



## **Victor Valley Wastewater Reclamation Authority**

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

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY**

**Board Order No. R6V-2013-0038**

**NPDES Permit Number CA0102822**

**WDID NO:6B360109001**

**INDUSTRIAL WASTEWATER PRETREATMENT PROGRAM**

**2016 ANNUAL REPORT**

## Table of Contents

COVER SHEET .....	3
PRETREATMENT ANNUAL REPORT .....	4
PCS Data Entry Form .....	4
INFLUENT, EFFLUENT, AND BIOSOLIDS ANALYSIS FROM VVWRA WASTEWATER TREATMENT PLANT .....	5
UPSET, INTERFERENCE, AND PASS THROUGH INCIDENTS .....	6
CLASSIFICATION SYSTEM DESCRIPTION .....	6
CATEGORICAL AND NON-CATEGORICAL INDUSTRIAL USERS .....	6
CLASS I CATEGORICAL INDUSTRIAL USERS .....	6
CLASS II (NON-CATEGORICAL) SIGNIFICANT INDUSTRIAL USERS .....	6
CLASS IV Industrial User ZERO Discharge Permit .....	9
INSPECTION AND SAMPLING ACTIVITIES .....	9
COMPLIANCE STATUS .....	10
SUMMARY OF ENFORCEMENT ACTIVITIES .....	10
PRETREATMENT PROGRAM BUDGET .....	10
SIGNIFICANT CHANGES TO PROGRAM .....	10
PUBLIC PARTICIPATION .....	10
PROOF OF PUBLICATION .....	10
SPECIFIC LOCAL POLLUTANT CONCENTRATION LIMITS .....	11

Appendix A	VVWRA Industrial Pretreatment Program Class I Industrial User Permit(s)
Appendix B	VVWRA Industrial Pretreatment Program Class II Industrial User Permit(s)
Appendix C	VVWRA Industrial Pretreatment Program Class IV Industrial User Permit(s)
Appendix D	List of Compliance Status of All Industrial Users
Appendix E	VVWRA Industrial Pretreatment Program FY 2016/2016 Budget Data
Appendix F	Proof of Publication
Appendix G	VVWRA Regional Plant Annual Biosolids Samples Results

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
COVER SHEET**

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NPDES permit holder or Sewer authority name: Victor Valley Wastewater Reclamation Authority

Report Date: February 27, 2017

Period Covered By this report: January 1, 2016 thru December 31, 2016

Period Covered By previous report: January 1, 2015 thru December 31, 2015

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<u>Name of Wastewater Treatment Plant (s)</u>	<u>NPDES Permit Number</u>
Victor Valley Wastewater Reclamation Authority	Board Order No. R6V-2013-0038 NPDES Permit Number CA0102822 WDID NO:6B360109001

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**Person to contact concerning information contained in this report:**

Name: Latif Laari

Title: Regulatory Compliance & IT Supervisor

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I have personally examined and am familiar with the information submitted in this document and attachments. Based on my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete.

DATE: \_\_\_\_\_

\_\_\_\_\_  
Signature of Official  
Name: Logan Olds  
Title: General Manager

**PRETREATMENT ANNUAL REPORT**

**PCS Data Entry Form**

PPS1

POTW Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

NPDES Permit No.: CA0102822

Period Covered By This Report: Jan 1, 2016 (PSSD) Dec 31, 2016 (PSED)  
Start Date End Date

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Number of Significant Industrial Users in SNC with Pretreatment Compliance Schedule:	<u>0</u>	(SSNC)
Number of Notices of Violation, deficiency notice or Administrative Orders Issued against Significant Industrial Users:	<u>2</u>	(FENF)
Number of Civil & Criminal Judicial Actions Against Significant Industrial Users:	<u>0</u>	(JUDI)
Number of Significant Industrial Users with Significant Violations Published:	<u>0</u>	(SVPU)
Number of Industrial Users from Which Penalties Have Been collected:	<u>0</u>	(IUPN)

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
NPDES NO. CA 0102822  
INDUSTRIAL WASTEWATER PRETREATMENT PROGRAM  
2016 ANNUAL REPORT**

**INFLUENT, EFFLUENT, AND BIOSOLIDS ANALYSIS FROM VVWRA WASTEWATER TREATMENT PLANT**

In accordance with Monitoring and Reporting Program, California Board Order No. R6V-2013-0038, VVWRA collected samples of treatment plant influent and effluent discharged to both the Mojave River and to the percolation ponds. Samples were analyzed in-house or by E.S. Babcock & Sons, Inc., Riverside, California. The analytical results for 2016 are summarized in the "VVWRA 2016 Annual Discharge Monitoring Report", submitted under separate cover.

Effluent concentrations for inorganics, metals, organics, BOD, TSS, Nitrogen, MBAS, pH, dissolved oxygen, and residual chlorine were in compliance as related to industrial discharges within VVWRA's Waste Discharge Requirements (Order No. R6V-2013-0038).

Pathogen reduction is monitored by testing for Fecal Coliform, Salmonella, Helminth Ova and Enteric Virus. Each drying bed is monitored by sampling analysis, confirmed by receipt acceptable results or resampling before transferring to storage pad. This ensures biosolids have met 40 CFR 503 regulations before giving clearance to transfer to the facility storage pad where biosolids are clear for land application. Biosolids that do not meet 40 CFR 503 regulations are stored in drying bed #4 where resampling is performed to give final clearance for disposal once regulations are met.

Sampling and testing for 40 CFR 503 Table B pollutant concentrations was performed at each individual drying bed before relocating to disposal staging area. Sampling and testing for biosolids moisture content is performed once every 30 days as an internal check before transferring biosolids to disposal staging area. Once lab results are confirmed to have met 40 CFR 503 regulations biosolids are then moved to storage pad for disposal.

Annual samples were collected on July 11, 2016. Results are included within the attached laboratory results (Appendix G) . Biosolids monitoring results for the reporting period of year 2016 are summarized in the "VVWRA 2016 Annual Biosolids Monitoring Report" as required by 40 CFR Part 503, submitted under separate cover.

## **UPSET, INTERFERENCE, AND PASS THROUGH INCIDENTS**

No upset, interference, or pass through incidents were caused by industrial users during 2016.

### **CLASSIFICATION SYSTEM DESCRIPTION**

VVWRA uses the following permit classification system for its Industrial Users:

<u>Permit Class</u>	<u>Type of Industrial User</u>
Class I	Categorical
Class II	Non-categorical significant
Class III	Non-significant
Class IV	Zero Discharge
Class V	Trucked or hauled waste discharger

### **CATEGORICAL AND NON-CATEGORICAL INDUSTRIAL USERS**

Class I (Categorical) Significant Industrial Users and Class II (Non-Categorical) Significant Industrial Users are described on the following pages.

#### **CLASS I CATEGORICAL INDUSTRIAL USERS**

##### Sherwin-Williams Company, Victorville

Sherwin-Williams Company permit number 2016-0479-15 was issued on July 11<sup>th</sup>, 2016. This facility is set up as a ZERO discharger and as such above permit prohibits all industrial wastewater to enter the collections system. Sherwin Williams consistently achieved compliance.

Sherwin-Williams Company was inspected December 6, 2016.

#### **CLASS II (NON-CATEGORICAL) SIGNIFICANT INDUSTRIAL USERS**

Class II Industrial Users are not subject to Federal Categorical Standards, but are nevertheless considered "Significant Industrial Users" by VVWRA (i.e. discharge more than 25,000 GPD of process wastewater, discharges which make up 5% or more of the average dry weather hydraulic or organic capacity of the WWTP, or discharges which have the potential to contribute to WWTP upsets or exceed any applicable pretreatment standard or discharge limitation). Included in this report is a copy of the first six (6) pages of the Industrial Waste Discharge permits issued to Class II Industrial Users, as Appendix A.

AllTech Associates, Inc., Hesperia

AllTech Associates, Inc. permit number 2016-0417-11 was issued on December 31<sup>st</sup>, 2016. This facility discharged an average daily flow of 6115 gallons per day in 2016. This facility discharges relatively high strength wastewater which identifies the facility as a Class II (Non-Categorical) Significant Industrial User. Alltech consistently achieved compliance.

AllTech Associates, Inc. was inspected on 10/13/2016

CalPortland Company, Oro Grande

Formerly TXI Riverside Cement was acquired by CalPortland Company. CalPortland Company permit No. 2016-0266-04 was issued on September 30<sup>th</sup>, 2016. This facility discharged an average daily flow of 80000 gallons per day in 2016. This level of flow and the potential to discharge metals, oil and grease and other pollutants characterize the facility as a Class II (Non-Categorical) Significant Industrial User. CalPortland's flow generally comes from non-contact cooling towers and is relatively low strength wastewater. CalPortland consistently achieved compliance.

TXI Riverside Cement was inspected on 10/20/2016

Cemex, Victorville

CEMEX permit number 2016-0441-08 was issued on January 31<sup>st</sup>, 2016. This facility discharged approximately 60000 gallons per day in 2016. This level of flow and the potential to discharge metals, oil and grease and other pollutants characterize the facility as a class II (Non-Categorical) Significant Industrial User. Cemex's flow generally comes from non-contact cooling towers and is relatively low strength wastewater. Cemex's wastewater flows exclusively to a VVWRA meter station which is sampled monthly. Cemex consistently achieved compliance.

CEMEX was inspected on 11/14/2016

Federal Correctional Complex (FCC), George Outfall., Victorville

The Federal Correctional Complex – George Outfall. permit number 2016-0404-09 was issued on April 30<sup>th</sup>, 2016. The Federal Correctional Complex discharged an average wastewater discharge of 475112 gallons per day in 2016. This level of flow and the relatively high strength of the wastewater identify the facility as a Class II (Non-Categorical) Significant Industrial User. FBOP-George consistently achieved compliance.

The Federal Correctional Complex - George Outfall. was inspected on 10/13/2016

K & S Truck Wash, Hesperia

K & S Truck Wash permit No. 2016-0962-05 was issued on April 30, 2016. This facility discharged approximately 5147 gallons per day in 2016. This level of flow and the potential to discharge metals, oil and grease and other pollutants characterize the facility as a Class II (Non-Categorical) Significant Industrial User. K&S Truck Wash consistently achieved compliance.

K&S Truck Wash was inspected on 11/17/2016

Little Sister's Truck Wash, Hesperia

The Little Sister's Truck Wash permit No. 2016-0359-10 was issued on September 30, 2016. This facility discharged approximately 12574 gallons per day in 2016. This level of flow and the potential to discharge metals, oil and grease and other pollutants characterize the facility as a Class II (Non-Categorical) Significant Industrial User. Little Sister's Truck Wash consistently achieved compliance.

Little Sister's Truck Wash was inspected 11/17/2016.

Nutro Products, Inc., Victorville

Nutro Products, Inc. was issued permit No. 2016-0586-07 was issued on 5/02/2016. This facility discharged an average of 6807 gallons of wastewater per day in 2016. This quantity and the industrial strength of the wastewater discharged places Nutro in the Class II Significant Industrial user classification. Nutro Products, Inc. inconsistently achieved compliance.

Nutro Products, Inc. was inspected on 10/12/2016

Wal-Mart Distribution Center No. 7033, Town of Apple Valley

Wal-Mart DC No. 7033 permit No. 2016-0486-07 was issued on March 31<sup>st</sup>, 2016. This facility discharged approximately 25,000 gallons per day in 2016. This facility has the potential to discharge metals, oil and grease and other pollutants which characterizes them as a Class II (Non-Categorical) Significant Industrial User. Flow from this facility is generated primarily from a truck washing bay. Wal-Mart Distribution Center No. 7033 consistently achieved compliance.

Wal-Mart Distribution Center No. 7033 was inspected on 10/19/2016

City of Victorville IWWTP-SCLA

The City of Victorville IWWTP-SCLA permit No. 2017-6121-09 was issued on 2/17/2017. This facility discharged approximately 39764 gallons per day of wet sludge in 2016. This level of flow and the characteristics of the wet sludge identify the facility as a Class II (Non-Categorical) Significant Industrial User. City of Victorville IWWTP-SCLA consistently achieved compliance.

The City of Victorville IWWTP-SCLA was inspected 12/13/2016



Victor Valley Transit Authority

The Victor Valley Transit Authority (VVTA) permit No. 2016-6122-03 was issued on June 1st, 2016. This facility discharged approximately 3800 gallons per day in 2016. This level of flow and the characteristics of the wastewater identify the facility as a Class II (Non-Categorical) Significant Industrial User. Victor Valley Transit Authority inconsistently achieved compliance. VVTA was inspected on 5/6/2016

Deleted Industry

James W Fowler had a temporary permit. The permit was terminated on 2/22/2016 per the discharger's request, the construction was completed and there was no longer a need to discharge groundwater in the sewer. They were in compliance when permitted.

**CLASS IV Industrial User ZERO Discharge Permit**

Class IV Industrial Users are authorized to discharge only domestic wastewater. ZERO industrial wastewater is allowed to be discharged to the VVWRA Regional Treatment Facility (POTW). Included in this report is a copy of the first six (6) pages of the Industrial User ZERO Discharge permits issued to Class IV Industrial Users.

Church & Dwight, Victorville

Church & Dwight permit No. 2015-6076-04 was issued on 5/31/2015. This facility is set up as a ZERO discharger and as such above permit prohibits all industrial wastewater to enter the collections system. Church and Dwight consistently achieved compliance. Church & Dwight was inspected on 11/9/2016

W.M. Lyles Company

W.M. Lyles temporary permit No. 2015-6159-01 was issued on 12/1/2015. This facility was permitted for stormwater discharge as needed during construction. There was never a stormwater discharge during 2016. W.M. Lyles was in compliance in 2016. The permit expired on 12/30/2016 and was not renewed due to it no longer being needed.

**INSPECTION AND SAMPLING ACTIVITIES**

VVWRA pretreatment staff collected representative samples of permitted industrial users during the reporting period. In addition, all Class II permit holders submitted self-monitoring reports as required by their respective Industrial Discharge Permits. Appendix B contains a listing of inspections and sampling events for Significant Industrial Users during 2016.

## **COMPLIANCE STATUS**

**Appendix D** contains a list of all permitted industrial users and their compliance status for the year 2016.

## **SUMMARY OF ENFORCEMENT ACTIVITIES**

The following enforcement activities were undertaken in 2016:

- A Notice of Violation was issued to Nutro Products on 1/6/2016 for exceedance on TDS; subsequent resampling brought this industry back in compliance.
- A Notice of Violation was issued to VVTA on 2/5/2016 for exceedance on TDS; subsequent resampling brought this industry back in compliance.

## **PRETREATMENT PROGRAM BUDGET**

Appendix E contains a summary of the FY 2016/2016 Industrial Pretreatment Program budget.

## **SIGNIFICANT CHANGES TO PROGRAM**

No significant changes were made to VVWRA's Industrial Pretreatment Program during 2016.

## **PUBLIC PARTICIPATION**

The public was invited to attend VVWRA's Board meetings every month during the reporting period. The meetings include information concerning the Pretreatment Program.

## **PROOF OF PUBLICATION**

POTW's with an approved Pretreatment Program are required under 40 CFR Part 403.8(f)(2)(vii) to annually publish a list of Significant Noncompliance Industrial Users (SNC) with Industrial Wastewater Pretreatment Standards. Section 13-08 of VVWRA Ordinance No. 001 requires such a list to be published in March of each year. In January 2017, the SNC list stated that no Industrial User in the service area was in SNC during the calendar year 2016. The notice was published in the Victor Valley Daily Press on February 27, 2017 (see Appendix F.)

## SPECIFIC LOCAL POLLUTANT CONCENTRATION LIMITS

VVWRA SEWER USE ORDINANCE NO. 001 was revised April 2015 with the following Specific Local Pollutant Concentration Limits. The daily maximum concentration limits for Permitted Industrial Dischargers are shown in the following table:

### Victor Valley Wastewater Reclamation Authority Industrial Pretreatment Program Specific Local Pollutant Concentration Limits

#### Daily Maximum Concentration for Permitted Industrial Dischargers:

pH.....	5 - 11
Pollutant	Concentration Limit (mg/l)
Arsenic .....	1.5
Barium.....	10.0
Biochemical Oxygen Demand (BOD).....	50,000
Boron.....	1.04
Cadmium.....	0.2
Chromium, Total.....	2.0
Copper.....	2.2
Cyanide .....	0.12
Fluoride .....	1,000
Iron.....	200
Lead.....	1.7
MBAS (Surfactants).....	100
Mercury.....	0.1
Methyl Tert Butyl Ethylene (MTBE) .....	0.0005
Nickel.....	2.0
Nitrogen, Ammonia .....	500
Selenium .....	1.0
Silver.....	0.4
Tetrachloroethene (TCE or PCE).....	0.53
Toluene .....	1.53
Total Dissolved Solids (TDS).....	1,000
Total Petroleum Hydrocarbons (TPH).....	500
Zinc .....	2.3

Adopted: July 25, 2001