-17: \$3,274~~

- BOD \$/LB \$0.3002 Applied to Concentrations above 200
- TSS \$/LB \$0.2664 Applied to Concentrations above 250
- NH3 \$/LB \$3.7710 Applied to Concentrations above 250

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FY 17-18: \$3,503

BOD \$/LB **\$0.3212** Applied to Concentrations above 200

TSS \$/LB **\$0.2850** Applied to Concentrations above 250

NH3 \$/LB **\$4.0350** Applied to Concentrations above 250

FY 18-19: \$3,503

BOD \$/LB **\$0.3685** Applied to Concentrations above 200

TSS \$/LB **\$0.2470** Applied to Concentrations above 250

NH3 \$/LB **\$4.1368** Applied to Concentrations above 250

FY 19-20: \$3,784

BOD \$/LB **\$0.3685** Applied to Concentrations above 200

TSS \$/LB **\$0.2470** Applied to Concentrations above 250

NH3 \$/LB **\$4.1368** Applied to Concentrations above 250

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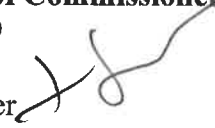
Septage Receiving Fee: \$.0936 per gallon

*EDU=Equipment Dwelling Unit (245 gallons/day or 20 fixture units)

**Victor Valley Wastewater Reclamation Authority
High Strength Surcharge
Example Worksheet**



VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Recommendation to the Board of Commissioners
 August 15, 2019

FROM: Latif Laari, Business Applications Manager 

TO: Brian Macy, Interim General Manager

SUBJECT: Approve Release of Bid for Programmable Logic Controller Replacement Project, Phase 1

RECOMMENDATION

It is recommended that the Board of Commissioners authorize the release of Bid for the Programmable Logic Controller Replacement Project, Phase 1. Phase 1 of this project includes the replacement, upgrade and/or the combination of five (5) programmable logic controllers (PLC) at the Regional Wastewater Reclamation Plant. The budgeted and estimated cost for Phase 1 is \$400,000.00

REVIEWED BY

This recommendation has been reviewed by Robert Coromina, Director of Administrative Services, Mauricio Marin, Information Technology Technician, Bruce Correia, MIS Coordinator, and Chieko Keagy, Controller.

BACKGROUND INFORMATION

A condition assessment of the Regional Wastewater Reclamation Plant PLC's was performed by staff in 2018 and reported to the board in April 2019, its findings are as follow:

1. Out of Twenty-Three (23) PLC's currently used at the main Regional Plant, twelve (12) are model PLC5 by Allen Bradley. This PLC model has been discontinued by the manufacturer and has exceeded its service life.
2. Allen Bradley no longer provides support or replacement parts for this specific PLC model.
3. The potential failures of these PLC's could lead to violations of the NPDES and/or WDR permits.

Staff identified and prioritized the following 12 (twelve) PLC's to upgrade, replace or combine over the next 3 fiscal years (Phases 1,2 &3):

Area	PLC Name	Fiscal Year	Task	Phase
Lower South Percolation Ponds	PLCPOND	19-20	Combine	1
Upper South Percolation Ponds	PLCPOND2	19-20	Combine	1
SCLA	PLCSCLA	19-20	Combine	1
Digesters 4&5	PLCDIGES1	19-20	Replace	1
Equalization	PLCEQ	19-20	Replace	1

Effluent	PLCEFF	20-21	Replace	2
Old Blower Building	PLCBLO	20-21	Replace	2
South Percolation Pump Station	PLCPPS	20-21	Replace	2
Aeration Building	PLCAER	21-22	Replace	3
New Blower Building	PLCBLO2	21-22	Replace	3
RAS Building	PLCRAS	21-22	Replace	3
O&M Building	PLC NOM	21-22	Replace	3

Funding for phase 1 of this project has been budgeted in Account # 07-02-530-6022-9999 for FY19-20. Once bids are received and evaluated, staff will bring back this item for contract award approval.

FINANCIAL IMPACT

Finance Approval:

Fund	01 []	07 [X]	09 []
Account String	<i>example: 07-02-50-9000</i>		
Project Code	<i>example: C005 for Desert Knoll Wash</i>		
Budgeted Available before This Recommendation	\$400,000.00		
Budget Applied to This Staff Recommendation	\$400,000.00		
Budget Remaining (Over Budget)	\$		

RELATED IMPACTS

- Replace obsolete equipment with new modern programmable logic controllers (PLCs)
- Achieve significant productivity improvements and reduce risks of equipment downtime



VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Report/Recommendation to the Board of Commissioners

August 15, 2019

FROM Mauricio Marin, Information Technology Technician *MM*

TO Brian Macy, Interim General Manager

SUBJECT Approve sole source upgrades and program changes to the Howden (Turblex) compressors of Blowers 2 and 3 PLCs

RECOMMENDATION

It is recommended that the Board of Commissioners approve the quotation for upgrades and program changes to the compressors of Blowers 2 and 3 PLCs from the sole source provider Howden (Turblex) in the amount not to exceed \$120,000.00

REVIEW BY OTHERS

This recommendation was reviewed by Robert Coromina Director of Administration, Bruce Correia, MIS Coordinator, Eugene Davis Operations and Maintenance Manager, Latif Laari, Business Applications Manager, Marcos Avila Maintenance Lead and Chieko Keagy, Controller

BACKGROUND INFORMATION

The Howden (Turblex) compressors and necessary appurtenances were installed in 1980's as part of the Regional Plant's original construction. While the compressors have been well maintained with replacement parts and technical support, the hardware, specifically the programmable logic controllers (PLC) and (Human Machine interfaces (HMI), have reached their end of life and are no longer supported by the manufacturer.

The three (3) blower controls including three (3) PLC's and their respective HMI's which control blowers 2 and 3 were identified for replacement after multiple failures and limited available parts during a VWRA condition assessment in 2018.

The upgrades and program changes described in the Howden quotation will allow for better and more reliable control of Blowers 2 and 3 which will reduce the possibility of aeration shutdowns and potential compliance violations.

As Howden (Turblex) is the only factory-authorized service center and distributor of OEM components in North America, staff is recommending that the equipment and labor for these upgrades be sole sourced to Howden Customer Service/Parts Department. This department is

comprised of highly trained professionals which includes in-house technical and parts departments, as well as mechanical and instrumentation field services personnel.

FINANCIAL IMPACT

Finance Approval:

Fund		01 []	07 [X]	09 []
Account String	<i>example: 07-02-50-9000</i>	07-02-545-6000-9999		
Project Code	<i>example: C005 for Desert Knoll Wash</i>	None		
Budgeted Available before This Recommendation		\$120,000.00		
Budget Applied to This Staff Recommendation		\$120,000.00		
Budget Remaining (Over Budget)		\$0		

RELATED IMPACTS

- If these PLC's are not replaced, then the blowers may not operate properly which would decrease VVWRA's ability to meet Ammonia compliance limitations and process control requirements.

ATTACHMENTS

Quotation from Howden (Turblex)



Quotation

MCP & LCP Upgrade for Victor Valley

Proposal to: Victor Valley
For: Mauricio Marin
Site: S126 Victor Valley

Our reference: HROLSV.AFM.000632

Date: April 3rd, 2019

4654 W Junction Street, Springfield, Missouri 65802, USA

Tel: 417 380 5777
Email: matt.mosier@howden.com
Web: www.howden.com

Revolving Around You™



Customer: Victor Valley
 Project: MCP/LCP Upgrade
 Site: S126 Victor Valley

Our ref: HROLSV.AFM.000632
 Date: April 3rd, 2019



1. Introduction

This quotation is for upgrades on the Howden (Turblex) compressors installed at Victor Valley (Model KA22SV-GC215, S/N: 4549-50). We look forward to our continued relationship and are pleased to offer this quotation for your consideration.

Your Howden contacts:

Technical inquiries:

Louis Volpe

Tel: +1 417 380 5682
 Fax: +1 417 866 0235
 Email: louis.volpe@howden.com

Commercial inquiries:

Matt Mosier

Tel: +1 417 380 5777
 Fax: +1 417 866 0235
 Email: matt.mosier@howden.com

2. Technical specification

2.1. Scope:

Program changes and hardware upgrades for the Master Control Panel (MCP)

- Qty (1) Upgrade PLC to Allen Bradley CompactLogix.
- Qty (1) Upgrade HMI to 10.4" Allen Bradley Panelview +7.
- Includes electrical engineering for PLC and HMI programming, updating electrical drawings, and testing at factory.
- Additional parts included: fuses, holders, circuit breaker, power supply, end anchors, rail mounting, patch cable, ethernet switch, miscellaneous.

Program changes and hardware upgrades for the Local Control Panels (LCP)

- Qty (2) Upgrade PLC to Allen Bradley CompactLogix.
- Qty (2) Upgrade HMI to 10.4" Allen Bradley Panelview +7.
- Includes electrical engineering for PLC and HMI programming, updating electrical drawings, and testing at factory.
- Additional parts included: fuses, holders, circuit breaker, power supply, end anchors, rail mounting, patch cable, ethernet switch, miscellaneous.

One (1) trip, ten (10) eight hour days (Monday – Friday) for installation, start-up, testing and loop checks.

Customer: Victor Valley
 Project: MCP/LCP Upgrade
 Site: S126 Victor Valley

Our ref: HROLSV.AFM.000632
 Date: April 3rd, 2019



2.2. Notes:

Any significant wear or abnormalities identified requiring extra labor and / or parts shall be billed per Howden's Standard Service Rate Schedule or Price lists. Howden will provide an estimate of additional time and/or materials required.

Onsite installation, start-up, and testing is to be completed on the two (2) control panels back-to-back. Any site directives requiring additional trips or onsite time will be billed per Howden's Standard Service Rate Schedule.

All downstream process control instrumentation will need to be in working order such that Howden can verify effective and stable process control with the Master Control Panel.

2.3. Pricing:

Upgrade

Total Price for Program Changes and Hardware Upgrades for MCP/LCP (USD)	\$120,000.00
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2.4. Terms:

20% Upon Acceptance of Order
 30% Upon Issuance of Submittal Package
 40% Delivery of all Parts
 10% Completion of Startup

Payment terms are 100% of invoiced value and are due net 30 days. Payment shall not be dependent on Contractor being paid by any third parties. This proposal is based on our standard terms and conditions of sale listed below. All provisions of this offer are subject to negotiation and final approval by Howden. Bid validity is for 30 days.

2.5. Drawings and Shipment:

Submittal for approval will be in 10-12 weeks after acceptance of the order by Howden. Shipment will be 12-14 weeks after receipt of submittal approval by Howden. Freight to jobsite included, DAP Victor Valley, California, Per INCO Terms 2010.

Howden's price includes for a maximum of three submitted issues of Approval Drawings including finals. If the Customer requests any further amendments to the drawings then Howden may provide further revisions which shall be at the Customer's cost. Howden shall be responsible for any errors, omissions or discrepancies in the drawings unless they are due to incorrect drawings, samples, patterns, models or information supplied by the Customer.

First issues are 'Preliminary', indicating Howden's design and scope of supply for the contract, and are dependent on Howden receiving the necessary Customer information with the contract order. Customer to approve or comment on the scope and layout on that basis. Second issue will follow 10 weeks after approval of the first issue, and will incorporate agreed comments.

Customer: Victor Valley
Project: MCP/LCP Upgrade
Site: S126 Victor Valley

Our ref: HROLSV.AFM.000632
Date: April 3rd, 2019



A final submission will then be made if necessary to incorporate any additional changes arising during the engineering phase of the contract. When each document is approved by the Customer without comments, the latest issue is considered to be "final". No further issues will be supplied unless further engineering changes occur which affect the document content.

No formal dossier of final drawings is compiled by Howden as standard, but can be arranged at additional cost.

2.6. Items Not Included:

Taxes or bonds, fittings, bolts, nuts, gaskets, additional wiring, basin tuning or any other items not specifically listed above.

2.7. General Request:

This proposal assumes the site will provide at least one qualified helper to assist the Howden technician.



January 10, 2019

Howden Roots, LLC
4654 W. Junction Street
Springfield, MO 65802, USA

Tel: +1 417 864 5599
Fax: +1 417 866 0235
Web: www.howden.com

Subject: Factory Authorized Service

Dear Howden / Turbplex Equipment Owners,

The Howden Roots site located in Springfield, Missouri is a production and service facility that has been providing customized turbomachinery solutions for over 30 years.

This location manufactures parts, performs repairs, and provides field services for Single Stage Blowers, Steam Turbines, and Compressors. Services are available for new and legacy OEM equipment brands including:

- Steam turbines – Howden, Siemens
- Blowers and compressors – Turbplex, HV-Turbo, Cord-Turbo, Siemens Energy, Inc., Roots, Kuhnle, Kopp & Kausch
- Fans – Schiele

Howden is the only factory-authorized service center and distributor of OEM components in North America for these machines. Our commitment to exemplary operating installations is demonstrated by the Company's investment in the Customer Service/Parts Department. This highly trained group of professionals includes in-house technical and parts departments, as well as mechanical and instrumentation field services personnel. The Howden field service group is supported by a staff of mechanical, electrical and instrumentation engineers from our engineering centers.

For technical support and/or spare parts for your Howden equipment, contact us at +1 417 864-5599.

Purchase orders should be addressed to:

Howden Roots, LLC
4654 West Junction Street (formerly West Farm Road 130)
Springfield, MO 65802
USA

**Remit to:**

Howden Roots, LLC
901 Main Street, 7th Floor
Dallas, TX 75202

Remit via Bank Wire/ACH to:

Howden Roots, LLC
Account number: 4451243234
SWIFT Code: BOFAUS3N
Routing number domestic: 023009593
Routing number ACH/EFT: 111000012

Should you have any problems or additional needs, please do not hesitate to contact us.

With kindest regards,

A handwritten signature in black ink, appearing to read "Alex Lequio". The signature is fluid and cursive, with a long horizontal stroke at the end.

Alex Lequio
Acquisition Manager

Direct: (417) 848-8562
Email: alex.lequio@howden.com

Victor Valley Wastewater Reclamation Authority



Financial and Cash Report

July 2019

Victor Valley Wastewater Reclamation Authority
CASH AND RESERVE SUMMARY
 July 31, 2019

G/L Account	Description	Balance
1000	DCB Checking Account	\$ 1,113,000
1030	DCB Sweep Account	621,768
1075	Cal TRUST	6,316,982
1070	LAIF	2,860,297
		\$65 mil Max
	Total Cash	\$ 10,912,047

Reserves:	Current Balance	Restricted	Assigned	Not Assigned
Targeted Capital Reserve	\$ -	\$ -	\$ -	\$ -
O&M Reserve: 10% of Prior Year Budgeted Operating Expenses	1,372,099		1,372,099	
R&R Reserve: 1% of Land Improvements/Plants/Interceptors PY CAFR	2,954,450		2,954,450	
Reserve for SRF Payments (P& I) - Operating	2,761,133	2,761,133		
Reserve for SRF Payments (P& I) - Capital	2,386,726	2,386,726		
Available for O&M	1,437,640			
Total Cash	\$ 10,912,047	\$ 5,147,859	\$ 4,326,548	\$ -

Note 1: ACCUMULATION FOR 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	\$ 782,104	257,745	203,725	625,220	892,339	\$ 2,761,133
Reserve for SRF Payments (P& I) - Capital	1,348,576	-	67,908	399,731	570,512	2,386,726
	\$ 2,130,680	257,745	271,633	1,024,951	1,462,850	\$ 5,147,859

Payment Schedule

9.5 MGD	September	\$ 265,049
Upper Narrows Replacement	December	257,745
NAVI	February	258,151
Subregional - AV	February	1,024,951
Subregional - HES	February	1,462,850
11.0 MGD	April	579,870
Phase III-A	June	1,027,610
Nanticoke	June	271,633
		\$ 5,147,859

Victor Valley Wastewater Reclamation Authority
Statement of Net Position
July 31, 2019

<i>Assets and Deferred Outflows of Resources</i>	2019
Current assets:	
Cash and cash equivalents	\$ 11,398,496
Interest receivable	6,819
Accounts receivable	3,267,730
Receivable from FEMA Grants	3,679,746
Accounts receivable - Other	13,319
Allowance for Doubtful Accounts	(89,459)
Materials and supplies inventory	83,104
Prepaid expenses and other deposits	112,263
Total current assets	18,472,018
Fixed assets:	
Capital assets not being depreciated	3,164,250
Capital assets being depreciated	187,731,947
Total capital assets	190,896,197
Total assets	209,368,215
Deferred outflows of resources	
Deferred outflows of resources - pension	1,742,472
Total	\$ 211,110,687
<i>Liabilities, Deferred Inflows of Resources, and Net Position</i>	
Current liabilities:	
Accounts payable and accrued expenses	\$ 607,306
Accrued interest on long-term debt	275,043
Long-term liabilities - due within one year:	
Compensated absences	48,647
Loans payables	1,849,149
Other payables	6,852
Total current liabilities	2,786,997
Non-current liabilities:	
Long-term liabilities - due in more than one year:	
Compensated absences	239,372
Other post employment benefits payable	2,285,368
Loans payable	81,927,501
Net Pension Liability	5,750,574
Other payables	347,181
Total non-current liabilities:	90,549,996
Total liabilities	93,336,993
Deferred inflows of resources	
Deferred inflows of resources - pension	89,437
Net position:	
Net investment in capital assets	122,731,832
Restricted for SRF loan covenant	5,285,091
Unrestricted	(10,063,224)
Decrease in net position FY 19	(269,442)
Total net position	117,684,257
Total	\$ 211,110,687

Victor Valley Wastewater Reclamation Authority
Revenues and Expenses
Operations and Maintenance
For the Month Ended July 31, 2019

	Actual July 2019	YTD Actual FY 19-20	Approved Budget FY 19-20
REVENUES			
User Charges	\$ 1,150,922	\$ 1,150,922	\$ 14,480,700
Sludge Flow Charge	9,752	9,752	120,000
High Strength Waste Surcharges	-	-	20,000
ADM FOG Tipping Fee Revenue	23,073	23,073	250,000
Septage Receiving Facility Charges	61,003	61,003	600,000
Reclaimed Water Sales	464	464	25,000
Potable Well Water Sales	53	53	-
Leased Property Income	50	50	-
Interest	115	115	-
Pretreatment Fees	5,400	5,400	50,000
Finance Charge	-	-	-
Grant - FEMA/Cal-EMA	-	-	-
Grant - Proposition 1	-	-	-
Grant- Water Recycling	-	-	-
Grant- CEC Microgrid	-	-	-
Sale of Assets, Scrap, & Misc Income	421	421	1,200
Total REVENUES	\$ 1,251,253	\$ 1,251,253	\$ 15,546,900
EXPENSES			
Personnel	\$ 475,318	\$ 475,318	\$ 4,589,786
Maintenance	76,312	76,312	2,236,156
Operations	51,738	51,738	3,433,514
Administrative	42,863	42,863	1,812,648
Construction	-	-	-
Total EXPENSES	\$ 646,231	\$ 646,231	\$ 12,072,104
Revenues over Expenses before Depreciation, Debt Service and Transfers	\$ 605,022	\$ 605,022	\$ 3,474,796
Depreciation Expense	(1,032,625)	(1,032,625)	-
FEMA CalOES Retention	-	-	-
DEBT SERVICE			
SRF Principal	-	-	2,039,479
SRF Interest	-	-	732,612
	\$ -	\$ -	\$ 2,772,091
FUND TRANSFERS IN			
Salary/Benefits Charge from Capital	\$ 9,154	\$ 9,154	-
Admin Charge from Capital	3,478	3,478	-
Total FUND TRANSFERS IN	\$ 12,632	\$ 12,632	\$ -
FUND TRANSFERS OUT			
Transfer to Repairs and Replacements Fund	-	-	702,705
Inter-fund loan payment to Capital	-	-	-
Total FUND TRANSFERS OUT	\$ -	\$ -	\$ 702,705
Excess Revenues Over Expenses	\$ (414,971)	\$ (414,971)	\$ -

Victor Valley Wastewater Reclamation Authority
Revenues and Expenditures
Repairs and Replacement
For the Month Ended July 31, 2019

	Actual July 2019	YTD Actual FY 19-20	Approved Budget FY 19-20
REVENUES			
R&R Revenues	\$	\$	\$
Total REVENUES	\$ -	\$ -	\$ -
OTHER FINANCING SOURCES			
SRF Loan Funding	\$ -	\$ -	\$ 1,963,621
CAPITAL EXPENSES			
Personnel	\$ -	\$ -	\$ -
Maintenance	31,609	31,609	1,896,326
Operations	-	-	-
Administrative	-	-	145,000
Construction	-	-	625,000
Total CAPITAL EXPENSES	\$ 31,609	\$ 31,609	\$ 2,666,326
Revenues over Expenses before Debt Service and Transfers	\$ (31,609)	\$ (31,609)	\$ (702,705)
FUND TRANSFERS IN			
Transfer from Operations and Maintenance Fund	\$ -	\$ -	\$ 702,705
Interfund Loan Payment from O&M	-	-	-
Total FUND TRANSFERS IN	\$ -	\$ -	\$ 702,705
FUND TRANSFERS OUT			
Salary/Benefits Charge to O & M	\$ -	\$ -	\$ -
Admin Charge to O & M	-	-	-
Total FUND TRANSFERS OUT	\$ -	\$ -	\$ -
Excess Revenues Over Expenses	\$ (31,609)	\$ (31,609)	\$ -

Accrual Basis

Victor Valley Wastewater Reclamation Authority
Revenues and Expenditures
CAPITAL
For the Month Ended July 31, 2019

	Actual JULY 2019	YTD Actual FY 19-20	Approved Budget FY 19-20
REVENUES			
Connection Fees	\$ 195,800	\$ 195,800	\$ 2,254,625
Title 16 Grant - Subregional	-	-	-
Grant- Water Recycling	-	-	-
Sale of Assets, Scrap, & Misc Income	-	-	-
Interest	19,554	19,554	50,000
Proposition 1 Grant	-	-	-
Proposition 84 Grant	-	-	-
FMV Adjustment	(12,471)	(12,471)	-
CEC Microgrid Grant	-	-	-
Grant - FEMA/Cal-EMA	-	-	-
Total REVENUES	\$ 202,883	\$ 202,883	\$ 2,304,625
CAPITAL EXPENSES			
Personnel	\$ 18,965	\$ 18,965	\$ 384,910
Maintenance	-	-	-
Operations	-	-	171
Administrative	(5,853)	(5,853)	50,000
Construction	-	-	550,000
Total CAPITAL EXPENSES	\$ 13,112	\$ 13,112	\$ 985,081
Revenues over Expenses before Debt Service and Transfers	\$ 189,771	\$ 189,771	\$ 1,319,544
DEBT SERVICE			
SRF Principal	\$ -	\$ -	\$ 1,981,331
SRF Interest	-	-	405,396
	\$ -	\$ -	\$ 2,386,727
FUND TRANSFERS IN			
Capital Recovery - Septage from O&M	\$ -	\$ -	\$ -
Interfund Loan Payment from O&M	-	-	(1,963,621)
Total FUND TRANSFERS IN	\$ -	\$ -	\$ (1,963,621)
FUND TRANSFERS OUT			
Salary/Benefits Charge to O & M	\$ 9,154	\$ 9,154	\$ -
Admin Charge to O & M	3,478	3,478	-
Total FUND TRANSFERS OUT	\$ 12,632	\$ 12,632	\$ -
Excess Revenues Over Expenses	\$ 177,139	\$ 177,139	\$ (3,030,804)

Accrual Basis

VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
SRF LOAN SUMMARY
July 31, 2019

Existing	Existing	Existing	Existing	Existing	Existing	Existing	Existing	Existing	Existing	Existing	Existing	Existing	Existing	Existing	Total Agreed
9.5 MGD Capital Improvements	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								SRF Loans
4573	4574	4658	5376	7805	7833	4806	4807								

SRF LOAN #

Original Amount Financed	\$ 4,069,859.00	\$ 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	\$ 111,162,040.44
SRF Interest Rate (fixed)	2.60%	0.00%	2.50%	2.70%	1.90%	1.90%	1.00%	1.00%	Varies
Local Match Amount	n/a	1,905,159.00	-	-	-	-	-	-	1,905,159.00
Principal Forgiveness	n/a	n/a	n/a	3,000,000.00	n/a	n/a	n/a	n/a	3,000,000.00
SRF Amount Borrowed	4,069,859.00	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	106,392,988.10
Annual Payment Amount	265,049.56	579,869.96	258,151.05	1,027,609.73	257,745.38	271,632.70	1,024,950.85	1,462,850.30	5,147,859.53
Annual Payment Due Date	September 15	April 3	February 13	June 30	December 31	June 30	February 28	February 28	Varies
Loan Term (years)	20	20	20	20	20	20	30	30	Varies
Years remaining	1	3	5	13	14	18	29	29	Varies
DEBT SERVICE									
Loan Outstanding Balance	258,332.81	1,679,292.56	1,421,928.33	11,141,254.67	2,990,766.22	4,108,359.29	25,691,197.89	36,667,491.56	83,958,623.33
Principal Paid to Date	3,811,526.19	7,846,274.44	2,662,759.67	4,576,412.99	1,295,613.78	386,853.50	764,030.95	1,090,893.25	22,434,364.77
Interest Paid to Date	1,167,477.10	1,844,841.67	951,357.03	2,559,079.99	171,431.28	156,411.90	260,919.90	371,957.05	7,483,475.92
First Payment Date	Sept. 15, 2000	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	Sept. 15, 2019	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	2.544%	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

July 2019

VWRA O&M Monthly Report – July 2019

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**Victor Valley Wastewater Reclamation Authority
Operations and Maintenance Report
July 2019**

TO: Brian Macy, General Manager
FROM: Operations & Maintenance Staff
SUBJECT: OPERATIONS/MAINTENANCE REPORT
DATE: August 15, 2019

The following information details the operation of the Victor Valley Wastewater Reclamation Authority Facility. Included in this report is pertinent information regarding flows, process control information, process sampling, permit requirements, operations activities, and facility maintenance activities. This report is based on O&M activities for July 2019.

	Total	Average
Effluent to Mojave	175.579	5.6638
Effluent to Ponds	164.1732	5.2956
		Limit
Biochemical Oxygen Demand (BOD)		10 mg/l
Effluent to Mojave	<4.57	
Percent Removal	>98.062	
		Limit
Total Suspended Solids (TSS)		10 mg/l
Effluent to Mojave	<2.4	
Percent Removal	>98.062	
		Limit
Turbidity		2.0 ntu
30 Day Average	0.26	

Major Operations Activities

Headworks

The Headworks area operated as intended throughout the months with normal equipment maintenance performed on a weekly basis.

Primary Treatment

Overall removal efficiency of the primary clarifiers was 37.85% removal of influent BOD and 62.74% removal of TSS. Typical operating parameters are 25 to 35 percent removal of BOD and 50 to 60 percent removal of TSS. The primary sludge concentration averaged 2.60 % total solids at 76,699 gallons per day.

Primary clarifiers: #1,#3,#4, #5, #6,#7 and #8 are currently online and continue to treat all incoming flow. Primaries #4 remained offline for the month. With one clarifier off line, the remaining 7 primary clarifiers are capable of treating peak flows up to 27 MGD.

The digester gas conditioning system remains online. The system will prevent premature wear and tear on engines #2 & #3 by removing siloxanes by the addition of ferric chloride. The system increases fuel pressure to the blower gas system, allowing for more output from the blower engine. Digester #4 and 5 gas is mixed and sent to the gas conditioning system. This all but eliminates the use of Natural gas to run engines #2 and #3.

Staff continues to add ADM/ Grease to Daft #3 from Primaries and truck deliveries where it is the then feed it to Digesters #4 and #5. This operation is assisting in additional grease removal from the primary clarifiers and increased gas production in the anaerobic digesters.

Secondary Process

Secondary Clarifiers #1 thru #6 are currently offline, not needed at this time.

Aeration basins #1 thru 12 have been retrofitted with the new Aquarius diffusers and are currently performing very well reducing the RPM's on the Piller blower. Currently basins #1-6 and 7-12 are online.

Piller #1 is supplying air to basins #1-6, mixed liquor channel and aerated grit chamber. Piller #6 is supplying air to AB's #7-12.

Staff continues to monitor the solids under aeration and SVI to compare against the SRT Master Control Program. The SRT Master program is performing well. The secondary process has been performing well as a result of the SRT Master Control Program. Weekly Nitrogen studies performed by VVWRA staff produced results below regulatory requirements.

Thioguard was not used during the month.

Secondary turbidity averaged 1.13 (NTU) during the month of July 2019
The 30 minute settleometer test averaged 111.3mL/L.
The average "pop time" of the MLSS was >90 min.

Percolation Ponds

South percolation ponds #8, #10, #11, #12 and #13 were used and rotated during the month. South Percolation Pond #7 is offline and out of rotation.

All Percolation Pond freeboard level requirements have been met during the month. All ponds are being rotated on a daily basis. Percolation Pond #6 remains off line and drained to minimal levels. No flow seepage has been observed. The north percolation ponds were used sparingly during the month.

Tertiary Filters

Aqua Diamond Filters #1 and #2 were utilized for the month of July. Filter Effluent average Turbidity of 0.44 NTU.

Solids

Staff has been operating Digester #4 and #5 at predetermined sludge levels which is controlled by the

SCADA system.

VVWRA received 573,397 gallons of ADM (Anaerobically Digestible Material) and FOG (Fats Oil and Grease). Total is comprised of 515,000 gallons of ADM and 58,067 gallons of FOG.

A Total 22,076,018 day of gas was created by digesters #4 and 5 for the month of July 2019.

That is an average gas production of 712,130 cf/day.

Digester #4 averaged 362,116 cf/day.

Digester #5 averaged 350,014 cf/day.

Digester Volatile Acid/Alkalinity averaged 0.0145 for the month.

Ultra Violet Disinfection (UV)

The UV system is currently operating via one channel mode.

Monthly UV intensity probe and flow meter calibration checks were performed.

Permit Continuous Monitoring Requirements and Permit Violations

All permit required, continuous monitoring equipment was on-line, in calibration and working properly during the month.

Date of last reportable incident: March 10, 2015

Days since last reportable incident: 1,604 days

Discharge Sampling

All required samples during the month of July 2019 were collected and processed as scheduled.

Miscellaneous

Maintenance Activities**CMMS Work Order Activity****VVWRA KPI Report**8/5/2019
7:38 AM

7/1/2019 - 7/31/2019

KPI	Count	Percent
Planned Work Total	325	
Planned Work Completed	296	91.08%
Planned Work Completed On-Time	255	78.46%
Planned Work Incomplete	29	8.92%
Planned Work Completed Late	42	12.92%
Total Work Completed	728	
Reactive Work Completed	86	11.81%
PM Work Completed	590	75.65%

Safety

1. Monthly Vehicle Safety Inspections completed.
2. Monthly gas tech monitor inspections completed.
3. Monthly Eyewash safety showers inspected.
4. Monthly SCBA inspections.
5. Hazardous storage area inspection.
6. Spill kit inspections.

Preliminary Process

1. Aqua Guard pre-treatment screen inspected and serviced.
2. Headwork's Conveyor Belt Lube & Inspect.

 VVWRA O&M Monthly Report – July 2019

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3. Grit classifier monthly lube.
4. EQ 1 Aerator motor replacement.

Primary Process

1. All PH and conductivity probes cleaned and calibrated.
2. Influent PH and conductivity probe calibrations complete.
3. Primary sludge grinder replacement.

Secondary Process

1. Piller blowers 1 & 6 weekly inspections complete.
2. Service Air compressors inspection and service completed.
3. Waukesha engines inspections.
4. Piller #1 and #6 Filters Replacement.

Tertiary

1. Monthly gear box and platform drive wheel service complete
2. Filter #1 & #2 monthly platform gear box PM's comp
3. Monthly festoon inspection.
4. Filter #1 & #2 monthly backwash wasting pumps oil checks complete
5. All PH and conductivity probes cleaned and calibrated.
6. Bridge VFD's heat sink cleaning.

Ultra Violet Disinfection (UV)

VVWRA O&M Monthly Report – July 2019

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1. PH and conductivity probes cleaned and calibrated
2. UVT probe calibrated
3. UV Compliance sample pumps foot valve cleaning.
4. UV MCC filters cleaning.
5. WEDECO quarterly service completed.
6. Air Chanel 2 actuator repair.

Treatment Disposal

1. DAFT #1 and #2 Air Compressors 1&2 PM services complete.
2. DAFT monthly lube.
3. Digester 1-3 ongoing repairs.
4. Temporary GBT transfer pump installed.
5. Decant aerator repairs.
6. DAFT 2 pump PM completed.
7. Digester 4 heat exchanger cleaning.

Miscellaneous Plant

1. Emergency generator monthly test.
2. Monthly Blower buildings AHU filter replacement.
3. AC compressor replacement EQ MCC.
4. Primary raw influent sampler repair.

2G/CHP 1&2

1. Monthly UREA refill completed CHP #1 & #2

2. CHP1&2 differential pressure readings taken within normal range, Gas DP pressure collected within normal range.
3. Monthly gas samples collected.

Gas Conditioning Skid

1. Monthly gas sampling collected.
2. Monthly gas conditioning skid inspection.

OGPS

1. Monthly Generator Test completed.
2. Annual generator service completed.

Hesperia WRP

1. Plant generator test completed.
2. Annual generator PM completed.
3. Air scrubber monthly lube.

Hesperia LS

1. Plant generator test completed.
2. Annual generator PM completed.
3. Pump 2 de-rag.

AVWRP

1. Plant generator test completed.
2. Annual generator PM completed.

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3. Monthly air scrubber blower lube.

AVPS OTOE LS

1. Monthly Emergency generator test.
2. Annual generator PM completed.

OFFROAD EQUIPMENT

1. Brown Bear weekly PM's completed.
2. JCB front loader weekly PM's complete.

FLEET

1. Monthly fleet inspections completed pumps, vehicles, hose reel trailer, light towers.

Victor Valley Wastewater Reclamation Authority



Environmental Compliance Department Report

July 2019

VWRA Environmental Compliance Department
Industrial Pretreatment Program

I. Interceptors Operation and Maintenance:

1. Interceptors cleaning & CCTV: None in July 2019

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 found during inspections and no repair was needed or performed.

4. Sanitary sewer overflows (SSO) summary:

- ✓ Date of last reportable SSO: July 30th, 2018

5. Interceptors maintenance budget remaining:

- ✓ The fiscal year 2018-2019 Interceptor sewer maintenance amount remaining for sewer cleaning and inspection services is \$5749.10

6. Dig Alert Underground tickets processed:

- ✓ A total of One hundred and Sixty-Nine (169) USA Tickets were received and processed in July 2019.

7. Flow monitoring Studies:

- ✓ A flow monitoring study by ADS Environmental is continuing.

II. Industrial pretreatment Activities:

1. **New Business Questionnaires and permits applications evaluated:**
 - ✓ Thirteen (13) New Business Questionnaires were processed in the month of July 2019.
 - ✓ Zero (0) New Business Inspection was conducted in the month of July 2019.
2. **New permits issued:**
 - ✓ Zero (0) New permits were issued in the month of July 2019.
3. **Permit renewals issued:**
 - ✓ Twenty-three (23) Class III permit renewals were issued in the month of July 2019.
4. **Work Orders:**
 - ✓ 54 Work Orders were completed in July 2019
5. **Monthly revenues collected, and invoices issued:**
 - ✓ Revenues: \$
 - ✓ Invoiced: \$5,400.00

III. Industrial Pretreatment Activities (continued)

1. Current enforcement actions:

- ✓ No Notice of Violations were issued in July 2019.

2. Current active industrial pretreatment permits:

- ✓ The current number of VVWRA’s industrial wastewater discharge permits is 429, they are comprised as follows:

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

- ✓ The permitted establishments include:

17	Automotive Service Facility
12	Bakery
1	Brewery/Winery
20	Car Wash/Truck Wash/Bus Wash
3	Coffee Shop
9	Dry Cleaner
296	FSE
22	Grocery Store
3	Hospital
3	Misc. Food
3	Misc. Industrial
4	Other
1	Photographic
1	Print Shop
1	Prison
3	School
4	Water Retail
13	Waste Haulers

- ✓ Permitted businesses are distributed among member entities as follows: 166 in Victorville, 120 in Apple Valley, 116 in Hesperia and 1 in Oro Grande.

Victor Valley Wastewater Reclamation Authority



Environmental Compliance Department

Septage/FOG/ADM Monthly Report

July 2019

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

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

FOG/ADM rate per Gallon: \$ 0.04

Receiving invoices

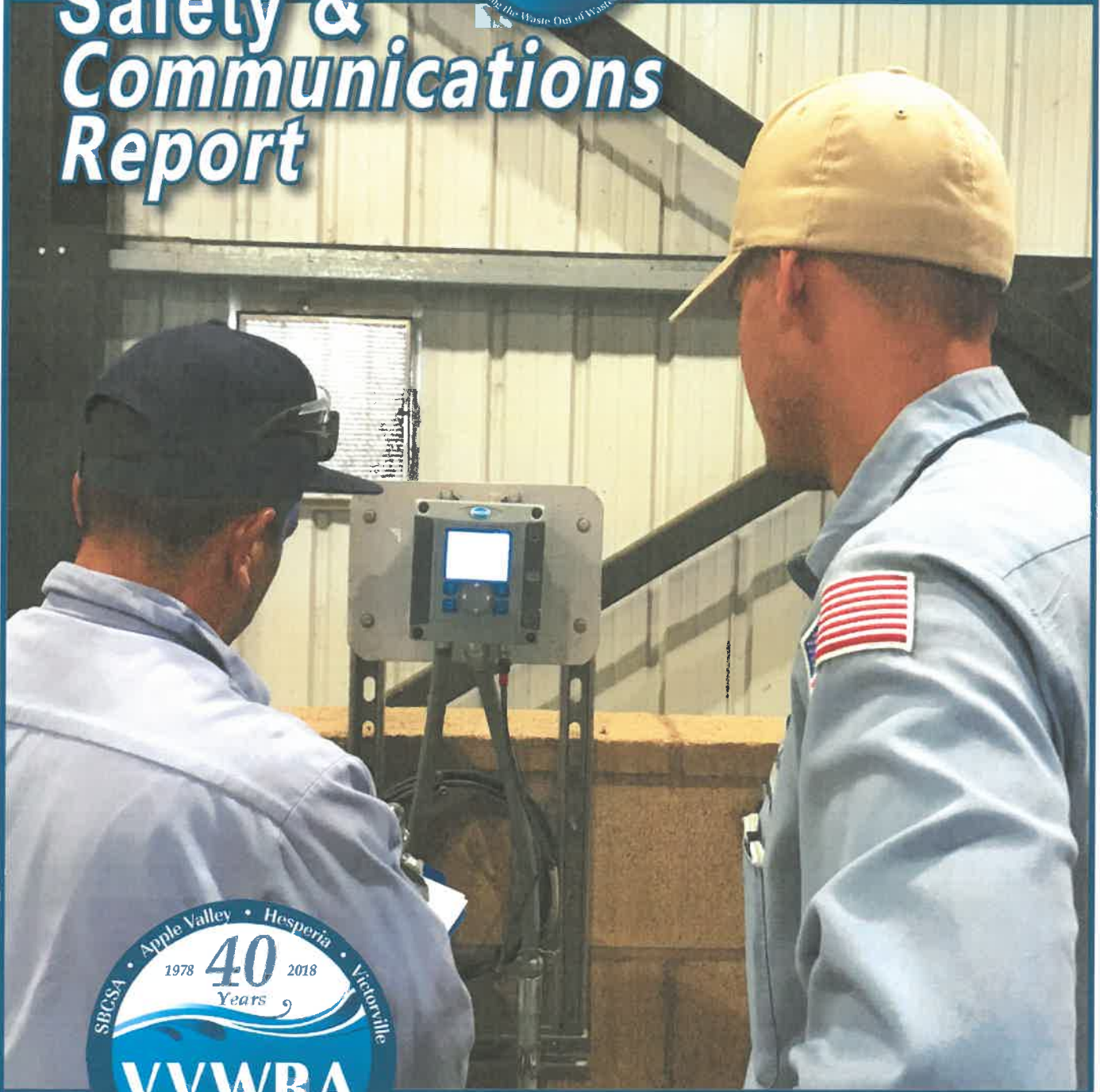
ID No	Septage Hauler	Invoice Date	Total Gallons	Invoice Amount
ABS000	Absolute Pumping	7/28/2019	33,594	\$3,144.40
ALP000	Alpha Omega Septic Service	7/28/2019	169,501	\$15,865.29
BUR000	Burns Septic	7/28/2019	144,000	\$13,478.40
HIT000	Hitt Plumbing	7/28/2019	123,660	\$11,574.58
HON001	Honest Johns Septic Service, Inc	7/28/2019	70,468	\$6,595.80
ROT001	T.R. Stewart Corp. dba Roto Rooter	7/28/2019	68,410	\$6,403.18
USA000	USA Septic	7/28/2019	85,500	\$8,096.40
ALP000	Alpha Omega Septic Service (Nutro)	7/28/2019	76,057	\$3,042.28
COW000	Co-West Commodities	7/28/2019	151,000	\$6,040.00
LIQ000	Liquid Environmental Solutions of CA	7/28/2019	0	\$0
SMC000	SMC Grease Specialist, Inc.	7/28/2019	346,000	\$13,840.00
WES004	West Valley MRF, LLC Burrtec Waste Industries, Inc.	7/28/2019	0	\$0
HIT000	Hitt Plumbing	7/28/2019	0	\$0
Grand Totals			1,268,190	\$88,080.33

Septage/FOG/ADM receiving payments:

ID No	Business Name	Payments Received
ABS000	Absolute Pumping	\$0
ALP000	Alpha Omega Septic Service	\$0
BUR000	Burns Septic	\$0
HON001	Honest Johns Septic Service, Inc	\$0
ROT001	T.R. Stewart Corp. dba Roto Rooter	\$0
USA000	USA Septic	\$0
ALP000	Alpha Omega Septic Service (Nutro)	\$0
COW000	Co-West Commodities	\$0
LIQ000	Liquid Environmental Solutions of CA	\$0
SMC000	SMC Grease Specialist, Inc.	\$0
WES004	West Valley MRF, LLC Burrtec Waste Industries, Inc.	\$0
HIT000	Hitt Plumbing	\$0
Grand Total		\$0



Safety & Communications Report



July 2019



Safety

STAFF SAFETY TAILGATE/ORIENTATION

- July 1--Poor decision making
- July 11--Earthquake safety
- July 18--Dangers of H₂S
- July 25--Hand safety





Safety

SAFETY EVENTS/ TRAINING

- Safety tailgates
- Daily, weekly and monthly plant inspections
- First aid/CPR/AED



UNSAFE CONDITIONS REPORTED/RESOLVED

DATE OF LAST RECORDABLE ACCIDENT/INJURY:
APRIL 22, 2019

DAYS SINCE LAST RECORDABLE ACCIDENT/INJURY:
99 DAYS





Safety

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

- Safety Tailgates will be conducted at the Thursday weekly staff briefings.
- Safety Tailgates will be conducted at the bi-monthly Administrative staff meetings.
- Safety Committee meeting
- Field ergonomics training

Communications

- Eight tours with 166 Chinese exchange students in July.



- Maintained VVWRA website and social media sites including Facebook & Twitter.





Communications

- Represented VWRA at CWEA/DAMS meeting in Crestline



- Represented VWRA at PR Coalition

