

AGENDA

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

MEETING DATE: Thursday, February 16, 2017

TIME: 8:00 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.

CONFERENCE WITH LEGAL COUNSEL-PUBLIC EMPLOYEE DISCIPLINE/DISMISSAL/RELEASE (Govt. Code Sec. 54957.6)

1. Personnel Issues: One (1)

CONFERENCE WITH LEGAL COUNSEL-POTENTIAL LITIGATION (Gov. Code Sec. 54956.9(d) (2)):

2. Threatened or Pending Litigation – Flow Diversion

3. Threatened or Pending Litigation- Upper Narrows Project

4. Threatened or Pending Litigation- David Padilla

5. Threatened or Pending Litigation- Klimes

6. Threatened or Pending Litigation- Permit Shield

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

7. Valles v. VWRA et al, Case No. 5:15-CV-02297

REGULAR SESSION

CALL TO ORDER & PLEDGE OF ALLEGIANCE

REPORT FROM CLOSED SESSION

PUBLIC COMMENTS – REGULAR SESSION AGENDA

ANNOUNCEMENTS AND CORRESPONDENCE:

- 8. Possible conflict of interest issues**
- 9. VVWRA Boundaries Map**
- 10. CWEA Awards**
- 11. General Managers Report**

CONSENT CALENDAR:

- 12. Approve January 2017 Disbursement Registers**
- 13. Approve Minutes from the January 19, 2017 and January 26, 2017 Regular Meeting**
- 14. Recommendation to Approve 2017 Regulatory Assistance**

REPORTS & PRESENTATIONS:

- 15. Presentation: Mid-Year Budget Review (Keagy)**
- 16. Presentation: Energy Projects (Olds)**

ACTION & DISCUSSION ITEMS:

- 17. Recommendation to Amend The Biogas and Services Agreement**
- 18. Recommendation to Approve Resolution 2017-02: CalPERS Employee 2% Pick Up**

- 19. Discussion: Expense of 14.5 and 18 MGD Expansion**
- 20. Permission to issue RFP's for the**
 - A. Maintenance of the earthworks for the drying beds and percolation ponds.**
 - B. Coating of the UV channels**
 - C. Design of the Desert Knolls Wash sewer interceptor**
- 21. Recommendation to Approve Change in Banking Services**
- 22. Recommendation to Create Flow Diversion Ad-Hoc Committee**
- 23. Amendment to Agreement for Legal Representation-Special Counsel Rates**
- 24. Request Authorization to Retain the Professional Services of a Firm to Assist VVWRA Staff with Project Close Out for FEMA Projects 828 and 1136 Upper Narrows**

STAFF/PROFESSIONAL SERVICES REPORTS:

- 25. Financial and Investment Report – January 2017**
- 26. Operations & Maintenance Report – January 2017**
- 27. Environmental Compliance Department Reports – January 2017**
- 28. Septage Receiving Facility Reports – January 2017**
- 29. Construction Report – January 2017**

NEXT VVWRA BOARD MEETING:

Thursday, March 16, 2017 – Regular Meeting of the Board of Commissioners

FUTURE AGENDA ITEMS

Resolution- Appreciation of Service for Steve Schindler (March)

Design of the stormwater bypass for the WWTP (March)

Discussion: Desert Knolls Wash (March)

Leave Policy

COMMISSIONER COMMENTS

ADJOURNMENT

VVWRA Regular Meeting Agenda

Thursday, February 16, 2017

Page 5

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

MEMORANDUM

DATE: 6 February 2017

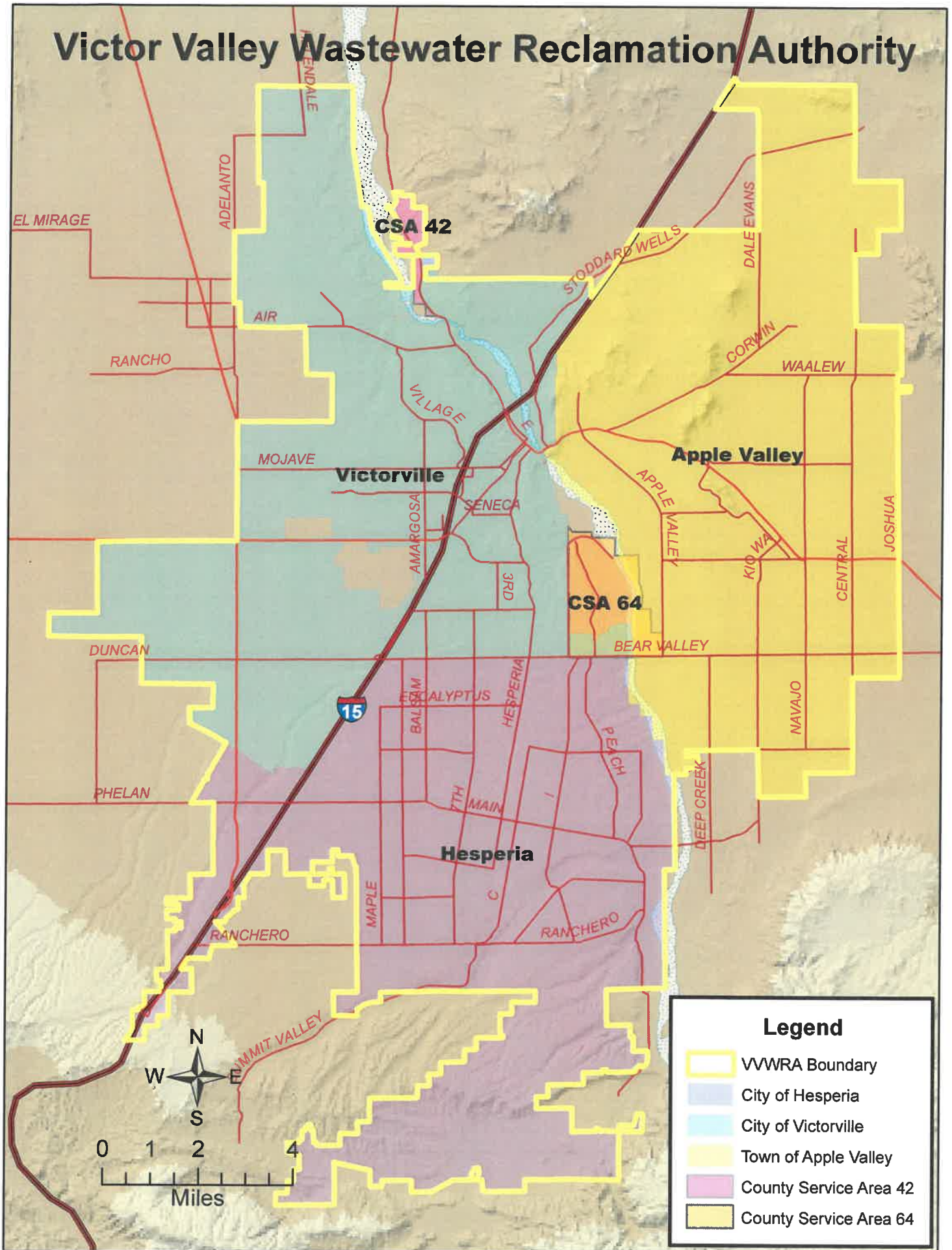
TO: Board of Commissioners

FROM: Logan Olds, General Manager *LO*

SUBJECT: VWVRA Boundary Map

Attached is the first update to VWVRA's boundaries in over ten years. Staff wishes to thank each of the member entities and Mojave Water Agency for providing the information and assistance necessary to create the map.

Victor Valley Wastewater Reclamation Authority





Capital Projects

Subregionals

The subregional water reclamation plants (WRP) will reduce flows in VWRA's over capacity interceptors which convey sewage to the main plant in Victorville. Both facilities are scheduled to be operational during the summer of 2017.

Nanticoke Interceptor

The Nanticoke interceptor has begun construction and is designed to replace the obsolete Nanticoke pump station. The interceptor will save VWRA over \$400,000.00 per year in staff time and consumables like electricity, chemicals and equipment replacement. The Nanticoke interceptor is nearing completion and is scheduled for final inspection in February of 2017.

Upper Narrows Interceptor/OIG audit

VWRA has received the preliminary recommendations by the OIG in connection with its audit of the project to rebuild VWRA's pipeline which was washed out by the Mojave River during a flood on December 26, 2010. The pipeline dated back to 1982 and was originally built in the Mojave River. As a result of the rupture, 42 million gallons of sewage were spilled into the Mojave River. Several options were considered to replace the pipeline and, after extensive engineering studies, it was determined that the most efficient, cost effective and environmentally friendly option was to tunnel under the Mojave River and avoid another potential spill.

VWRA is disappointed by the current OIG's recommendations, in part because the OIG seems to have issued its recommendations without reviewing VWRA's response to previous comments and questions by the OIG almost a year ago. Indeed, VWRA has previously responded in detail to the concerns raised by the OIG, undertaking a lengthy audit process and providing substantial legal authority and documentation as to why VWRA believes that the findings by the OIG are incorrect. In its current findings, the OIG has primarily focused on a single engineering contract worth approximately \$1.3 million dollars out of a FEMA funded emergency project worth over \$30 million dollars.

It is worth noting that throughout this project, VWRA reported to the California Office of Emergency Services (CalOES), which was the agency that worked closely with FEMA in granting and administering the FEMA funds for this project. VWRA is nevertheless prepared to keep working closely with FEMA and Cal OES in reviewing OIG's recommendations and addressing them.

The OIG findings are not final and are only recommendations to FEMA. The OIG acknowledges that FEMA could waive the recommendations as part of the close out of the project. The findings are explicitly preliminary and FEMA can make the decision to (1) ignore them as part of the close-out process (currently in process); (2) ask VWRA for justification and more information or, (3) follow the OIG's recommendations. VWRA staff and its consultants are taking the steps to make sure that, through Cal OES, FEMA receives all the information that the OIG appears not to have reviewed and considers it as part of the project close out which is when FEMA makes their decision about the OIG findings.

One who gains strength by overcoming obstacles possess the only strength which can overcome adversity. Albert Schweitzer



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

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 Telephone: (760) 246-8638
 Fax: (760) 948-9897

DATE: February 6, 2017
TO: Logan Olds
 General Manager
FROM: Angela Valles *AV*
 Director of Finance
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 JANUARY 2017, check numbers 120524 – 120570 and EFT/Wires.

<i>Accounts Payable</i>			
<i>Checks</i>	<i>ACH/EFT</i>	<i>Payroll</i>	<i>Total</i>
\$180,687.84	\$5,458,533.50	\$265,918.29	\$5,905,139.63

**Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 1/01/17 through 1/31/17**

12

Check Number	Check Date	Effective Date	Fund Code	Vendor Name	Transaction Description	Check Amount
120524	1/18/2017	1/18/2017	01	Casa	Logan Olds Full Conference	550.00
120525	1/18/2017	1/18/2017	01	City Employees Associates	VVWRA Supervisors Association Dues	50.00
120526	1/18/2017	1/18/2017	01	Swrcb	Documentation Pick-up	67.70
120527	1/19/2017	1/19/2017	01	Liberty Utilities- Apple Valley Ranchos W	Water Usage	964.81
120528	1/19/2017	1/19/2017	01	Flyers Energy, Llc	Gasoline	848.68
120528	1/19/2017	1/19/2017	01	Flyers Energy, Llc	Gasoline	363.54
120528	1/19/2017	1/19/2017	01	Flyers Energy, Llc	Gasoline	534.33
120529	1/19/2017	1/19/2017	01	Prudential Overall Supply	Uniform Service	416.96
120529	1/19/2017	1/19/2017	01	Prudential Overall Supply	Uniform Service	416.96
120529	1/19/2017	1/19/2017	01	Prudential Overall Supply	Uniform Service	416.96
120529	1/19/2017	1/19/2017	01	Prudential Overall Supply	Uniform Service	416.96
120529	1/19/2017	1/19/2017	01	Prudential Overall Supply	Uniform Service	416.96
120529	1/19/2017	1/19/2017	01	Prudential Overall Supply	Uniform Service	416.96
120529	1/19/2017	1/19/2017	01	Prudential Overall Supply	Uniform Service	413.64
120530	1/19/2017	1/19/2017	01	Swains Electric Motor Service	Special Electric Motor	908.80
120531	1/25/2017	1/25/2017	01	Donna Anthony	Retiree Health Benefit Allowance	443.00
120532	1/25/2017	1/25/2017	01	Dan Sentman	Retiree Health Benefit Allowance	225.63
120533	1/25/2017	1/25/2017	01	Airgas Usa, Llc	Cyl Air Breathing	164.10
120533	1/25/2017	1/25/2017	01	Airgas Usa, Llc	Cyl Nitrogen	77.41
120534	1/25/2017	1/25/2017	01	Applied Industrial Technologies	Bearings	31.31
120534	1/25/2017	1/25/2017	01	Applied Industrial Technologies	Continental Belt	331.70
120534	1/25/2017	1/25/2017	01	Applied Industrial Technologies	Safety Products	324.00
120535	1/25/2017	1/25/2017	01	Apple Valley Transfer & Storage Db	Document Shredding Service	45.00
120536	1/25/2017	1/25/2017	01	World Oil Environmental Services	Used Oil Disposal	120.00
120537	1/25/2017	1/25/2017	01	Beck Oil, Inc.	Diesel Plant	2,273.69
120538	1/25/2017	1/25/2017	01	Blaine Tech Services, Inc.	Hesperia Subregional Testing	7,683.60
120539	1/25/2017	1/25/2017	01	Russell Blewett	Commissioner Stipend	100.00
120540	1/25/2017	1/25/2017	01	California Municipal Statistics Inc	Overlapping Debt Statement	425.00
120541	1/25/2017	1/25/2017	01	Crystal Chrysler	November 2016 Statement	10.46
120542	1/25/2017	1/25/2017	01	Csrma	Pooled Liability	105,125.57
120543	1/25/2017	1/25/2017	01	Daily Press	Notice of Public Hearing	2,224.00
120544	1/25/2017	1/25/2017	01	Detection Instrument Corporation	Odaloger Calibration & Service	1,699.35
120545	1/25/2017	1/25/2017	01	Environmental Water Solutions, Inc.	Check Valve	1,842.25
120546	1/25/2017	1/25/2017	01	Frontier	Acct# 760-247-4698-121382-5	216.60
120547	1/25/2017	1/25/2017	01	Frontier	Acct# 661-194-9743-031907-5	199.99
120548	1/25/2017	1/25/2017	01	Frontier	Acct# 760-246-8178-122106-5	218.71
120549	1/25/2017	1/25/2017	01	Frontier	Acct# 760-246-7344-030481-5	53.03
120550	1/25/2017	1/25/2017	01	Frontier	Acct# 760-246-7864-030481-5	55.75
120551	1/25/2017	1/25/2017	01	G.A. Osborne Pipe & Supply	Pipe Flange	55.39
120552	1/25/2017	1/25/2017	01	Haight Brown & Bonesteel Llp	Atty Osterberg Fees	4,273.75
120553	1/25/2017	1/25/2017	01	Hi-Desert Communications	Site Rent	100.00
120554	1/25/2017	1/25/2017	01	Hi-Desert Window Washing	Window Washing	307.00
120555	1/25/2017	1/25/2017	01	Jams	Legality of Flow Diversion	7,812.00
120556	1/25/2017	1/25/2017	01	Konica Minolta Business Solutions	Printer Charges	588.89
120556	1/25/2017	1/25/2017	01	Konica Minolta Business Solutions	Printer Charges	366.50
120557	1/25/2017	1/25/2017	01	Mailfinance	Mail Lease	269.61
120558	1/25/2017	1/25/2017	01	Napa Victorville	Alternator	118.51
120558	1/25/2017	1/25/2017	01	Napa Victorville	Battery	314.26
120558	1/25/2017	1/25/2017	01	Napa Victorville	NAPA000 991635	(45.00)
120559	1/25/2017	1/25/2017	01	Orkin	Pest Control	375.89
120560	1/25/2017	1/25/2017	01	O.S.T.S. Inc (Occupational Safety Training	CCO Written Exam	175.00
120561	1/25/2017	1/25/2017	01	Royal Wholesale Electric	Relay and Socket	409.20
120561	1/25/2017	1/25/2017	01	Royal Wholesale Electric	Training	2,560.00
120562	1/25/2017	1/25/2017	01	Southern Counties Lubricants	Oil	7,127.02
120563	1/25/2017	1/25/2017	01	Sparkletts Drinking Water	Drinking Water	1,498.56
120564	1/25/2017	1/25/2017	01	Terex Utilities	Crane Repairs	1,978.53
120564	1/25/2017	1/25/2017	01	Terex Utilities	Crane Repairs	2,600.00
120565	1/25/2017	1/25/2017	01	Thurlow'S Heating & A/C Inc.	Replace Compressor	510.00
120566	1/25/2017	1/25/2017	01	Trimax Systems	Emergency Electrical Service Trimax	1,470.20
120567	1/25/2017	1/25/2017	01	United Rentals Northwest, Inc	Rammer Large	364.31
120568	1/25/2017	1/25/2017	01	Wageworks, Inc	FSA Monthly Spending	113.00
120569	1/25/2017	1/25/2017	01	Cintas Corporation	Medical Supplies	335.48
120570	1/30/2017	1/30/2017	01	City Of Victorville	City Wide Street Lighting Assessment	16,333.29
Check Total						180,687.84

**Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 1/01/17 through 1/31/17**

Check Number	Check Date	Effective Date	Fund Code	Vendor Name	Transaction Description	Check Amount
00028760366	1/31/2017	1/31/2017	01	State Board Of Equalization	Quarterly Sales Tax October - December 2016	1,267.00
000705466	1/31/2017	1/31/2017	01	Konica Minolta Business Solutions	Big Printer Lease	351.80
000705466	1/31/2017	1/31/2017	01	Konica Minolta Business Solutions	Individual Printer Lease	662.95
011817UPS	1/31/2017	1/31/2017	01	Ups	Express Shipping	58.85
011817UPS	1/31/2017	1/31/2017	01	Ups	Express Shipping	50.78
011817UPS	1/31/2017	1/31/2017	01	Ups	Express Shipping	276.21
011817UPS	1/31/2017	1/31/2017	01	Ups	Express Shipping	54.26
011817UPS	1/31/2017	1/31/2017	01	Ups	Express Shipping	32.56
10511934	1/31/2017	1/31/2017	01	Verizon Wireless	Telephone Charges	152.04
10511935	1/31/2017	1/31/2017	01	Verizon Wireless	Telephone Charges	1,827.66
1fe4364b0d-1	1/24/2017	1/24/2017	01	Billings, Richard	Retiree Health Benefit Allowance	797.46
1fe4364b0d-10	1/24/2017	1/24/2017	01	Mark Mcgee	Retiree Health Benefit Allowance	443.00
1fe4364b0d-11	1/24/2017	1/24/2017	01	Lillie Montgomery	Retiree Health Benefit Allowance	443.00
1fe4364b0d-12	1/24/2017	1/24/2017	01	L. Christina Nalian	Retiree Health Benefit Allowance	443.00
1fe4364b0d-13	1/24/2017	1/24/2017	01	Nave, Patrick	Retiree Health Benefit Allowance	443.00
1fe4364b0d-2	1/24/2017	1/24/2017	01	Roy Dagnino	Retiree Health Benefit Allowance	443.00
1fe4364b0d-3	1/24/2017	1/24/2017	01	Tim Davis	Retiree Health Benefit Allowance	443.00
1fe4364b0d-4	1/24/2017	1/24/2017	01	Terrie Gossard Flint	Retiree Health Benefit Allowance	261.76
1fe4364b0d-5	1/24/2017	1/24/2017	01	Gillette, Randy	Retiree Health Benefit Allowance	443.00
1fe4364b0d-6	1/24/2017	1/24/2017	01	Andrew Gyurcsik	Retiree Health Benefit Allowance	443.00
1fe4364b0d-7	1/24/2017	1/24/2017	01	Patricia J Johnson	Retiree Health Benefit Allowance	172.48
1fe4364b0d-8	1/24/2017	1/24/2017	01	Olin Keniston	Retiree Health Benefit Allowance	261.76
1fe4364b0d-9	1/24/2017	1/24/2017	01	Randy Main	Retiree Health Benefit Allowance	443.00
57b4ad0ac6-1	1/24/2017	1/24/2017	07	2G Energy Inc.	2GEN000 Credit 14127	(4,192.11)
57b4ad0ac6-1	1/24/2017	1/24/2017	07	2G Energy Inc.	CHP #2 Cylinder Head	4,273.39
57b4ad0ac6-10	1/24/2017	1/24/2017	09	Carollo Engineers, A Professional Corporation	Subregional Engineering Services	43,207.50
57b4ad0ac6-11	1/24/2017	1/24/2017	01	Cdw Government, Inc	Parts Order	543.63
57b4ad0ac6-11	1/24/2017	1/24/2017	01	Cdw Government, Inc	Parts Order	76.91
57b4ad0ac6-11	1/24/2017	1/24/2017	01	Cdw Government, Inc	Parts Order	153.79
57b4ad0ac6-11	1/24/2017	1/24/2017	01	Cdw Government, Inc	Parts Order	1,077.04
57b4ad0ac6-11	1/24/2017	1/24/2017	01	Cdw Government, Inc	Parts Order	545.85
57b4ad0ac6-11	1/24/2017	1/24/2017	01	Cdw Government, Inc	Parts Order	162.60
57b4ad0ac6-12	1/24/2017	1/24/2017	01	Crane Pro Services	Quarterly Inspection	1,430.00
57b4ad0ac6-12	1/24/2017	1/24/2017	01	Crane Pro Services	Replaced Fuse in Crane	440.00
57b4ad0ac6-13	1/24/2017	1/24/2017	01	Culligan Water Conditioning	Softener Tank Service	470.00
57b4ad0ac6-13	1/24/2017	1/24/2017	01	Culligan Water Conditioning	Water Softener	470.00
57b4ad0ac6-14	1/24/2017	1/24/2017	01	D.K.F. Solutions Inc.	MSO Annual Subscription	350.00
57b4ad0ac6-2	1/24/2017	1/24/2017	01	A.D.S. Corp.	Flow Monitoring	8,333.28
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Daily Sampling	200.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	148.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	54.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	228.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	180.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	400.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	352.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	560.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	148.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	415.50
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	40.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	400.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	200.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	560.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	1,192.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Lab Analysis	384.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	96.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	264.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	400.00

**Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 1/01/17 through 1/31/17**

Check Number	Check Date	Effective Date	Fund Code	Vendor Name	Transaction Description	Check Amount
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	400.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	560.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	1,216.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	400.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	200.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	96.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	320.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	232.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	400.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	176.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	644.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	304.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	560.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	300.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	352.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	560.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	400.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	400.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	1,264.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	304.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	200.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	352.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	264.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	400.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	60.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-21	1/24/2017	1/24/2017	01	E.S. Babcock & Sons, Inc.	Open PO for Daily Sampling	132.00
57b4ad0ac6-22	1/24/2017	1/24/2017	01	Evoqua Water Technologies Llc	Bioxide	8,486.47
57b4ad0ac6-23	1/24/2017	1/24/2017	01	Gierlich Mitchell, Inc.	Stator and Rotor	530.00
57b4ad0ac6-23	1/24/2017	1/24/2017	07	Gierlich Mitchell, Inc.	Stator and Rotor	3,896.25
57b4ad0ac6-24	1/24/2017	1/24/2017	01	Grainger	Consumables	28.71
57b4ad0ac6-24	1/24/2017	1/24/2017	01	Grainger	Consumables	90.40
57b4ad0ac6-24	1/24/2017	1/24/2017	01	Grainger	Keepstock	827.71
57b4ad0ac6-24	1/24/2017	1/24/2017	01	Grainger	Keepstock	110.51
57b4ad0ac6-24	1/24/2017	1/24/2017	01	Grainger	Keepstock	89.86
57b4ad0ac6-24	1/24/2017	1/24/2017	01	Grainger	Keepstock Machine Refills	207.38
57b4ad0ac6-24	1/24/2017	1/24/2017	01	Grainger	Keepstock Machine Refills	262.20
57b4ad0ac6-24	1/24/2017	1/24/2017	01	Grainger	Mobile Grease	223.82
57b4ad0ac6-25	1/24/2017	1/24/2017	01	Hach Company	Nitrate	302.07
57b4ad0ac6-26	1/24/2017	1/24/2017	01	Honest Johns Septic Service, Inc.	AVPS Service	1,200.00
57b4ad0ac6-26	1/24/2017	1/24/2017	01	Honest Johns Septic Service, Inc.	AVPS Wet Well Pumping	1,200.00
57b4ad0ac6-26	1/24/2017	1/24/2017	01	Honest Johns Septic Service, Inc.	AVPS Wet Well Pumping	1,200.00
57b4ad0ac6-27	1/24/2017	1/24/2017	01	Ilink Business Management	Janitorial Services	2,569.76
57b4ad0ac6-28	1/24/2017	1/24/2017	01	Inland Water Works Supply	Piping for Pond	6,438.15
57b4ad0ac6-29	1/24/2017	1/24/2017	01	Innerline Engineering	Septage EQ Cleaning	1,925.00

**Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 1/01/17 through 1/31/17**

Check Number	Check Date	Effective Date	Fund Code	Vendor Name	Transaction Description	Check Amount
57b4ad0ac6-29	1/24/2017	1/24/2017	01	Innerline Engineering	Storm Drain Cleaning	1,960.00
57b4ad0ac6-3	1/24/2017	1/24/2017	01	All Covered	Cisco Configuration	1,280.00
57b4ad0ac6-30	1/24/2017	1/24/2017	01	Industrial Solution Services, Inc	Urea	1,945.51
57b4ad0ac6-31	1/24/2017	1/24/2017	01	Jwc Environmental	Muffin Monster Exchange	9,261.12
57b4ad0ac6-32	1/24/2017	1/24/2017	01	Larry Walker Associates	Non-Waste Determination	1,440.00
57b4ad0ac6-32	1/24/2017	1/24/2017	01	Larry Walker Associates	Pretreatment Program Assistance	190.00
57b4ad0ac6-32	1/24/2017	1/24/2017	09	Larry Walker Associates	Recycled Water Regulatroy Assistance	857.50
57b4ad0ac6-33	1/24/2017	1/24/2017	09	W.M. Lyles	Subregional Construction	2,362,847.24
57b4ad0ac6-34	1/24/2017	1/24/2017	01	Mcgrath Rentcorp	Admin Office Lease	3,358.80
57b4ad0ac6-34	1/24/2017	1/24/2017	01	Mcgrath Rentcorp	Admin Office Lease	3,351.03
57b4ad0ac6-35	1/24/2017	1/24/2017	09	Mwh Constructors	Subregionals Construction Management	130,749.34
57b4ad0ac6-36	1/24/2017	1/24/2017	01	Principal Life Ins. Co.	Dental and Vision Insurance	3,589.43
57b4ad0ac6-37	1/24/2017	1/24/2017	01	Protection One	Protection One Monitoring	523.53
57b4ad0ac6-38	1/24/2017	1/24/2017	09	Michael Baker International	CIP CM Services Support	912.96
57b4ad0ac6-38	1/24/2017	1/24/2017	07	Michael Baker International	R133 Construction Management	4,596.30
57b4ad0ac6-39	1/24/2017	1/24/2017	01	Rineco Chemical Industries, Inc.	Hazardous Waste Disposal	987.72
57b4ad0ac6-39	1/24/2017	1/24/2017	01	Rineco Chemical Industries, Inc.	Hazardous Waste Disposal	55.00
57b4ad0ac6-39	1/24/2017	1/24/2017	01	Rineco Chemical Industries, Inc.	Hazardous Waste Disposal	2,151.20
57b4ad0ac6-4	1/24/2017	1/24/2017	01	Applied Maintenance Supplies & Solution	Hardware Consumables	590.22
57b4ad0ac6-4	1/24/2017	1/24/2017	01	Applied Maintenance Supplies & Solution	Hardware Consumables	547.52
57b4ad0ac6-40	1/24/2017	1/24/2017	01	Spencer Turbine Company	5HP Motor	2,694.10
57b4ad0ac6-41	1/24/2017	1/24/2017	01	Underground Service Alert Of Southern Ca	Dig Alert Charges	51.00
57b4ad0ac6-41	1/24/2017	1/24/2017	01	Underground Service Alert Of Southern Ca	Dig Alert Charges	79.50
57b4ad0ac6-42	1/24/2017	1/24/2017	01	U.S.A. Bluebook	Disposable Wipes	604.58
57b4ad0ac6-42	1/24/2017	1/24/2017	01	U.S.A. Bluebook	Orion Conductivity	553.53
57b4ad0ac6-43	1/24/2017	1/24/2017	01	U.S. Bank	ACH Invoices	4,485.09
57b4ad0ac6-44	1/24/2017	1/24/2017	01	Vision Internet Providers	Web Hosting	231.52
57b4ad0ac6-45	1/24/2017	1/24/2017	01	Waxie Sanitary Supply	Janitorial Supplies	235.28
57b4ad0ac6-46	1/24/2017	1/24/2017	01	West Coast Safety Supply	Calibration	1,940.87
57b4ad0ac6-46	1/24/2017	1/24/2017	01	West Coast Safety Supply	Repair	745.40
57b4ad0ac6-5	1/24/2017	1/24/2017	01	Solenis Llc	Praestol	6,924.96
57b4ad0ac6-6	1/24/2017	1/24/2017	01	Best, Best & Krieger, L.L.P.	CEQA Matters	79.80
57b4ad0ac6-6	1/24/2017	1/24/2017	01	Best, Best & Krieger, L.L.P.	Contract Review	1,862.00
57b4ad0ac6-6	1/24/2017	1/24/2017	01	Best, Best & Krieger, L.L.P.	Ethics and Governance	498.20
57b4ad0ac6-6	1/24/2017	1/24/2017	01	Best, Best & Krieger, L.L.P.	Evaluation of Victorville Project	5,054.00
57b4ad0ac6-6	1/24/2017	1/24/2017	01	Best, Best & Krieger, L.L.P.	General- Retainer	11,142.47
57b4ad0ac6-6	1/24/2017	1/24/2017	01	Best, Best & Krieger, L.L.P.	J.W. Fowler	2,766.40
57b4ad0ac6-6	1/24/2017	1/24/2017	01	Best, Best & Krieger, L.L.P.	Labor Matters	16,081.26
57b4ad0ac6-6	1/24/2017	1/24/2017	01	Best, Best & Krieger, L.L.P.	Projects	42.79
57b4ad0ac6-6	1/24/2017	1/24/2017	01	Best, Best & Krieger, L.L.P.	Public Contract Drafting	5,956.40
57b4ad0ac6-7	1/24/2017	1/24/2017	09	Biogas Power Systems- Mojave, Llc	Biogas Project	61,167.00
57b4ad0ac6-8	1/24/2017	1/24/2017	01	Brenntag Pacific, Inc	BREN001 BPI250901 Credit	(405.00)
57b4ad0ac6-8	1/24/2017	1/24/2017	01	Brenntag Pacific, Inc	Ferric Chloride	5,881.03
57b4ad0ac6-8	1/24/2017	1/24/2017	01	Brenntag Pacific, Inc	Ferric Chloride	4,819.55
57b4ad0ac6-8	1/24/2017	1/24/2017	01	Brenntag Pacific, Inc	Sodium Hypochlorite	2,169.39
57b4ad0ac6-9	1/24/2017	1/24/2017	01	Caltrol, Inc.	Motor for EIM Actuator	1,176.95
57b4ad0ac6-9	1/24/2017	1/24/2017	01	Caltrol, Inc.	RAS 4 MOV	716.33
622716580	1/31/2017	1/31/2017	01	City Of Victorville / Utility Billing	Utility Bill	3,386.63
706079	1/31/2017	1/31/2017	09	State Water Resources Control Board	UNR SRF Financing Agreement	143,899.80
706293	1/31/2017	1/31/2017	01	Swrcb	Sub Regional Plant Apple	4,699.00
706507	1/31/2017	1/31/2017	01	Swrcb	Sub Regional Hesp	4,699.00
706541	1/31/2017	1/31/2017	01	Swrcb	DWR Permit	18,823.00
706616	1/31/2017	1/31/2017	01	Swrcb	NPDES	57,637.00
706647	1/31/2017	1/31/2017	01	Swrcb	Collection System	11,195.00
800206	1/31/2017	1/31/2017	09	State Water Resources Control Board	UNR Principal Payment Ref 7805	810,977.29
82380696860189	1/31/2017	1/31/2017	01	Southern California Edison	Electricity Charges	29,883.07
83204268100189	1/31/2017	1/31/2017	01	Southern California Edison	Electricity Charges	1,340.38
840712	1/31/2017	1/31/2017	01	Swrcb	Logan Olds Grade 5 Renewal	440.00
8e74d99b4b-1	1/18/2017	1/18/2017	07	D.D.H. Apple Valley Construction, Inc.	AVCC Emergency Reclaimed Water Line I	15,580.70
8e74d99b4b-1	1/18/2017	1/18/2017	09	D.D.H. Apple Valley Construction, Inc.	BNSF Crossing Phase 2	104,582.06
8e74d99b4b-1	1/18/2017	1/18/2017	09	D.D.H. Apple Valley Construction, Inc.	BNSF Phase 2 Retention Release	51,263.22
8e74d99b4b-1	1/18/2017	1/18/2017	01	D.D.H. Apple Valley Construction, Inc.	Upper Narrows Emergency Removal	89,566.00
8e74d99b4b-1	1/18/2017	1/18/2017	01	D.D.H. Apple Valley Construction, Inc.	Upper Narrows Emergency Removal	1,491.50
8e74d99b4b-2	1/18/2017	1/18/2017	09	James W. Fowler Co.	Upper Narrows Pipeline Replacement	1,248,889.01
8e74d99b4b-3	1/18/2017	1/18/2017	09	Aecom	CM Services- Amount withheld from initial	2,220.23
8e74d99b4b-3	1/18/2017	1/18/2017	09	Aecom	E004 CM Services Upper Narrows Replace	13,522.72
8e74d99b4b-3	1/18/2017	1/18/2017	09	Aecom	E004 CM Services Upper Narrows Replace	18,088.00
8e74d99b4b-3	1/18/2017	1/18/2017	09	Aecom	E004 CM Services Upper Narrows Replace	11,157.00
8e74d99b4b-4	1/18/2017	1/18/2017	01	Victor Valley Wastewater Employees Asso	Employee Association Dues Deduction	600.00
9100001872006	1/31/2017	1/31/2017	01	Lincoln Financial Group	Life and Disability Insurance	3,137.92
9100001872006	1/31/2017	1/31/2017	01	Lincoln Financial Group	Life and Disability Insurance	132.01
c214245a91	1/31/2017	1/31/2017	01	Fedak & Brown Llp	Audit Services	5,019.00
c214245a91	1/31/2017	1/31/2017	01	Fedak & Brown Llp	Audit Services	9,700.00
CHAR011817	1/31/2017	1/31/2017	01	Charter Communications	Telephone Charges	99.58

**Victor Valley Wastewater Reclamation Authority
Cash Disbursement Register
From 1/01/17 through 1/31/17**

Check Number	Check Date	Effective Date	Fund Code	Vendor Name	Transaction Description	Check Amount
CHAR5603	1/31/2017	1/31/2017	01	Charter Communications	Telephone Charges	2,498.60
ed74b3084c-1	1/24/2017	1/24/2017	01	Salvador Carlos	Certification Reimbursement	170.00
ed74b3084c-1	1/24/2017	1/24/2017	01	Salvador Carlos	Grade 3 Reimbursement	350.00
ed74b3084c-2	1/24/2017	1/24/2017	01	Keith Lueken	Grade 5 Reimbursement	340.00
ed74b3084c-3	1/24/2017	1/24/2017	01	Mauricio Marin	Mauricio Marin Training	72.00
SWG011817	1/31/2017	1/31/2017	01	Southwest Gas Company	Natural Gas	6,198.72
Total ACH and EFT's						<u>5,458,533.50</u>

cm 020717
APPROVED

Total Checks and ACH's	5,639,221.34
Payroll - January 16	265,918.29
Total Disbursements - January 2017	<u>5,905,139.63</u>

**MINUTES OF A REGULAR MEETING
REGULAR MEETING OF THE BOARD OF COMMISSIONERS
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (VWVRA)
January 19, 2017**

CALL TO ORDER: Vice-Chair Russ Blewett called the meeting to order at 8:03 am; in Conference Room D at Victorville City Hall, located at 14343 Civic Drive, Victorville California, with the following members present:

CITY OF VICTORVILLE	Jim Kennedy, ABSENT
HESPERIA WATER DISTRICT	Russell Blewett, Vice Chair
ORO GRANDE (CSA 42) AND	Jeff Rigney, ABSENT
SPRING VALLEY LAKE (CSA 64)	
TOWN OF APPLE VALLEY	Scott Nassif, ABSENT

VWVRA Staff and Legal Counsel:

Logan Olds, General Manager	Kristi Casteel, Secretary to GM/Board
David Wylie, Safety & Communications Officer	
Robert Coromina, Director of Administration	

Others Present:

NONE

CLOSED SESSION

PUBLIC COMMENTS- CLOSED SESSION AGENDA

REGULAR SESSION

CALL TO ORDER & PLEDGE OF ALLEGIANCE

Vice-Chair Russ Blewett called the meeting to order at 8:03 am. Vice-Chair Russ Blewett adjourned the meeting to 8:00 AM on Thursday, January 26, 2017 at the City of Victorville, 14343 Civic Drive, Victorville CA 92392- Conference Room D due to lack of quorum.

REPORT FROM CLOSED SESSION

PUBLIC COMMENTS- REGULAR SESSION AGENDA

ANNOUNCEMENTS AND CORRESPONDENCE:

VVWRA Regular Meeting Minutes**Thursday December 8, 2016****Page 2**

11. **Possible conflict of interest issues**
12. **Letter: Conservation a Way of Life**
13. **Article: Environmental Science & Technology**

CONSENT CALENDAR:

14. **Approve November & December 2016 Disbursement Registers**
15. **Approve Minutes from the December 8, 2016 Regular Meeting**
16. **Recommendation to Approve Professional Services for Luhdorff & Scalmanini to Prepare Annual Groundwater Monitoring Reports**

REPORTS & PRESENTATIONS:

17. **Presentation: Lucity Update (Laari)**
18. **Presentation: Single Audit (Keagy)**

PUBLIC HEARING:

19. **Microgrid & Battery Storage Project**

ACTION & DISCUSSION ITEMS:

20. **Recommendation to Approve Resolution 2017-03: Battery Storage Project**
21. **Recommendation to Approve Resolution 2017-01: Receive and File A Single Audit**
22. **Recommendation for Finance Software Integration with the Computerized Maintenance Management System (CMMS)**
23. **Condition of Biosolids Drying Beds Due to Rain Events**
24. **Update on Desert Knolls Wash Interceptor Damage**
25. **Waiver re: Representation of Anaergia, Inc.**

STAFF/PROFESSIONAL SERVICES REPORTS:

26. **Financial and Investment Report –November & December 2016**

**VVWRA Regular Meeting Minutes
Thursday December 8, 2016
Page 3**

- 27. Operations & Maintenance Report – November & December 2016**
- 28. Environmental Compliance Department Reports – November & December 2016**
- 29. Septage Receiving Facility Reports – November & December 2016**
- 30. Safety & Communications Report – November & December 2016**

NEXT VVWRA BOARD MEETING:

Thursday, February 16, 2017 – Regular Meeting of the Board of Commissioners

FUTURE AGENDA ITEMS

Resolution- Appreciation of Service for Steve Schindler (March)

Leave Policy

Mid-year Budget Review

COMMISSIONER COMMENTS

ADJOURNMENT

APPROVAL:

DATE: _____
Approved by VVWRA Board

BY: _____
Jeff Rigney, Secretary
VVWRA Board of Commissioners

**MINUTES OF A REGULAR MEETING
REGULAR MEETING OF THE BOARD OF COMMISSIONERS
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (VWRA)
January 26, 2017 Adjourned from January 19, 2017**

CALL TO ORDER: Chair Jim Kennedy called the meeting to order at 8:01 am; in Conference Room D at Victorville City Hall, located at 14343 Civic Drive, Victorville California, with the following members present:

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

**Jim Kennedy, Chair
Russell Blewett, Vice Chair
Jeff Rigney, Secretary- ABSENT

Scott Nassif, Treasurer**

VWRA Staff and Legal Counsel:

**Logan Olds, General Manager
Piero Dallarda, Legal Counsel (BB&K)
Angela Valles, Director of Finance
Xiwei Wang, Accountant
Robert Coromina, Director of Administration
Marcos Avila, Lead Mechanic**

**Kristi Casteel, Secretary to GM/Board
Alton Anderson, Construction Manager
Chieko Keagy, Accounting Supervisor
Latif Laari, Regulatory & IT Supervisor
Eugene Davis, Acting Director of Operations**

Others Present:

**Jim Cox, City of Victorville
Brian Johnson, City of Hesperia
Walter Linn, Rep for Congressman Cook
Brian Gengler, City of Victorville
Greg Snyder, Town of Apple Valley**

Nils Bentsen, City of Hesperia

CLOSED SESSION

PUBLIC COMMENTS- CLOSED SESSION AGENDA

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

Commissioner Nassif made a motion to enter into Closed Session, which was seconded by Commissioner Blewett and approved by unanimous voice vote.

REGULAR SESSION

VVWRA Regular Meeting Minutes
Thursday January 26, 2017 Adjourned from January 19, 2017
Page 2

CALL TO ORDER & PLEDGE OF ALLEGIANCE

Chair Kennedy called the meeting to order at 9:06 am.

REPORT FROM CLOSED SESSION

Nothing to report

PUBLIC COMMENTS- REGULAR SESSION AGENDA

None

ANNOUNCEMENTS AND CORRESPONDENCE:

5. Possible conflict of interest issues

Commissioner Nassif abstained from any disbursements to Napa Auto Parts.

6. Letter: Conservation a Way of Life

7. Article: Environmental Science & Technology

CONSENT CALENDAR:

8. Approve November & December 2016 Disbursement Registers

Commissioner Nassif abstained from any disbursements to Napa Auto Parts.

9. Approve Minutes from the December 8, 2016 Regular Meeting

10. Recommendation to Approve Professional Services for Luhdorff & Scalmanini to Prepare Annual Groundwater Monitoring Reports

Commissioner Nassif made a motion to approve the consent calendar, seconded by Commissioner Blewett and approved by roll call vote with Commissioner Nassif abstaining from any disbursements to Napa Auto Parts.

Chair Kennedy: Yes

Commissioner Blewett: Yes

Commissioner Nassif: Yes

VVWRA Regular Meeting Minutes
Thursday January 26, 2017 Adjourned from January 19, 2017
Page 3

REPORTS & PRESENTATIONS:

11. Presentation: Lucity Update (Laari)

Latif Laari presented an update on Lucity.

12. Presentation: Single Audit (Keagy)

Chieko Keagy gave a presentation on Single Audit.

PUBLIC HEARING:

13. Microgrid & Battery Storage Project

Chair Kennedy opened the Public Hearing 9:35 AM

He asked if there were any comments from the public.

Manager Olds stated that the public hearing is a requirement of the California Energy Commission. Traditionally, the Board approves a project, authorize it, and the contracting is done between legal counsel, Manager Olds, and the third party. The California Energy Commission has added in an additional step to have it approved by the governing body, the Board of Commissioners. Resolution 2017-03 will address all of the California Energy Commission requirements for contracting. The project has already been approved by the California Energy Commission and the Board of Commissioner's. This is simply just going through all the steps they require.

Chair Kennedy asked if there was anyone else who would like to comment. Hearing none, he closed the Public Hearing. 9:37 am

ACTION & DISCUSSION ITEMS:

14. Recommendation to Approve Resolution 2017-03: Battery Storage Project

Commissioner Blewett made a motion to approve Resolution, seconded by Commissioner Nassif

Chair Kennedy: Yes

Commissioner Blewett: Yes

Commissioner Nassif: Yes

VVWRA Regular Meeting Minutes
Thursday January 26, 2017 Adjourned from January 19, 2017
Page 4

15. Recommendation to Approve Resolution 2017-01: Receive and File A Single Audit

Commissioner Blewett made a motion to approve recommendation, seconded by Commissioner Nassif

Chair Kennedy: Yes

Commissioner Blewett: Yes

Commissioner Nassif: Yes

16. Recommendation for Finance Software Integration with the Computerized Maintenance Management System (CMMS)

Manager Olds stated that with the implementation of this program, it would allow Lucity to link with the finance software and take care of a lot of the background financing.

Robert Coromina stated that currently, the finance software and Lucity are independent of one another. This software would allow the transfer of information between the two systems for purchasing, budgeting, and asset management.

Commissioner Nassif made a motion to approve recommendation, seconded by Commissioner Blewett

Chair Kennedy: Yes

Commissioner Blewett: Yes

Commissioner Nassif: Yes

17. Condition of Biosolids Drying Beds Due to Rain Events

Manager Olds showed the Board a map showing VVWRA's drying beds. This entire facility is dependent on good, warm, sunny weather to process all of the biosolids that our community generates. Due to the rain storms that occurred between Christmas and New Year's, the drying beds now look like ponds. Starting out the winter season, VVWRA measures out how many days of storage is left for the season, the beginning of this winter season there was 62 days of storage. As of January 25 there were 16 days of capacity left. If there is another rain event that takes those 16 days away, there is no location to store the biosolids. VVWRA obtained a quote from a company named Synagro to get rid of the solids. The cost just to maintain what is being done, to give VVWRA the five month window it anticipates the need for, is \$961,757. This is just to get through to July of this year. To get ahead just a little, the quote is \$1,020, 958. VVWRA does not have the funds to do this.

Manager Olds introduced Marcos Avila and Eugene Davis. Marcos and Eugene came up with an idea. Staff would like to try to use a gravity belt thickener, attach a hopper and pipeline to send to

VVWRA Regular Meeting Minutes**Thursday January 26, 2017 Adjourned from January 19, 2017****Page 5**

beds four and five to maximize the use of the capacity in those beds. VVWRA has most of the parts required for this project. Manager Olds said he just wanted to make the Board aware of the situation.

18. Update on Desert Knolls Wash Interceptor Damage

Manager Olds stated that this was just an update along with pictures. On page 18-2, is a picture of the main line that serves all of the Town of Apple Valley. The line is bowed, and sewer lines should not be bowed. The line should be flat and it should not be fully exposed. There has not been a sewer spill but the concern is that future rain, rock, or debris could push up against the pipe and separate the joints. Staff put 2 inch minus around this pipeline to protect it and keep it in position so that nothing else changes and put in ½ ton rock above it from where the river started to come down to the manhole that is lower down to divert flows around the pipe in Desert Knolls Wash.

19. Waiver re: Representation of Anaergia, Inc.

Commissioner Nassif made a motion to table this item, seconded by Commissioner Blewett

Chair Kennedy: Yes

Commissioner Blewett: Yes

Commissioner Nassif: Yes

STAFF/PROFESSIONAL SERVICES REPORTS:

- 20. Financial and Investment Report –November & December 2016**
- 21. Operations & Maintenance Report – November & December 2016**
- 22. Environmental Compliance Department Reports – November & December 2016**
- 23. Septage Receiving Facility Reports – November & December 2016**
- 24. Safety & Communications Report – November & December 2016**

NEXT VVWRA BOARD MEETING:

Thursday, February 16, 2017 – Regular Meeting of the Board of Commissioners

FUTURE AGENDA ITEMS

VVWRA Regular Meeting Minutes
Thursday January 26, 2017 Adjourned from January 19, 2017
Page 6

Resolution- Appreciation of Service for Steve Schindler (March)

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COMMISSIONER COMMENTS

ADJOURNMENT

APPROVAL:


DATE: _____
Approved by VVWRA Board

BY: _____
Jeff Rigney, Secretary
VVWRA Board of Commissioners



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

16 February 2017

FROM: Logan Olds, General Manager 

TO: Board of Commissioners

SUBJECT: Larry Walker and Associates, 2017 Regulatory Assistance

RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to engage Larry Walker and Associates in a professional service agreement for the purpose of providing regulatory assistance in an amount not to exceed \$42,000.00

REVIEW BY OTHERS

This recommendation was reviewed by Piero Dallarda, Legal Counsel.

BACKGROUND INFORMATION

The loss of VVWRA's Director of Operations created an issue with the preparation of the annual reports to Lahontan Regional Water Quality Control Board and Region 9 EPA. Staff intends to assist in the preparation of the annual reports listed in the attached scope of work so that this function may be performed in house in 2018. Currently staff is trained in the submission of monthly and quarterly water quality reports. The annual reports require additional effort to prepare as well as their submittal electronically in the correct formatting.

FINANCIAL IMPACT

The cost of this professional service will be funded by a transfer from the budgeted personnel expense for Director of Operations to Regulatory Consulting account 8135.

Finance Approval:

Fund 01 or 07	
Accounting Code (String) example: 01-xx-xxx-xxxx (project code if any)	01-03-300-8135
Transfer Needed due to Insufficient Budget	Y[X] N[]
If Transfer, from Which Account String or Reserve	01-03-300-5000

Fund 09	
Accounting Code (String) example: 09-xx-xxx-xxxx (<u>mandatory</u> project code)	
Transfer Needed due to Insufficient Budget	Y[] N[]
If Transfer, from Which Account String or Reserve	

Budgeted Amount Where Money Comes from	
Budget Remaining after the Recommendation	
Outside Funding Source if applicable	\$
Original Contract Amount	\$42,000.00
Change Order	Y [] N []
Contract after Change	\$

Budgeted Amount Where Money Comes from	
Budget Remaining after the Recommendation	
Outside Funding Source	\$
Original Contract Amount	\$
Change Order	Y [] N []
Contract after Change	\$

RELATED IMPACTS

The ability to submit the required annual reports on time and accurately.



January 31, 2017

Mr. Logan Olds
 General Manager
 Victor Valley Wastewater Reclamation Authority
 15776 Main Street, Suite 3
 Hesperia, CA 92345

Scope of Services – 2017 Regulatory Assistance

Dear Logan:

As we have discussed, Larry Walker Associates is pleased to assist VVWRA with implementation of its permit requirements including:

- Facilitating Recycled Water Program Implementation under the Statewide General Order
- Preparing annual reports required by VVWRA's permits including R6V-2012-0058, R6V-2013-0003, R6V-2013-0004, R6V-2013-0038, and R6V-2003-028)
- General Regulatory Assistance

The effort to conduct these tasks is described in the Scope of Work. A budget and schedule are also provided.

SCOPE OF WORK

LWA will assist with VVWRA permit requirements according to the following tasks:

Task 1. Facilitate Recycled Water Program Implementation

As of January 11, 2017, use of VVWRA recycled water (except at the West Winds Golf Course and HDPP) is regulated by the Statewide General Order Water Recycling Requirements (Order No. WQ 2016-0068-DDW). The new permit covers recycled water produced at the Regional WRP and the Subregional WRPs. LWA will train VVWRA staff and member agency staff regarding the requirements of this Order. LWA staff will provide an overview of the new permit, the program developed to comply with the new permit and any significant changes to the current program that may be needed. LWA will facilitate 2 meetings: one with VVWRA staff and one with member agency staff. The budget is based on the meetings being conducted on two separate days and two LWA staff participating in the meetings. LWA will prepare meeting materials and meeting summaries.

Task 2. Prepare Required Reports

VVWRA's discharge permits include requirements to submit the reports listed in the Table below:

Report	Permit Order No.	Section(s)	Due Date
Annual Percolation Pond Report	R6V-2012-0058	II.D.1 II.D.2 II.D.6	Feb 1, 2017
Annual Monitoring Report	R6V-2013-0038	X.B.5 X.B.7.a X.B.7.b	Mar 1, 2017
Annual DMR forms	R6V-2013-0038	X.C	Mar 1, 2017
Annual Facility Monitoring Report	R6V-2013-0038	X.D.4	Mar 1, 2017
Annual Pretreatment Report	R6V-2013-0038	X.D.1	Mar 1, 2017
Recycled Water Annual Report	R6V-2003-028	II.D	Apr 1, 2017

LWA will assist with the preparation of these reports according to the following subtasks.

Task 2.1. Prepare Annual Percolation Pond Report (R6V-2012-0058)

LWA will provide a data and information request to VVWRA staff for influent, effluent, pond levels and sludge monitoring as outlined in Order No. R6V-2012-0058. LWA will use the data to create tables and graphs as required under items 1 and 2 of Section II.D of Order No. R6V-2012-0058.

The Annual Percolation Pond Report will be prepared with a Compliance Assessment, as required by item 6 of Section II.D of Order No. R6V-2012-0058. A draft report will be prepared within 1 week after receiving the data from VVWRA. LWA will revise the draft based on VVWRA's comments and prepare a report for submittal by February 1, 2017.

Task 2.2. Prepare Annual Discharge Monitoring Report (R6V-2013-0038)

LWA will provide a data request to VVWRA staff for additional data and lab reports as necessary including: annual effluent, receiving water and biosolids monitoring data required by the Monitoring and Reporting Program. LWA will compile the data and complete the annual DMR form 001-Y, per the directions in Section X.B.7.a of the Monitoring and Reporting Program of Order No. R6V-2013-0038. LWA will prepare an annual report/cover letter to accompany the data, including a compliance determination as required by Section X.B.5 of the Monitoring and Reporting Program. The compliance determination will identify any violations and include a discussion of corrective actions taken or planned and a proposed time schedule for corrective actions (if necessary), as required by Section X.B.7.b of the Monitoring and Reporting Program. A draft report will be prepared within 2 weeks after receiving the data from VVWRA. LWA will revise the draft based on VVWRA's comments and upload the report to CIWQS by March 1, 2017.

Task 2.3. Prepare Annual Facility Monitoring Report (R6V-2013-0038)

LWA will provide a data request to the VVWRA staff for all additional effluent and receiving water data collected during the 2016 monitoring year (all daily, weekly, monthly and quarterly data).

LWA will prepare the Annual Facility Monitoring Report by summarizing the data in tabular and graphical format, as required by Section X.D.4 of the Monitoring and Reporting Program of Order No. R6V-2013-0038. A draft report will be prepared within 2 weeks after receiving the data from VVWRA. LWA will revise the draft based on VVWRA's comments and prepare a report for submittal by March 1, 2017.

Task 2.4. Prepare Annual Pretreatment Report (R6V-2013-0038)

LWA will provide a data and information request to VVWRA staff for the following items, listed in Section X.D.1 of the Monitoring and Reporting Program:

- a) Influent, effluent, and sludge for pollutants identified under Section 307(a) of the Clean Water Act and non-priority pollutants listed in the Pretreatment Program Plan,
- b) Information regarding incidents caused by industrial users of the treatment plant,
- c) The cumulative number of industrial users that have been notified regarding Baseline Monitoring Reports and the number of responses,
- d) A list of the significant industrial users, specifying industrial users subject to federal categorical standards, and the compliance status of each user,
- e) Inspection and sampling activities,
- f) Compliance and enforcement activities,
- g) A description of any significant changes in operating the pretreatment program,
- h) The annual pretreatment budget,
- i) A summary of public participation activities, and
- j) A description of any changes in sludge disposal methods or other concerns.

LWA will prepare an Annual Pretreatment Report using the data and information collected, as well as the reason for any non-compliance that may have occurred during the 2016 monitoring year, and how and when compliance will be achieved. A draft report will be prepared within 2 weeks after receiving the data from VVWRA. LWA will revise the draft based on VVWRA's comments and prepare a report for submittal by March 1, 2017. LWA will assist with submittal of the report.

Task 2.5. Prepare Recycled Water Annual Report (R6V-2003-028)

LWA will provide a data request to the VVWRA staff for all recycled water monitoring and groundwater monitoring data collected during the 2016 monitoring year.

LWA will prepare a Recycled Water Annual Report containing tabular and graphical summaries of the 2016 monitoring data, an evaluation of the compliance record and a summary of corrective actions taken or planned to achieve full compliance, a list of analytical methods and associated laboratory quality assurance/quality control

procedures, and a list of laboratories and their certifications, as required by Section II.D of Order No. R6V-2003-028.

Task 3. Regulatory Assistance

LWA will assist with regulatory issues and questions that may arise as a result of new regulations that may impact VVWRA or in response to concerns regarding permit requirements. Work under this task will only be conducted at the request of VVWRA staff.

Task 4. Project management

Under this task, LWA will review project status and budget and conduct general communication with VVWRA.

BUDGET

The above tasks will be conducted for a cost not to exceed \$42,000 on a time and materials basis according to our standard billing rates, which are attached. An estimated breakdown by tasks is shown below.

Larry Walker Associates Cost Estimate VVWRA 2017 Regulatory Assistance										
		Project Manager:	Associate:	Project Engineer IIA:	Project Engineer IA:	Contract Admin- istrator:	Total Hours	Total Labor Costs	Other Direct Costs	Total Costs
		\$245	\$245	\$195	\$160	\$145				
1	Facilitate Recycled Water Program Implementation	16	20				36	\$8,820	\$2,000 (2)	\$10,820
2	Prepare Annual Reports									
2.1	Annual Percolation Pond Report	2		16			18	\$3,610		\$3,610
2.2	Annual Discharge Monitoring Report	2		12			14	\$2,830		\$2,830
	SMR data format				12		12	\$1,920		\$1,920
	Complete DMR form				8		8	\$1,280		\$1,280
2.3	Annual Facility Monitoring Report	2		6	16		24	\$4,220		\$4,220
2.4	Annual Pretreatment Report	2		16	16		34	\$6,170		\$6,170
2.5	Recycled Water Annual Report	2		16			18	\$3,610		\$3,610
	Task 2 Sub-total	10		66	52		128	\$23,640		\$23,640
3	Regulatory Assistance	8		12			20	\$4,300		\$4,300
4	Project Management	8				8	16	\$3,120		\$3,120
TOTAL PROJECT COSTS		42.0	20.0	78.00	52.0	8.0	200	\$39,880	\$2,000	\$41,880

(1) LWA hourly rates in effect from July 1, 2016 to June 30, 2017.

(2) Travel (mileage)

LWA can complete the annual reports by the specified dates assuming timely receipt of information from VVWRA staff. Thank you for the opportunity to provide this proposal for services. Please feel free to contact me at betsye@lwa.com or (530) 753-6400 if you have any questions.

Sincerely,




Betsy Elzufon
Associate



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

16 February 2017

FROM: Logan Olds, General Manager 
TO: Board of Commissioners
SUBJECT: First Amendment to the Biogas Generation and Services Agreement

RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to sign the First Amendment to the Biogas Generation and Services Agreement (Agreement) in an amount of \$3,379.00 per month for the remaining term of the agreement.

REVIEW BY OTHERS

This recommendation was reviewed by the Engineering Committee which includes Brian Gengler, City of Victorville, David Burkett, City of Hesperia, Tim Millington, County of San Bernardino Special Districts, Greg Snyder, Town of Apple Valley, Alton Anderson, VVWRA and Piero Dallarda, Legal Counsel. It was the consensus of the Engineering Committee to place this recommendation before the Board of Commissioners for consideration.

BACKGROUND INFORMATION

Attachment A to the Agreement includes a detailed list of unforeseen issues associated with the installation of the biogas to energy project. The total value to be financed is \$615,832 at 2% interest. The majority of the expense was due to unknown site conditions associated with the installation of SCE's interconnection infrastructure in the amount of \$457,953.00. Two years ago this issue was addressed with the Engineering Committee and it was the consensus of the group at that time to place this item before the Board for your consideration. However Anaergia requested that the item be delayed to allow for SCE to perform their final cost analysis. This was done with the belief that the final cost would be reduced. To date SCE has not completed this task. This Agreement includes a condition that when SCE completes their analysis that any credit be deducted from the remaining balance owed.

In 2016 VVWRA produced 73% of the electrical power for the wastewater treatment plant. This resulted in an electrical savings to the Authority of \$249,435.00 in 2015 and of \$606,724.00 in 2016, utilizing the TOU-8-S SCE billing category. Please refer to the materials provided for the presentation on VVWRA Energy projects for a full description of how the savings are calculated. Therefore the additional annual cost of \$40,548.00 still results in significant annual savings to VVWRA. It is estimated that during the life of the project that VVWRA will receive a benefit of \$15,623,307.00 in reduced electrical expenses. At midyear there are sufficient funds to pay for the additional FY16-17 expense of \$13,516.00.

FINANCIAL IMPACT

An increase in cost of \$3,379.00 per month, for a total of \$13,516.00 for FY 16-17.

Finance Approval:

Fund 01 or 07	
Accounting Code (String) example: 01-xx-xxx-xxxx (project code if any)	01-03-605-7085
Transfer Needed due to Insufficient Budget	Y[] N[X]
If Transfer, from Which Account String or Reserve	
Budgeted Amount Where Money Comes from	
Budget Remaining after the Recommendation	
Outside Funding Source if applicable	\$
Original Contract Amount	\$
Change Order	Y[] N[]
Contract after Change	\$

Fund 09	
Accounting Code (String) example: 09-xx-xxx-xxxx (mandatory project code)	
Transfer Needed due to Insufficient Budget	Y[] N[]
If Transfer, from Which Account String or Reserve	
Budgeted Amount Where Money Comes from	
Budget Remaining after the Recommendation	
Outside Funding Source	\$
Original Contract Amount	\$
Change Order	Y[] N[]
Contract after Change	\$

RELATED IMPACTS

None

**FIRST AMENDMENT
TO
BIOGAS POWER GENERATION AND SERVICES AGREEMENT**

This First Amendment to Biogas Power Generation and Services Agreement (“Amendment”), dated as of February __, 2017, (“Effective Date”) is entered into by and between BIOGAS POWER SYSTEMS - MOJAVE, LLC, a Delaware limited liability company (“BPS”), and VICTOR VALLEY WASTE WATER RECLAMATION AUTHORITY, a Joint Powers Authority and a Public Agency of State of California organized and existing in the County of San Bernardino under and by virtue of the laws of the State of California (“VVWRA”).

RECITALS

WHEREAS, VVWRA and Anaergia Services LLC, are parties to that certain Biogas Power Generation and Services Agreement dated as of March 25, 2013, and wherein BPS succeeded to all the rights and obligations of Anaergia Services LLC through the Amended and Restated Assignment and Assumption of Biogas Power Generation and Services Agreement dated as of April 30, 2013 (“Agreement”); and

WHEREAS, VVWRA and BPS have agreed upon certain changes to the Biogas Facility and its interconnection with the grid as a result of discussions with Southern California Edison (collectively, the “Modifications”) and such Modifications have resulted in additional costs for the construction of the Biogas Facility defined in the Agreement and such Modifications are as detailed on Exhibit “A” attached hereto and incorporated herein by this reference (“Additional Costs”); and

WHEREAS, VVWRA and BPS desire to amend the Agreement to account for the Modifications and the allocation of the Additional Costs;

NOW THEREFORE, in consideration of the mutual promises set forth below, recitals above, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. Modifications to Biogas Facility. BPS has either directly, or through the interconnection agreement with Southern California Edison, made and paid for the Modifications to the Biogas Facility which are described in Exhibit “A”.

2. Cost of Modifications. VVWRA will be responsible for Six Hundred Fifteen Thousand, Eight Hundred Thirty-Two Dollars (\$615,832.00) of the Additional Costs (“VVWRA Allocation”) and BPS will be responsible for the remainder of the Additional Costs. VVWRA will pay the VVWRA Allocation over the remainder of the Term in equal fixed monthly payments of Three Thousand Three Hundred Seventy-Nine Dollars (\$3,379.00) commencing on March 1, 2017. This amount will be in addition to the fixed payments provided for in Section 6.1 of the Agreement. The foregoing monthly payments are based upon an interest accrual on the VVWRA Allocation of two percent (2%) per annum. In the event that Southern California Edison issues any credit that is applicable to the Additional Costs, then such credit will be applied to the payment of the VVWRA Allocation.

3. Nature of Amendment. Except as expressly set forth herein, the Agreement shall remain in full force and effect. In the event there is any inconsistency between the terms hereof and the Agreement, this Amendment shall control.

[signature page follows]

IN WITNESS WHEREOF, VVWRA and BPS have executed this Amendment as of the date first set forth above.

BIOGAS ENERGY SYSTEMS - MOJAVE, LLC
a Delaware limited liability company

By: _____

Name: Arun Sharma

Title: President

VVWRA:
VICTOR VALLEY WASTEWATER RECLAMATION
AUTHORITY

By: _____
Logan Olds, General Manager

Changes Requested by VVWRA or Unknown Conditions during design and construction		
	Cost	Notes
Request for Independent Engineer to be carried in contract	\$39,815	VVWRA requested Independent Engineer to provide drawing comments and verification of performance test procedure and results
Independent Engineer for Blower and Low Pressure Gas Storage	\$3,835	Total Change order was \$7670 cost split 50/50 since Anaergia proposed low pressure change
Design Costs for Blower relocation prior to change for 95% design before change cancelled	\$32,000	Design cost incurred when blower location was changed then returned to original location due to cost implications
Additional Material Testing request by VVWRA	\$2,090	Requested by VVWRA
Replace and relocated control and power wiring for blower isolation valve	\$6,544	Control and Power wires removed during VVWRA demolition. Installed new controller from VVWRA
Additional electrical contractor Labor for load bank use during ribbon cutting	\$8,692	Requested by VVWRA
Condensate Drain Location Change	\$4,969	Approved by VVWRA to change condensate drain location and tie-in
Additional Site Lighting	\$31,060	Requested and approved by VVWRA
Existing electrical relocation work performed by Anaergia per SCE DWG 581368-0.01 new conduit from power pole to existing transformer	\$26,715	Required due to relocation of existing feed that was installed under the existing LPG tank to Main MCC
Deeper excavation required for relocation of existing electrical	\$829	Unknown Condition in performance of Civil work on relocation
Update single line diagram with incorrectly	\$1,330	Required after site inspect by SCE revealed that backup
Subtotal of Changes not related to Interconnection Fee	\$157,878	Out of scope work Requested/Required by VVWRA
Interconnection Fee		
	Cost	Notes
Total Fee Charge by SCE for interconnection	\$547,700	SCE Fee for interconnection work paid by Anaergia
Interconnection Work performed by WM Lyles and Anaergia included in SCE estimate	\$84,096	WM Lyles completion of a portion of the work by WM Lyles
Additional Work required by SCE Trench relocation due to underground utility interference	\$2,694	Required by SCE due to interference with existing duct bank
Additional Work required by SCE Bollards, Curb, and Paving for Controller and 3 way switch	\$12,176	Required by SCE due to interference with existing duct bank
Total Paid by Anaergia for Interconnection	\$646,666	Total out of pocket by Anaergia
Portion of interconnection work within Anaergia's contract and scope of work and paid to Contractor	-\$31,213	Required Interconnection Work included in original Contract between VVWRA and Anaergia - Paid to WM Lyles
Portion of interconnection fee within Anaergia's contract and scope of work estimate subject to final cost from SCE	-\$157,500	Required Interconnection Work included in original Contract between VVWRA and Anaergia - Estimate
Interconnection Costs in Anaergia Scope of Work	-\$188,713	Total paid and/or estimated to be paid by Anaergia
Subtotal of Remaining interconnection fee for SCE change conditions	\$457,953	Work required for SCE Interconnection DWG 574833-0.01 less work included in original scope of VVWRA and Anaergia Contract - Estimated
Sum of Changes	\$615,832	Included Interconnection and Requested work



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

February 16, 2017

FROM: Robert Coromina, Director of Administration *RC*

TO: Logan Olds, General Manager

SUBJECT: Recommendation to approve resolution 2017-02 for Employer Paid Member Contribution to California Public Employees' Pension Reform, (CALPERS), and corresponding offset.

RECOMMENDATION

It is recommended that the Board of Commissioners approve Resolution No. 2017-02. The implementation of Section 7.1 of the VVWRA Employees and Supervisors Associations.

REVIEW BY OTHERS

This recommendation has been prepared by Robert Coromina, Director of Administration and reviewed by Roger Crawford, Legal counsel, Best Best & Krieger.

BACKGROUND INFORMATION

On December 08, 2016 the VVWRA Board of Directors approved the Memorandum of Understanding between VVWRA and the Employees and Supervisors Associations. Section 7.1 states that VVWRA will begin requiring all classic CalPERS members to begin paying their CalPERS member contributions over the course of the next 3 years.

Section 7.1 – CalPERS Member Contribution.

Currently, the AUTHORITY pays the full CalPERS member contribution for all bargaining unit employees who are also classic members of CalPERS. However, the AUTHORITY's goal is to have all classic members eventually pay their full member contribution. Accordingly, all bargaining unit members who are classic members shall begin paying their CalPERS member contribution on the following schedule.

- 2% effective upon passage of a resolution by the Board of Commissioners eliminating the pickup of the CalPERS member contribution (Resolution No. 2017-02).
- 3% effective July 1, 2017, and
- 3% effective July 1, 2018.

FINANCIAL IMPACT

The complete financial impact will be available at the time of the next Board meeting.

RELATED IMPACTS

None.

RESOLUTION NO. 2017-02**RESOLUTION OF THE BOARD OF COMMISSIONERS OF
VICTOR VALLEY WASTEWATER RECLAMATION
AUTHORITY FOR EMPLOYER PAID MEMBER
CONTRIBUTIONS**

WHEREAS, the Board of Commissioners of the Victor Valley Wastewater Reclamation Authority has the authority to implement Government Code Section 20691; and,

WHEREAS, the Board of Commissioners of the Victor Valley Wastewater Reclamation Authority has a written labor policy or agreement which specifically provides for the normal member contributions required to be paid by employees to be paid instead by the employer; and,

WHEREAS, one of the steps in the procedures to implement Section 20691 is the adoption by the Board of Commissioners of the Victor Valley Wastewater Reclamation Authority of a Resolution to commence paying said Employer Paid Member Contributions (EPMC); and,

WHEREAS, the Board of Commissioners of the Victor Valley Wastewater Reclamation Authority has identified the following conditions for the purpose of its election to pay the EPMC:

- This benefit shall apply to all miscellaneous employees, except New Members as that term is defined in the California Public Employees' Pension Reform Act of 2013, pursuant to the terms set forth below.
- Effective February 16, 2017, this benefit shall consist of paying 2% of the normal member contribution as EPMC.
- Effective July 1, 2017, this benefit shall consist of paying 3% of the normal member contribution as EPMC.
- Effective July 1, 2018, this benefit shall consist of paying 3% of the normal member contribution as EPMC.

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of the Victor Valley Wastewater Reclamation Authority hereby elects to pay the EPMC as set forth above.

BE IT FURTHER RESOLVED that this Resolution shall remain in effect until subsequently changed by the Board of Commissioners.

ADOPTED this 16th day of February 2017.

James Kennedy
Chair, VVWRA Board of Commissioners

ATTEST:

Scott Nassif
Secretary, VVWRA Board of Commissioners

APPROVED AS TO FORM:

Piero Dallarda, a Partner of
Best Best & Krieger LLP
General Counsel, VVWRA

CERTIFICATION:

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Board of Commissioners held on January 26, 2017.

Kristi Casteel – Clerk of the Board

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY****MEMORANDUM**

DATE: 16 February 2017

TO: Board of Commissioners

FROM: Logan Olds, General Manager *Lo*


SUBJECT: VWVRA Reserve Level

Recently staff was asked about the disposition of capital revenues during the period marked by significant growth in the Victor Valley. Beginning in 2005 and completed in 2008 VWVRA built the 14.5 and 18 million gallon per day (mgd) expansions to accommodate for growth in the communities it serves. The 14.5 mgd expansion cost \$25,346,531.00 and the 18 mgd expansion cost \$25,372,757.00. In total this amounts to \$50,719, 288.00. The entire amount was paid for with cash from connection fees. VWVRA did not obtain a loan or bond for the expense to build both projects.



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

16 February 2017

FROM: Logan Olds, General Manager 
TO: Board of Commissioners
SUBJECT: Request Authorization to Issue Four Request for Proposals.

RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to release four requests for proposals for the following projects;

1. Maintenance of the earthworks for VVWRA infrastructure,
2. Epoxy coating of the ultraviolet disinfection system (UV) and dissolved air floatation thickeners (DAFTs),
3. Design of the Desert Knolls Wash Interceptor

REVIEW BY OTHERS

This recommendation was reviewed by Piero Dallarda, Legal Counsel.

BACKGROUND INFORMATION

1. VVWRA experienced extensive damage to various treatment structures and roads as a result of the storms during the holidays. The existing Board authorization expires at the end of this FY. Staff would like to issue an RFP to renew this service and include it in the budget for FY 17/18.

2. The concrete structures for the UV and DAFTs are degrading and require an epoxy coating to ensure the structures longevity. The UV structure has occasionally shown positive for total coliform. Staff believes this contaminant is escaping disinfection by occupying the small holes in the concrete channels. The DAFTs operate in a very difficult environment and require coating to extend their longevity. Staff would like to issue an RFP to obtain the cost for coating these structures for the FY 17/18 budget.

3. As the Board is aware the sewer interceptor in Desert Knolls Wash which serves the Town of Apple Valley was damaged during the holiday storm events. It will be necessary to replace the interceptor. Staff would like to issue an RFP for the engineering design services following receipt of the condition assessment by Carollo Engineering at the March Board meeting. This item is unbudgeted and is in response to the emergency condition.

FINANCIAL IMPACT

Minimal legal counsel time to review the RFP's prior to issuance.



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

February 16, 2017

FROM: Chieko Keagy, Accounting Supervisor *ck*
TO: Angela Valles, Director of Finance
SUBJECT: Recommendation to Change Banking Services to Desert Community Bank

RECOMMENDATION

It is recommended that the Board of Commissioners approve General Manager to change banking services to Desert Community Bank.

REVIEW BY OTHERS

This recommendation was reviewed by Piero Dallarda, Legal Counsel; Logan Olds, General Manager; and Robert Coromina, Director of Administration.

BACKGROUND INFORMATION

The agency has experienced cyber attacks on April 6 and 7, 2016 that directly affected our online banking with Citizens Business Bank (CBB). The bank immediately closed all the accounts to deny any access including the staff's accessibility as a temporary measure. This temporary denial of access continued for the next four months. During this period, the banking functions were severely damaged due to the denied access. Since the time when this event occurred, the CBB's local staff has called us every working day to confirm legitimacy of checks to supplement the compromised system. The CBB's headquarters in Ontario, however, has not provided any assistance to remedy the situation but made us wait without telling us when the lockup will be lifted. The CBB headquarters rather demanded the staff to sign a letter that included an indemnification clause, which the staff did not sign. It seems that CBB does not have a system to fight against the cyber attacks to protect the agency.

On the other hand, Wells Fargo Bank (WF) and Desert Community Bank (DCB) have a cyber attack prevention measure in place in addition to "positive pay" and "ACH protection" programs. This cyber attack prevention program:

- Helps protect against financial malware
- Safeguards user's online banking identity and login credentials
- Removes certain malware from staff's computer
- No additional fees

The three banks gave us another quotes per the Commissioners' request from the November Board meeting. All three bidders require the agency maintain certain amount in a non-interest bearing checking account to waive their fees. The bank required amounts and fees are relatively similar

except the highest bidder. To cope with potential cyber frauds, the staff recommends the agency should go with the institution that has more layers of security measures with a reasonable fee. Based on the additional security features, timely assistance from the bank's regional office and required retaining amount, the staff recommends DCB handle our banking needs. DCB happens to be the lowest responsive bidder.

FINANCIAL IMPACT

The bank fee analysis revealed the required amounts and fees are similar except what the highest bidder asked for. The quoted required amounts are the minimum that the banks will require. Depending on daily activities, the banks will more likely require additional retaining amount. Also often times the banks will require additional "float" for any pending deposits. Moreover, their fees are determined based on how the banks rate the agency. For example, WF's earnings credit rate is 0.25%, while CBB's rate is 0.55%. DCB's rate is 0.50%. When the fees are basically similar, what is more important is what additional security features and timely assistance from its regional office that a bank can offer. Based on this note, the staff recommends the better security environment that DCB offers.

RELATED IMPACTS

None noted.


VWRA
 Comparison of Bank Service Fees and Minimum Required Amounts
 December 29, 2016

	Citizens Business Bank	Desert Community Bank	Wells Fargo
With Fraud Preventive Measures	Positive Pay and ACH Fraud Filter		
Monthly Fees	\$ 435	\$ 360	\$ 590
Minimum Required Amount to Cover the Fees	\$ 950,000	\$ 940,000	\$ 2,208,000
Earnings Credit Rate (ECR)	0.55%	0.50%	0.25%
<i>What Bank Can Earn per ECR</i>	\$ 435	\$ 392	\$ 460
Branch Availability	19197 Town Center Dr., Apple Valley, CA 92308	14800 La Paz Drive, Victorville, CA 92395	15368 Roy Rogers Drive, Victorville, CA 92394
Bank Assets at 12/31/15	\$ 7,671,200,000	\$ 32,350,922,000	\$ 4,511,668,000,000
Total Equity at 12/31/15	\$ 923,399,000	\$ 3,122,950,000	\$ 193,891,000,000
Net Income FYE 12/31/15	\$ 99,145,000	\$ 384,677,000	\$ 22,894,000,000



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

16 February 2017

FROM: Logan Olds, General Manager 
TO: Board of Commissioners
SUBJECT: Creation of the Flow Diversion Ad Hoc Committee

RECOMMENDATION

It is recommended that the Board of Commissioners direct the General Manager to create a Flow Diversion Ad Hoc Committee, the members of which will be selected by the Board or direct the matter to the City Managers TAC.

REVIEW BY OTHERS

This recommendation was reviewed by Piero Dallarda, Legal Counsel.

BACKGROUND INFORMATION

The creation of an ad hoc committee regarding Flow Diversion was requested by Commissioner Blewett at the Board meeting on December 8, 2016 to facilitate a discussion and resolution amenable to the member entities regarding the diversion of flows. In the past the City Managers Technical Advisory Committee (CM TAC) has been used to discuss and resolve differences between Member Entities. The creation of an ad hoc committee or referring the matter to a TAC requires action by the Board in open session.

FINANCIAL IMPACT

None

RELATED IMPACTS

None



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

16 February 2017

FROM: Logan Olds, General Manager *LO*
TO: Board of Commissioners
SUBJECT: Amendment to Agreement for Legal Representation-Special Counsel Rates

RECOMMENDATION

It is recommended that the Board of Commissioners authorize the General Manager to revise the agreement for legal representation for special counsel rates by the amounts shown in the attached document from Best Best & Krieger.

BACKGROUND INFORMATION

Best Best & Krieger (BBK) has been counsel for VVWRA for over 30 years, but the most current contract for legal services dates back to 2008. BBK provides VVWRA with both general counsel and special counsel services. The general counsel services are provided by Piero Dallarda pursuant to a retainer agreement with a cap on costs. The special counsel services are provided upon request by VVWRA for projects that are outside the general retainer, such as certain labor matters, CEQA and construction projects and litigation.

BBK also acts as general and special counsel for the Town of Apple Valley, special counsel for the City of Victorville and several agencies from the County of San Bernardino, including SANBAG and Omnitrans. Except for some CPI adjustments, BBK's special counsel rates have not been increased since 2008. BBK has now indicated that it needs to update its special counsel rates to be consistent with the rates charged to some of VVWRA's member entities mentioned above and other agencies in the area. The general counsel retainer and rates remain the same and are not changed by the proposed amendment, only the special counsel rates are affected by it.

Staff has been satisfied with the legal services provided by BBK as both general and special counsel. In addition, VVWRA is not required to use BBK as special counsel and, in some instances, VVWRA has chosen outside counsel to serve as special counsel. The hourly rates charged by non-BBK special counsel in those instances have always been considerably higher than the current rate increase proposed by VVWRA. IN addition, we are advised that the current rates are at an approximately 40% discount of BBK usual rates for private clients.

Because the has the ultimate saying in the engagement of legal counsel, not the General Manager of VVWRA, the amendment is at the discretion of the Board, but Staff supports the increase.

FINANCIAL IMPACT

For partners, the proposed increase would be from \$286 to \$315, for other attorneys, please see attached.

RELATED IMPACTS

The ability to maintain consistency in legal representation at a lower cost and keep institutional memory.

**AMENDMENT
TO
AGREEMENT FOR GENERAL AND SPECIAL COUNSEL LEGAL SERVICES
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
BEST BEST & KRIEGER LLP**

1. PARTIES AND DATE.

This Amendment is made and entered into as of the ____ day of February, 2017, by and between the Victor Valley Wastewater Reclamation Authority, a public agency ("VWVRA") and Best Best & Krieger LLP, a limited liability partnership engaged in the practice of law ("BB&K").

2. RECITALS.

2.1 BB&K is currently general and special counsel for the VWVRA. The most current agreement between VWVRA and BB&K under which BB&K provides legal services was entered into in April, 2008 ("2008 Agreement"). VWVRA and BBK have agreed to revise the rates for special counsel services pursuant to the 2008 Agreement as set forth in more detail below.

3. SPECIAL COUNSEL RATES.

The rates for special legal services set forth in Section 3.8.1 of the 2008 Agreement shall be updated as follows for services commencing on March 1, 2017: Three Hundred and Fifteen-Dollars (\$315) for services performed by partners, Three Hundred Dollars (\$300) for services performed by of counsel, Two Hundred Seventy Five Dollars (\$275) for services performed by senior associates, Two Hundred Fifty Dollars (\$250) for services performed by junior associates, One hundred Sixty Five Dollars (\$165) for services performed by paralegals, clerks and other legal support staff. The foregoing rates will remain subject to annual adjustment as set forth in Section 3.8.1.

4. NATURE OF AMENDMENT

Except as amended herein, the 2008 Agreement, including without limitation the general counsel section, will remain in full force and effect.

IN WITNESS WHEREOF, VWVRA and BB&K have executed this Agreement as of the date first written above.

VWVRA

By: _____

President of the Commission/Board

BEST BEST & KRIEGER LLP

By: _____
Partner



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

February 16, 2017

FROM: Logan Olds, General Manager 

TO: Board of Commissioners

SUBJECT: Request Authorization to Retain the Professional Services of a Firm to Assist VVWRA Staff with Project Close Out for FEMA Projects 828 and 1136 Upper Narrows

RECOMMENDATION

Staff is requesting authorization to retain professional services to assist VVWRA with the project close out for FEMA projects 828 and 1136 Upper Narrows

REVIEW BY OTHERS

Piero Dallarda, Legal counsel, Best Best & Krieger.

BACKGROUND INFORMATION

Professional services firm scope and fee to be provided at the board meeting.

FINANCIAL IMPACT

RELATED IMPACTS

Victor Valley Wastewater Reclamation Authority



Financial and Cash Report

January 2017

Victor Valley Wastewater Reclamation Authority
CASH AND RESERVE SUMMARY
 January 31, 2017

G/L Account	Description	Balance
1010	CBB Checking Account	\$ 1,000,000
1016	CBB Sweep Account	1,720,870
1017	CBB Money Market Account	6,651
1075	Cal TRUST by Wells Fargo	3,051,322
1070	LAIF	1,519,116
	Total Cash	\$ 7,297,959

\$65 mil Max

Reserves:	Current Balance	Restricted	Assigned	Not Assigned
Targeted Capital Reserve	\$ -	\$ -	\$ -	\$ -
O&M Reserve: 10% of Prior Year Budgeted Operating Expenses	81,523		1,081,523	
R&R Reserve: 1% of Land Improvements/Plants/Interceptors PY CAFR	1,670,006		1,670,006	
Reserve for SRF Payments (P& I) - Operating	2,707,580	2,707,580		
Reserve for SRF Payments (P& I) - Capital	2,359,174	2,359,174		
Available for O&M	479,676			
Total Cash	\$ 7,297,959	\$ 5,066,754	\$ 2,751,529	\$ -

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	259,235	178,764	587,653	899,824	2,707,580
Reserve for SRF Payments (P& I) - Capital	1,348,576	-	59,588	375,713	575,297	2,359,174
	\$ 2,130,680	259,235	238,352	963,366	1,475,121	5,066,754
		2,389,915				

Note 2: PROJECTS AND FUNDING:

a. Construction and Change Orders for Sub-Regional Plants	Bureau of Reclamation - Title 16 Grant	Dept. of Water Resources - Proposition 84 Grant	SWRCB SRF Loan - Hesperia	SWRCB SRF Loan - Apple Valley	SWRCB - Proposition One Grant - A.V.	SWRCB - Water Recycling Prop 13 Grant - A.V.	Total
Completion (or Termination) Dates	05/31/16	12/31/17	06/30/17	06/30/17	06/30/17	03/31/17	
Agreement Amounts	\$ 3,242,523	\$ 3,000,000	\$ 35,442,795	\$ 22,537,632	\$ 8,135,648	\$ 4,000,000	\$ 76,358,598
Claimed	(3,242,523)	(3,000,000)	(21,842,565)	(12,674,129)	(4,798,026)	(2,595,763)	(48,153,006)
Grant and Loan Balance Remaining	\$ -	\$ -	\$ 13,600,230	\$ 9,863,503	\$ 3,337,622	\$ 1,404,237	\$ 28,205,592

b. Planning and Design for Sub-Regional Plants	Bureau of Reclamation - Title 16 Grant	Dept. of Water Resources - Proposition 84 Grant	SWRCB SRF Loan - Hesperia	SWRCB SRF Loan - Apple Valley	SWRCB - Proposition One Grant - A.V.	SWRCB - Water Recycling Prop 13 Grant - A.V.	Total
Completion (or Termination) Dates	05/31/16	not applicable	06/30/17	06/30/17	06/30/17	not applicable	
Agreement Amounts	\$ 1,607,477	\$ -	\$ 5,107,160	\$ 4,535,127	\$ 1,046,193	\$ -	\$ 12,295,957
Claimed	(1,607,477)	-	(5,107,160)	(4,402,855)	(751,417)	-	(11,868,909)
Grant and Loan Balance Remaining	\$ -	\$ -	\$ -	\$ 132,272	\$ 294,776	\$ -	\$ 427,048

c. Upper Narrows Emergency

*FEMA/Cal OES PW 1136 Revised Grant Limit - Completion 12/27/15	\$	7,954,740
Eligible Cost Incurred 12/26/10 - 11/06/16		(7,750,326)
Grant Balance Remaining	\$	204,414
Funding Received or To Be Received:		
FEMA (Claims x .90 x .7500)	\$ 5,231,470	
Cal OES (Claims x .90 x .1875)	1,307,868	6,539,338
VVWRA Share:		
VVWRA (Claims x .0625)	484,395	484,395
10% Retention to Be Received upon Completion:		
(Claim - VVWRA portion) x .10	726,593	726,593
	\$	7,750,326

d. Upper Narrows Replacement

*FEMA/Cal OES PW 828 Grant Limit - Completion 12/27/15	\$	33,124,002
Eligible Costs Incurred 04/01/11 - 08/31/16		(33,124,002)
Grant Balance Remaining	\$	-
Funding Received or Expected to Receive:		
FEMA (Claims x .90 x .7500)	\$ 22,358,701	
Cal OES (Claims x .90 x .1875)	5,589,675	27,948,377
VVWRA Share:		
VVWRA (Claims x .0625)	2,070,250	2,070,250
10% Retention to Be Received upon Completion:		
(Claim - VVWRA portion) x .10	3,105,375	3,105,375
	\$	33,124,002
	Incurred	Claimed
		Remaining

* SRF Loan	Construction	1,655,130	(1,655,130)	-
	Change Orders	1,825,000	(1,825,000)	-
	Soft Costs	806,250	(806,250)	-
		4,286,380	(4,286,380)	-

Subregional Water Reclamation Plant Projects
1/31/2017
Hesperia

Costs Incurred Up to 1/31/2017

		Expended to Date	Contract Amount	Total Remaining
Planning/Design/Construction Management				
	Planning	815,055	624,264	(190,791)
	(Carollo/HDR) Design	3,106,096	3,580,792	474,696
	(MWH) Construction Management	1,663,420	1,479,914	(183,506)
	(Carollo/HDR) Engineering Services During Construction	1,086,543	1,687,052	600,509
	Sub-Total	6,671,114	7,372,022	700,908
Construction				
	Construction	25,369,397	33,220,000	7,850,603
		Expended to Date	Contract Amount	
			SRF Loan	Lyles
Change Order (Contingency)				
	Planning/Design/Construction Management	-	1,111,398	-
	Construction - Cascade Drilling	463,231	383,334	-
	Construction - Lyles	64,525	728,063	500,000
	Sub-Total	527,756	2,222,795	500,000
Total		32,568,267	43,314,817	10,746,550

Eligible for Reimbursements

		Claimed	Contract Amount	Total Remaining
	Title 16	2,445,244	2,460,369	15,125
	Proposition 84-HES Construction Cost	2,227,586	1,512,522	(715,064)
	Total Grants	4,672,830	3,972,891	(699,939)
	<i>% of Total Project</i>		9%	
	SRF-HES Planning/Design/Construction Management	5,107,160	7,329,955	2,222,795
	SRF-HES Construction Cost	22,788,277	33,220,000	10,431,723
Total		32,568,267	44,522,846	11,954,579

Claims Made as of 1/31/2017

		Requested	Contract Amount	Total Remaining
	Title 16	2,445,244	2,460,369	15,125
	Proposition 84-HES Construction Cost	2,227,586	1,512,522	(715,064)
	Total Grants	4,672,830	3,972,891	(699,939)
	SRF-HES Planning/Design/Construction Management	5,107,160	7,329,955	2,222,795
	SRF-HES Construction Cost	21,842,565	33,220,000	11,377,435
Total		31,622,555	44,522,846	12,900,291

Subregional Water Reclamation Plant Projects
1/31/2017
Apple Valley

Costs Incurred Up to 1/31/2017

		Expended to Date	Contract Amount	Total Remaining
Planning/Design/Construction Management				
	Planning	1,250,921	970,271	(280,650)
	(Carollo/HDR) Design	2,552,681	3,117,326	564,645
	(MWH) Construction Management	1,371,790	1,455,410	83,620
	(Carollo/HDR) Engineering Services During Construction	1,357,609	1,610,418	252,809
	Sub-Total	6,533,001	7,153,425	620,424
Construction				
	Construction	21,804,296	32,670,000	10,865,704
		Expended to Date	Contract Amount	
			SRF Loan	Lyles
Change Order (Contingency)				
	Planning/Design/Construction Management	-	1,001,640	-
	Construction - Cascade Drilling	252,951	376,986	-
	Construction - Lyles	274,291	624,654	500,000
	Sub-Total	527,242	2,003,280	500,000
Total		28,864,539	42,326,705	13,989,408

Eligible for Reimbursements

		Claimed	Contract Amount	Total Remaining
	Title 16	2,404,756	2,419,631	14,875
	Proposition 13 - Recycling Grant	2,595,763	4,000,000	1,404,237
	Proposition 84-AV Construction Cost	772,414	1,487,478	715,064
	Proposition 01-AV Planning/Design/Construction Management	751,417	1,046,193	294,776
	Proposition 01-AV Construction Cost	4,798,026	8,135,648	3,337,622
Total Grants		11,322,376	17,088,950	5,766,574
% of Total Project			39%	
	SRF-AV Planning/Design/Construction Management	4,402,855	4,535,127	132,272
	SRF-AV Construction Cost	13,139,308	22,537,632	9,398,324
Total		28,864,539	44,161,709	15,297,170

Claims Made as of 1/31/2017

		Requested	Contract Amount	Total Remaining
	Title 16	2,404,756	2,419,631	14,875
	Proposition 13 - Recycling Grant	2,595,763	4,000,000	1,404,237
	Proposition 84-AV Construction Cost	772,414	1,487,478	715,064
	Proposition 01-AV Planning/Design/Construction Management	751,417	1,046,193	294,776
	Proposition 01-AV Construction Cost	4,798,026	8,135,648	3,337,622
Total Grants		11,322,376	17,088,950	5,766,574
	SRF-AV Planning/Design/Construction Management	4,402,855	4,535,127 *	132,272
	SRF-AV Construction Cost	12,674,129	22,537,632	9,863,503
Total		28,399,360	44,161,709	15,762,349

*Note: Proposition 01 grant of \$9.2M reduces AV SRF loan to \$4.5M.

Nanticoke Interceptor
1/31/2017

Costs Incurred Up to 1/31/2017		Expended to Date	Contract Amount	Total Remaining
Planning/Design/Construction Management				
	Planning		342,397	342,397
	Design		101,524	101,524
	Construction Management	263,903	407,373	143,470
	Engineering Services During Construction			-
	Sub-Total	263,903	851,294	587,391
Construction				
	Construction - Christensen Brothers GE Inc.	2,726,705	3,207,896	481,191
		Expended to Date	Contract Amount	
			SRF Loan	
Change Order (Contingency)				
	Planning/Design/Construction Management			-
	Construction	302,268	400,000	97,732
	Sub-Total	302,268	400,000	97,732
Total		3,292,876	4,459,190	1,166,314

Eligible for Reimbursements		Claimed	Contract Amount	Total Remaining
	SRF-Planning/Design/Construction Management	263,903	851,294	587,391
	SRF-Construction Cost	3,028,973	3,607,896	578,923
Total		3,292,876	4,459,190	1,166,314

Claims Made as of 1/31/2017		Requested	Contract Amount	Total Remaining
	SRF-Planning/Design/Construction Management	263,903	851,294	587,391
	SRF-Construction Cost	3,028,973	3,607,896	578,923
Total		3,292,876	4,459,190	1,166,314

VWRA
Upper Narrows Interceptor and Emergency Projects
12/31/2016

Upper Narrows Interceptor and Emergency Projects
1/31/2017

Upper Narrows Interceptor (E004)

<u>Planning/Design/Construction Management</u>		Expended to Date	Contract Amount	Total Remaining
Planning		449,368	277,990	(171,378)
(Tetra Tech) Design		737,952	783,481	45,529
(URS/AECOM) Construction Management		1,497,717	993,673	(504,044)
(TetraTech) Engineering Services During Construction		531,269	348,290	(182,979)
Total		3,216,306	2,403,434	(812,872)
<u>Construction</u>				
Construction - J.W. Fowler		26,136,908	26,482,075	345,167
Construction - AV Construction		1,659,152	863,371	(795,781)
<u>Contingency</u>		Expended to Date	Contract Amount	
(Tetra Tech) Design		-	-	-
(URS/AECOM) Construction Management		271,346	325,612	54,266
(TetraTech) Engineering Services During Construction		-	-	-
Construction - J.W. Fowler		3,536,620	3,536,620	
Construction - AV Construction		214,287	214,287	-
Total		35,034,619	33,825,399	(1,209,220)

Claimed to Date

FEMA/CalOES	27,948,377	29,811,603	1,863,226
FEMA/CalOES 10% Retention	3,105,375	3,312,400	207,025
UNR SRF Loan	3,515,952		
Total	34,569,704	33,124,003	2,070,251

Upper Narrows Emergency (E003)

Spent to Date 1/31/2017

<u>Planning/Design/Construction Management</u>	Expended to Date
Materials	811,401
Rented Equipment	3,072,033
Contracts	3,940,449
Force Account OT	42,805
Force Equipment	274,341
Total	8,141,029

Received to Date

FEMA/CalOES	6,539,338
FEMA/CalOES 10% Retention	726,593
Total Grants to Date	7,265,931
VWRA 6.25% Unreimbursable Cost	484,395
Total	7,750,326

Victor Valley Wastewater Reclamation Authority
Flow Study
For the Month Ended December 31, 2016

Measured by ADS	Percentage of Total %	December Monthly MG	Total %	Quarterly MG
VSD 1 (less North Apple Valley)	5.9988%	21.2870	6.0523%	62.4160
VSD 2	13.7364%	48.7440	13.9048%	143.3970
VSD 3	25.2467%	89.5890	24.6156%	253.8550
VSD 4	7.1838%	25.4920	7.2825%	75.1030
VSD 5	0.4864%	1.7260	0.5135%	5.2960
VSD 6	6.3460%	22.5190	6.4467%	66.4830
VSD Total	58.9981%	209.3570	58.8154%	606.5500
Apple Valley 01	10.8738%	38.5860	10.9207%	112.6230
Apple Valley 02	5.6367%	20.0020	5.7519%	59.3180
Apple Valley North	0.1274%	0.4520	0.1238%	1.2770
Apple Total	16.6379%	59.0400	16.7964%	173.2180
Hesperia	18.5772%	65.9220	18.7137%	192.9900
CSA 64 SVL	5.0721%	17.9990	5.0224%	51.7950
CSA 42 Oro Grande	0.7147%	2.5360	0.6521%	6.7250
CSA Total	5.7868%	20.5350	5.6745%	58.5200
Total Apportioned Flow	100.0000%	354.8540	100.0000%	1,031.2780
Mojave Narrows Regional Park		0.1000		0.3000
Total Study Flow		354.9540		1031.5780

Victor Valley Wastewater Reclamation Authority
Statement of Net Position
January 31, 2017

<i>Assets and Deferred Outflows of Resources</i>	2017
Current assets:	
Cash and cash equivalents	\$ 12,237,154
Interest receivable	3,242
Accounts receivable	3,111,566
Receivable from FEMA Grants	4,962,702
Accounts receivable - Other	8,364
Allowance for Doubtful Accounts	(48,990)
Materials and supplies inventory	86,516
Prepaid expenses and other deposits	254,814
Total current assets	20,615,368
Fixed assets:	
Capital assets not being depreciated	81,835,259
Capital assets being depreciated	87,185,524
Total capital assets	169,020,783
Total assets	189,636,151
Deferred outflows of resources	
Deferred outflows of resources - pension	\$ 1,160,894
Total	190,797,045
<i>Liabilities, Deferred Inflows of Resources, and Net Position</i>	
Current liabilities:	
Accounts payable and accrued expenses	\$ 296,352
Accrued interest on long-term debt	52,498
Long-term liabilities - due within one year:	
Compensated absences	48,647
Loans payables	1,825,736
Other payables	5,082,063
Total current liabilities	7,305,296
Non-current liabilities:	
Long-term liabilities - due in more than one year:	
Compensated absences	268,652
Other post employment benefits payable	1,332,084
Loans payable	64,086,551
Net Pension Liability	4,169,063
Other payables	25,089
Total non-current liabilities:	69,881,439
Total liabilities	77,186,735
Deferred inflows of resources	
Deferred inflows of resources - pension	441,731
Net position:	
Net position as of 6/30/16	125,121,717
Restricted for SRF loan covenant	2,649,149
Decrease in net position FY 17	(14,343,053)
Total net position	\$ 113,168,579
Total	190,797,045

Victor Valley Wastewater Reclamation Authority
Revenues and Expenses
Operations and Maintenance
For the Month Ended January 31, 2017

	Actual January 2017	YTD Actual FY 16-17	YTD Budget FY 16-17	APPROVED BUDGET FY 16-17
Revenues				
User Charges	\$ 1,088,065	\$ 7,405,290	\$ 7,448,350	\$ 12,768,600
Sludge Flow Charge	8,050	76,587	64,167	110,000
High Strength Waste Surcharges	-	12,633	11,667	20,000
ADM FOG Tipping Fee Revenue	23,122	125,766		
Septage Receiving Facility Charges	54,663	359,162	291,667	500,000
Reclaimed Water Sales	2,700	25,133	35,000	60,000
Potable Well Water Sales	49	376	292	500
Leased Property Income	50	350	350	600
Interest	-	-	-	-
Pretreatment Fees	5,279	30,879	26,250	45,000
Finance Charge	-	-	-	-
Sale of Assets, Scrap, & Misc Income	1,743	1,843	-	-
Total Revenues	\$ 1,183,721	\$ 8,038,019	\$ 7,877,742	\$ 13,504,700
Other Financing Sources				
SRF Loan Proceeds	-	-	-	-
Total Other Financing Sources	\$ -	\$ -	\$ -	\$ -
Total Revenues and Other Financing Sources	\$ 1,183,721	\$ 8,038,019	\$ 7,877,742	\$ 13,504,700
Expenses				
Personnel	\$ 293,463	\$ 2,806,245	\$ 2,897,831	\$ 4,967,711
Maintenance	40,032	696,156	1,069,707	1,833,784
Operations	44,454	688,405	1,861,376	3,190,930
Administrative	48,554	934,168	1,200,402	2,057,832
Construction	-	94,469	-	-
Total Expenses	\$ 426,503	\$ 5,219,443	\$ 7,029,317	\$ 12,050,257
Emergency Operating Expense				
Total Maintenance	\$ -	\$ 68,907	\$ 39,083	\$ 67,000
Total Operations	-	47	48,417	83,000
FEMA OPERATING EXPENSES	-	68,954	87,500	150,000
FEMA/Cal-EMA Grants	-	-	(534,027)	(915,474)
Total Emergency Operating Expense	\$ -	\$ 68,954	\$ (446,527)	\$ (765,474)
Revenues over Expenses before Debt Service and Transfers	\$ 757,218	\$ 2,749,622	\$ 1,294,952	\$ 2,219,917
Debt Service				
SRF Principal	\$ -	\$ 114,582	\$ 407,021	\$ 697,751
SRF Interest	-	40,715	200,426	343,588
Total Debt Service	\$ -	\$ 155,297	\$ 607,448	\$ 1,041,339
Fund Transfer Out				
Inter-fund loan payment to Capital	1,770	12,845	-	-
Total Fund Transfer Out	\$ 1,770	\$ 12,845	\$ -	\$ -
Excess Revenues Over Expenses	\$ 755,448	\$ 2,581,480	\$ 687,504	\$ 1,178,578

Victor Valley Wastewater Reclamation Authority
Revenues and Expenditures
Repairs and Replacement
For the Month Ended January 31, 2017

	Actual January 2017	YTD Actual FY 16-17	YTD Budget FY 16-17	APPROVED BUDGET FY 16-17
Revenues				
R&R Revenues	\$ -	\$ -	\$ -	-
Total Revenues	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>-</u>
Other Financing Sources				
SRF Loan Proceeds	\$ -	\$ -	\$ -	-
Total Revenues and Other Financing Sources	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>-</u>
Capital Expenses				
Personnel	\$ -	\$ -	\$ -	-
Maintenance	10,272	300,952	471,450	808,200
Operations	-	-	12,075	20,700
Administrative	-	-	-	-
Construction	-	49,226	-	-
Total Capital Expenses	<u>\$ 10,272</u>	<u>\$ 350,178</u>	<u>\$ 483,525</u>	<u>\$ 828,900</u>
Revenues over Expenses before Debt Service and Transfers	<u>\$ (10,272)</u>	<u>\$ (350,178)</u>	<u>\$ (483,525)</u>	<u>\$ (828,900)</u>
Debt Service				
SRF Principal	\$ -	\$ -	\$ -	-
SRF Interest	-	-	-	-
Total Debt Service	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>-</u>
Fund Transfer In				
Interfund Loan Payment from O&M	\$ -	\$ -	\$ -	-
Total Fund Transfer In	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>-</u>
Excess Revenues Over Expenses	<u>\$ (10,272)</u>	<u>\$ (350,178)</u>	<u>\$ (483,525)</u>	<u>\$ (828,900)</u>

Victor Valley Wastewater Reclamation Authority
Revenues and Expenditures
Capital
For the Month Ended January 31, 2017

	Actual January 2017	YTD Actual FY 16-17	YTD Budget FY 16-17	APPROVED BUDGET FY 16-17
Revenues				
Connection Fees	\$ 98,200	\$ 537,580	\$ 408,333	\$ 700,000
Title 16 Grant - Subregional	-	-	-	-
Grant- Water Recycling	-	672,490	739,083	1,267,000
Sale of Assets, Scrap, & Misc Income	-	-	-	-
Interest	4,757	23,719	5,833	10,000
Proposition 1 Grant	-	1,547,275	2,041,667	3,500,000
Proposition 84 Grant	-	-	-	-
LAIF FMV Adjustment	-	-	-	-
Grant - FEMA/Cal-EMA	-	978,765	2,626,983	4,503,400
Total Revenues	\$ 102,957	\$ 3,759,829	\$ 5,821,900	\$ 9,980,400
Other Financing Sources				
SRF Loan Proceeds	\$ 859,110	\$ 19,841,719	\$ 26,104,248	\$ 44,750,140
Total Revenues and Other Financing Sources	\$ 962,067	\$ 23,601,548	\$ 31,926,148	\$ 54,730,540
Capital Expenses				
Personnel	\$ -	\$ -	\$ 233,612	\$ 400,477
Maintenance	-	163	-	-
Operations	-	12,068	100	171
Administrative	-	18,081	-	-
Construction	16,584	15,553,403	28,064,955	48,111,352
Total Capital Expenses	\$ 16,584	\$ 15,583,715	\$ 28,298,667	\$ 48,512,000
Revenues over Expenses before Debt Service and Transfers	\$ 945,483	\$ 8,017,833	\$ 3,627,482	\$ 6,218,540
Debt Service				
SRF Principal	\$ -	\$ 228,902	\$ 657,976	\$ 1,127,959
SRF Interest	-	24,750	128,693	220,617
Total Debt Service	\$ -	\$ 253,652	\$ 786,669	\$ 1,348,576
Fund Transfer In				
Interfund Loan Payment from O&M	\$ 1,770	\$ 12,845	\$ -	\$ -
Total Fund Transfer In	\$ 1,770	\$ 12,845	\$ -	\$ -
Excess Revenues Over Expenses	\$ 947,253	\$ 7,777,026	\$ 2,840,812	\$ 4,869,964

Victor Valley Wastewater Reclamation Authority



Operations and Maintenance Report

January 2017

VWRA O&M Monthly Report – January 2017

Page 1 of 10

**Victor Valley Wastewater Reclamation Authority
Operations and Maintenance Report
January 2017**

TO: Logan Olds, General Manager
FROM: Operations & Maintenance Staff
SUBJECT: OPERATIONS/MAINTENANCE REPORT
DATE: February 7, 2017

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 January 2017.

	Total	Average
Effluent to Mojave	236.956	7.6437
Effluent to Ponds	82.9281	2.6751

		Limit
Biochemical Oxygen Demand (BOD)		10 mg/l
Effluent to Mojave	<3.60	
Percent Removal	>99.136	

		Limit
Total Suspended Solids (TSS)		10 mg/l
Effluent to Mojave	<2.2	
Percent Removal	>99.513	

		Limit
Turbidity		2.0 ntu
30 Day Average	0.6	

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 43.20% removal of influent BOD and 73.85% 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 2.90% total solids at 79,061 gallons per day.

Primary clarifiers #1, #2, #3, #4, #5 and #6 are currently online and continue to treat all incoming flow. Primaries #7 and #8 remained offline for the month. With two clarifiers off line, the remaining 6 primary clarifiers are capable of treating peak flows up to 23 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 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. Waukesha Blower # 5 is online and is supplying 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 2.22 (NTU) during the month of January 2017
The 30 minute settleometer test averaged 262.0 mL/L.
The average "pop time" of the MLSS was >100 min.

Percolation Ponds

South percolation ponds #7, #8, #10, #11, #12 and #13 were used and rotated during the month.

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 January. Filter Effluent average Turbidity of 0.090 NTU.

Solids

VVWRA O&M Monthly Report – January 2017

Page 4 of 10

Digester #1 was drained on 8/19/16 and is offline . Digester #2 and #3 remain off line, drained and clean.

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

VVWRA received 578,052 gallons of ADM (Anaerobically Digestible Material) and FOG (Fats Oil and Grease). Total is comprised of 527,794 gallons of ADM and 50,258 gallons of FOG.

A Total of 25,452,051 cf/day of gas was created by digesters #4 and 5 for the month of January 2017. That is an average gas production of 821,034 cf/day.

Digester #4 averaged 429,084 cf/day.

Digester #5 averaged 391,950 cf/day.

Digester Volatile Acid/Alkalinity averaged 0.016 for the month.

Ultra Violet Disinfection (UV)

The UV system is currently operating via two channel mode since 12/22/2017.

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: 688 days

Discharge Sampling

All required samples during the month of January 2017 were collected and processed as scheduled.

Miscellaneous

Apple Valley Pump Station wet well was cleaned out twice in January 2017. Grease removed was transferred to facility scum wet well. AVPS grease continues to be pumped to the anaerobic Digesters #4 and #5.

Maintenance Activities**CMMS Work Order Activity****VVWRA KPI Report**

2/7/2017

11:18 AM

1/1/2017 - 1/31/2017

KPI	Count	Percent
Planned Work Total	163	
Planned Work Completed	152	93.25%
Planned Work Completed On-Time	123	75.46%
Planned Work Incomplete	11	6.75%
Planned Work Completed Late	34	20.66%
Total Work Completed	444	
Resctive Work Completed	76	17.57%
PM Work Completed	302	68.02%

Safety

1. Monthly Vehicle Safety Inspections completed.
2. Monthly gas tech monitor inspections completed
3. Eyewash safety showers inspected

VVWRA O&M Monthly Report – January 2017

Page 6 of 10

4. Monthly SCBA inspections
5. Six month Web slings inspections
6. Hazardous storage area inspection
7. Spill kit inspections

Preliminary Process

1. Aqua Guard pre-treatment screen inspected and serviced
2. Headwork's Conveyor Belt Lube & Inspect
3. Barscreen Maintenance complete
4. Septage line clearing

Primary Process

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

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 Filter Replacement
5. Piller #2 blow off valve replacement

Tertiary

1. Monthly gear box and platform drive wheel service complete
2. Filter #1 & #2 monthly platform gear box PM's comp
3. Filter #1 & #2 monthly backwash wasting pumps oil checks complete
4. Aqua diamond #1 piping rubber coupling replacement.
5. All PH and conductivity probes cleaned and calibrated
6. Perc Pond #6 piping repair.

Ultra Violet Disinfection (UV)

1. PH and conductivity probes cleaned and calibrated
2. UVT probe calibrated

Treatment Disposal

1. DAFT #1 and #2 Air Compressors 1&2 PM services complete
2. DAFT #1 lube
3. DAFT #2 Mechanical Rehab.
4. GBT polymer injection cleaning
5. Digester 4&5 heat exchanger inspections

Miscellaneous Plant

1. Serviced AHU for Blower Buildings completed.
2. Old Admin building roof repair

Plant Equipment**G/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. Blowers #1 & #2 inspections complete
2. Monthly gas sampling collected.

OGPS

1. Monthly Gen Test completed
2. Pumps pulled and inspected drag

AVPS

1. Grease pump out

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

January 2017

VWRA Environmental Compliance Department
Industrial Pretreatment Program

I. Interceptors Operation and Maintenance:

1. Interceptors cleaning & CCTV:

- ✓ No Cleaning was performed in January 2017

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

3. Damage and repair summary:

- ✓ No Damage reported

4. Sanitary sewer overflows (SSO) summary:

- ✓ Date of last reportable SSO: November 18th 2016

5. Interceptors maintenance budget remaining:

- ✓ The fiscal year 2016-2017 Interceptor sewer maintenance amount remaining for sewer cleaning and inspection services is \$86870.48

6. Dig Alert Underground tickets processed:

- ✓ A total of Eighty-Nine (89) USA Tickets were received and processed in January 2017.

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:**
 - ✓ Five (5) New Business Questionnaires were processed in the month of January 2017.
 - ✓ Zero (0) New Business Inspections were conducted in the month of January 2017.
2. **New permits issued:**
 - ✓ Two (2) New Class III permits were issued in the month of January 2017.
3. **Permit renewals issued:**
 - ✓ Nine (9) Class III permit renewals were issued in the month of January 2017.
4. **Work Orders:**
 - ✓ 62 Work Orders were completed in January 2017
5. **Monthly revenues collected and invoices issued:**
 - ✓ Revenues: \$2,680
 - ✓ Invoiced: \$5,000
6. **Lucity CMMS Software implementation:**
 - ✓ The implementation of Lucity CMMS software for the industrial pretreatment program and the operations and maintenance of interceptors including GIS is ongoing.

III. Industrial Pretreatment Activities (continued)

1. Current enforcement actions:

- ✓ Zero (0) Notice of Violation was issued in January 2017.

2. Current active industrial pretreatment permits:

- ✓ The current number of VVWRA's industrial wastewater discharge permits is 430, they are comprised as follows:

1	Class I	Categorical Industrial User
10	Class II	Non-Categorical Significant Industrial User
409	Class III	Non-Significant Industrial User
2	Class IV	Zero Discharge Industrial User
9	Class V	Sanitary Waste Haulers

- ✓ The permitted establishments include:

317	Eating Establishments
4	Water Processing
17	Automotive
22	Car Wash/Truck Wash/Bus Wash
21	Grocery Store
14	Industrial
3	Photo Processing
3	Hospital
1	Prison
3	School
9	Waste Haulers

- ✓ Permitted businesses are distributed among member entities as follows: 172 in Victorville, 116 in Apple Valley, 119 in Hesperia and 1 in Oro Grande.

Victor Valley Wastewater Reclamation Authority



Environmental Compliance Department

Septage/FOG/ADM Monthly Report

January 2017

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

Payments and Invoices period: January 1st thru January 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	1/30/2017	48,000	\$4,043.52
ALP000	Alpha Omega Septic Service	1/30/2017	163,847	\$13,142.28
BUR000	Burns Septic	1/30/2017	131,900	\$11,971.44
HON001	Honest Johns Septic Service, Inc	1/30/2017	73,648	\$5,821.15
ROT001	T.R. Stewart Corp. dba Roto Rooter	1/30/2017	98,175	\$8,724.92
USA000	USA Septic	1/30/2017	78,600	\$5,803.20
ALP000	Alpha Omega Septic Service (Nutro)	1/30/2017	50,258	\$3,402.08
COW000	Co-West Commodities	1/30/2017	185,000	\$7,400
LIQ000	Liquid Environmental Solutions of CA	1/30/2017	0	\$0
SMC000	SMC Grease Specialist, Inc.	1/30/2017	308,000	\$12,320.00
WES004	West Valley MRF, LLC Burrtec Waste Industries, Inc.	1/30/2017	0	\$0
Grand Totals			1,137,428	\$72,628.59

Septage/FOG/ADM receiving payments:

ID No	Business Name	Payments Received
ABS000	Absolute Pumping	\$5,166.72
ALP000	Alpha Omega Septic Service	\$21,339.60
BUR000	Burns Septic	\$10,483.20
HON001	Honest Johns Septic Service, Inc	\$11,371.74
ROT001	T.R. Stewart Corp. dba Roto Rooter	\$13,299.40
USA000	USA Septic	\$7,684.56
ALP000	Alpha Omega Septic Service (Nutro)	\$0
COW000	Co-West Commodities	\$6,600.00
LIQ000	Liquid Environmental Solutions of CA	\$0
SMC000	SMC Grease Specialist, Inc.	\$21,632.00
WES004	West Valley MRF, LLC Burrtec Waste Industries, Inc.	\$0
Grand Total		\$97,577.22

Victor Valley Wastewater Reclamation Authority



CONSTRUCTION DEPARTMENT REPORT

Oct 2016 - Jan 2017

Upper Narrows Change Order Summary

January 2017

Bids Opened - January 7, 2014

Contractor: John W. Fowler Co., Dallas, OR

Notice To Proceed Date:	1/31/2014
Original Contract Days:	360
Original Contract Completion Date:	1/25/2015
Additional Contract Days:	416
Revised Contract Completion Date:	12/18/2015
Original Contract Amount:	\$26,482,075.00
Revised Contract Amount:	\$30,440,457.68
Change Order Value to Original:	14.95%

Change Order #	Change Order Date	Change Amount	Contract Amount
1	July 8, 2014	(\$506.00)	\$26,481,569.00
2	Aug 21, 2014	\$30,806.84	\$26,512,375.84
3	Dec 18, 2014	\$47,078.95	\$26,559,454.79
4	March 19, 2015	\$2,222,674.00	\$28,782,128.79
5	April 26, 2016	\$1,190,916.73	\$29,973,045.52
6	Dec 8, 2016	\$468,021.24	\$30,440,457.68
Net Change		\$3,958,382.68	

Processed Pay Requests

JWF Total to Date	\$29,261,045.52
URS Total to Date	\$1,900,120.00

Alternate Crossing, 2 Change Order Summary

January 2017

Bids Opened – February 22, 2016

Contractor: Apple Valley Construction, Apple Valley, CA

Notice To Proceed Date:	4/18/15
Original Contract Days:	64
Original Contract Completion Date:	6/21/2016
Additional Contract Days:	--
Revised Contract Completion Date:	
Original Contract Amount:	\$792,848.00
Revised Contract Amount:	\$1,025,264.31
Change Order Value to Original:	29.31%

Change Order #	Change Order Date	Change Amount	Contract Amount
1	April 26, 2016	\$122,329.93	\$915,177.93
2	Dec 8, 2016	\$110,086.38	\$1,025,264.31
Net Change		\$232,416.31	\$1,025,264.31

Processed Pay Requests

AVC Total to Date \$1,025,264.31

Status: PROJECT COMPLETE

SubRegionals TOAV Change Order Summary

January 2017

Bids Opened – November 7, 2014

Contractor: W.M. Lyles Co., Temecula, CA

Notice To Proceed Date:	2/27/2015
Original Contract Days:	821
Original Contract Completion Date:	6/7/2017
Additional Contract Days:	
Revised Contract Completion Date:	
Original Contract Amount:	\$32,670,000.00
Revised Contract Amount:	\$33,345,698.05
Change Order Value to Original:	2.068%

Change Order #	Change Order Date	Change Amount	Contract Amount
1	July 16, 2015	0	-
2	Feb 18, 2016	\$288,062.22	\$32,958,062.22
3	Feb 18, 2016	(\$48,730.95)	\$32,621,269.05
4	April 26, 2016	\$205,409.03	\$33,114,740.30
5	Dec 8, 2016	\$230,957.75	\$33,345,698.05
Net Change		\$675,698.05	\$33,345,698.05

Note: CO #1 was only to incorporate the proper Davis-Bacon wage listing

Processed Pay Requests

Lyles Total to Date	\$21,491,206.10
MWH Total to Date	\$846,849.04

SubRegionals HESP Change Order Summary

September 2016

Bids Opened – November 7, 2014

Contractor: W.M. Lyles Co., Temecula, CA

Notice To Proceed Date:	2/27/2015
Original Contract Days:	821
Original Contract Completion Date:	6/7/2017
Additional Contract Days:	
Revised Contract Completion Date:	
Original Contract Amount:	\$33,220,000.00
Revised Contract Amount:	\$33,610,983.11
Change Order Value to Original:	0.820%

Change Order #	Change Order Date	Change Amount	Contract Amount
1	July 16, 2015	0	-
2	Feb 18, 2016	(\$82,532.28)	\$33,137,467.72
3	April 26, 2016	\$201,010.27	\$33,338,477.99
4	Dec 8, 2016	\$154,027.13	\$33,610,983.11
Net Change		\$272,505.12	\$33,610,983.11

Note: CO #1 was only to incorporate the proper Davis-Bacon wage listing

Processed Pay Requests

Lyles Total to Date	\$25,493,036.00
MWH Total to Date	\$1,042,559.08

Monthly Construction Department Report Oct 2016 – January 2017

SUMMARY OF WORK:

Subregional WRPs

- Continuing construction on Hesperia WRP
- Work with CM reviewing possible change orders
- Monthly startup coordination meeting
- Weekly progress meeting with CM and Contractor
- Receiving submittals and RFI's
- Continuing construction at Apple Valley WRP
- Working on Hesperia Lift Station
- Prepared AV CO 5 for Board approval Dec 8
- Prepared COH CO 4 for Board approval Dec 8
- Prepared increase in PSA amendment 1 for MWH for Board approval Dec 8
- Prepared increase in PSA amendment 2 for MWH for Board approval Dec 8
- Prepared increase in PSA amendment 2 for Carollo for Board approval Dec 8
- Met with consultant on electronic O&M
- Site walk, punch list for AV perc ponds Nov 10
- Met with Engineering Committee on CO's Oct 27
- Met with Engineering Committee on PCO's Nov 15
- Met with consultant on pump requirements for Otoe LS with combined flows

Laboratory Building

- Put on Hold

Westside Plant Spill Containment

- Put on Hold

Digesters 4 & 5 Supernatant Line

- Put on Hold

Upper Narrows Pipeline Replacement

- Completed final negotiations
- Prepared CO 6 for Board approval Dec 8
- Met with County Flood Control on bypass piping removals
- Working on final close out items

Alternate Crossing phase 2 of BNSF Railroad

- Completed Project
- Prepared CO 2 for Board approval Dec 8

Emergency Bypass Removal Project

- Punch list walk Oct 20
- Completed Project

- Prepared CO 1 for Board approval Dec 8

Oro Grande Crossing the Mojave River

- Continuing environmental clearance

Nanticoke Pump Station Bypass Sewer

- Submittal review
- RFI response
- Working at Otoe LS
- Prepared CO 1 for Board approval Dec 8
- Met with Town to discuss potential CO's Nov 7

UPCOMING WORK IN February:

Subregionals

- Continue Apple Valley WRP construction
- Continue Hesperia WRP construction
- Work with SCE for power relocation at Hesperia WRP
- Coordinate SCE work to sites
- Coordinate Southwest Gas work to sites

Laboratory Building

- On Hold

Westside Plant Spill Containment

- On Hold

Digesters 4 & 5 Supernatant Line

- On Hold

Upper Narrows Pipeline Replacement

- File NOC

Emergency Bypass Removal Project

- Project Complete
- Closeout

Ossum Wash

- Hold for FY 17/18

Oro Grande Crossing the Mojave River

- Complete design and prepare for bid

Nanticoke Pump Station Bypass Sewer

- Continue pipe installation
- Complete construction at Otoe Lift Station
- Complete manhole epoxy coating
- Final paving