

Orange County Sanitation District Pretreatment Program Semi-Annual Report

July – December 2022



**POTW PRETREATMENT PROGRAM SEMI-ANNUAL REPORT
CERTIFICATION STATEMENT**

NPDES Permit Holder: Orange County Sanitation District
Report Due Date: March 31, 2023
Period Covered by this Report: July 2022 through December 2022
Period Covered by Previous Report: July 2021 through June 2022*
Name of Wastewater Treatment Plant(s): Reclamation Plant No. 1 and Treatment Plant No. 2
NPDES Permit Number: CA0110604

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March 30, 2023

Date



Lan C. Wiborg
Director of Environmental Services

March 30, 2023

Jayne Joy, Executive Officer
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
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Subject: Board Order No. R8-2021-0010, NPDES No. CA0110604
Pretreatment Program Semi-Annual Report for the Period of
July 1 through December 31, 2022

The Orange County Sanitation District (OC San) is submitting this semi-annual report for permitting and enforcement activities conducted during the period of July 1 through December 31, 2022. These activities include inspection and sampling of permittees, enforcement actions OC San has taken to address noncompliance, and information on the Santa Ana Watershed Project Authority Pretreatment Program under OC San's jurisdiction.

Appendix 1 of this report, entitled *Monitoring and Compliance Status Report*, contains the number of industrial inspections and the number of OC San and self-monitoring samples for each OC San Class I permittee for the first and second quarters of Fiscal Year 2022/23.

If you or your staff have any questions, please contact Mark Kawamoto at your convenience at (714) 593-7424.

Lan C. Wiborg
Director of Environmental Services

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List of Abbreviations

Acronym or abbreviation	Full phrase	Glossary
BOD	Biochemical Oxygen Demand	
CBMWD	Chino Basin Municipal Water District	
CIP	Clean in Place	
CIUs	Categorical Industrial Users	
CTS	Continuous Treatment System	
CWEA	California Water Environment Association	
ECSA	Enforcement Compliance Schedule Agreement	
EMWD	Eastern Municipal Water District	
ERP	Enforcement Response Plan	
FOG	Fats, Oils, and Grease	
FSE	Food Service Establishment	
FVM	Fluvoxamine	
FY	Fiscal Year	
IEUA	Inland Empire Utilities Agency	
IPA	Isopropyl Alcohol	
IUs	Industrial User	
JCSD	Jurupa Community Services District	
JPA	Joint Powers Authority	
LWH	Liquid Waste Hauler	
LWHCMP	Liquid Waste Hauler Cleaning and Maintenance Plan	
MAS	Maintenance Access Structure	
MGD	Million Gallons per Day	
MOU	Memorandums of Understanding	
NAICS	North American Industry Classification System	
ND	Not Detected	
NOV	Notice of Violation	
OCA	Order for Corrective Action	
OCSD/OC San	Orange County Sanitation District	
OCWD	Orange County Water District	
ORP	Oxidation-Reduction Potential	
POTW	Publicly Owned Treatment Works	
RCSA	Regulatory Compliance Schedule Agreement	
RO	Reverse Osmosis	
ROW	Right of Way	
SARI	Santa Ana River Interceptor	
SAWPA	Santa Ana Watershed Project Authority	
SBMWD	San Bernardino Municipal Water Department	
SIU	Significant Industrial User	✓
SLCP	Slug Load Control Plan	

Acronym or abbreviation	Full phrase	Glossary
SMR	Self-Monitoring Report	
SMS	SARI Metering Station	
SNC	Significant Noncompliance	
SPDP	Special Purpose Discharge Permit	✓
SSO	Sanitary Sewer Overflow	
TRC	Technical Review Criteria	
TSS	Total Suspended Solids	
US EPA	United States Environmental Protection Agency	
Valley District	San Bernardino Valley Municipal Water District	
Western, WMWD	Western Municipal Water District	
YVWD	Yucaipa Valley Water District	
YVRWFF	Yucaipa Valley Regional Water Filtration Facility	

Glossary of Defined Terms

Term	Definition	Citation
Compatible Pollutant	A combination of biochemical oxygen demand, suspended solids, pH, fecal coliform bacteria, plus other Pollutants that OCSD's treatment facilities are designed to accept and/or remove. Compatible Pollutants are non-compatible when discharged in quantities that have an adverse effect on OCSD's Sewerage System or NPDES permit, or when discharged in qualities or quantities violating any Federal Categorical Pretreatment Standards, Local Limit, or other discharge requirement.	Ordinance, Section 102.A.14
Discharge Certification	Control mechanism that may be issued to those Users that are discharging regulated wastewater but are not otherwise required to obtain a discharge permit.	Ordinance, Section 307.A
Dry Weather Urban Runoff	Surface runoff flow that is generated from any drainage area within OCSD's service area during a period that does not fall within the definition of Wet Weather. It is surface runoff that contains Pollutants that interfere with or prohibit the recreational use and enjoyment of public beaches or cause an environmental risk or health hazard.	Ordinance, Section 102.A.24
Federal Categorical Pretreatment Standards	Any regulation containing Pollutant discharge limits promulgated by the U.S. EPA in accordance with Sections 307(b) and (c) of the Clean Water Act (33 U.S.C. 1317) which apply to a specific category of Industrial Users and which appear in 40 CFR Chapter I, Subchapter N, Parts 405-471.	Ordinance, Section 102.A.27
Interference	Any discharge which, alone or in conjunction with a discharge or discharges from other sources, either: a) inhibits or disrupts OCSD, its treatment processes or operations, or its biosolids processes, use, or disposal; or b) is a cause of a violation of any requirement of OCSD's NPDES permit or prevents lawful biosolids or treated effluent use or disposal.	Ordinance, Section 102.A.39
Local Discharge Limits, Local Limits	Specific discharge limits developed pursuant to 40 CFR 403.5(c) and enforced by OCSD upon industrial or commercial facilities to implement the general and specific discharge prohibitions listed in 40 CFR 403.5(a)(1) and (b).	Ordinance, Section 102.A.42
Non-compatible Pollutant	Any pollutant which is not a compatible pollutant as defined herein.	Ordinance, Section 102.A.54
Ordinance	Document entitled "Wastewater Discharge Regulations" containing OC San requirements, conditions, and limits for connecting and discharging to the sewer system, as may be amended and modified.	Ordinance, Section 102.A.57

Term	Definition	Citation
Pass-Through	Discharge through OC San's Sewerage Facilities to Waters of the U.S. which, alone or in conjunction with discharges from other sources, is a cause of a violation of OC San's NPDES permit.	Ordinance, Section 102.A.59
Pretreatment	The reduction of the amount of Pollutants, the elimination of Pollutants, or the alteration of the nature of Pollutant properties in Wastewater to a level authorized by OCSD prior to, or in lieu of, discharge of the Wastewater into OCSD's Sewerage System. The reduction or alteration can be obtained by physical, chemical or biological processes, by process changes, or by other means.	Ordinance, Section 102.A.65
Pretreatment Program	A program administered by a POTW that meets the criteria established in 40 CFR 403.8 and 403.9 and which has been approved by a Regional Administrator or State Director in accordance with 40 CFR 403.11.	Ordinance, Section 102.A.2
Priority Pollutant	Priority Pollutants shall mean the most recently adopted list of toxic Pollutants identified and listed by EPA as having the greatest environmental impact. They are classified as Non-compatible Pollutants and may require Pretreatment prior to discharge to prevent: a) Interference with OC San's operation; or b) biosolids contamination; or c) Pass Through into receiving waters or into the atmosphere.	Ordinance, Section 102.A.68
Sewerage System	Any and all facilities used for collecting, conveying, pumping, treating, and disposing of Wastewater or sludge or biosolids.	Ordinance, Section 102.A.82
Significant Industrial User	Except as provided in 40 CFR 403.3 (v)(2) and (v)(3), shall mean: (i) All Industrial Users subject to Categorical Pretreatment Standards under 40 CFR 403.6 and/or 40 CFR Chapter I, Subchapter N; and (ii) Any other Industrial User that, pursuant to 40 CFR 403.3(v)(1): discharges an average of 25,000 gallons per day or more of process Wastewater to the POTW (excluding sanitary, noncontact cooling and boiler blowdown Wastewater); contributes a process wastestream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW Treatment plant; or is designated as such by OCSD on the basis that the Industrial User has a reasonable potential for adversely affecting the POTW's operation or for violating any Pretreatment Standard or requirement (in accordance with 40 CFR 403.8(f)(6)).	Ordinance, Section 102.A.83
Special Purpose Discharge Permit	Control mechanism granted to a user by OCSD to discharge unpolluted water, storm runoff, or groundwater to OCSD's Sewerage Facilities.	Ordinance, Section 305
Total Toxic Organics	The summation of all quantifiable values greater than 0.01 milligrams per liter for the organics regulated by the EPA or OCSD for a specific industrial category.	Ordinance, Section 102.A.94

Term	Definition	Citation
User	Any Person who discharges or causes a discharge of Wastewater directly or indirectly to a public sewer. User shall mean the same as Discharger. User includes Industrial Users as a type of User.	Ordinance, Section 102.A.96
Wastehauler	Any Person carrying on or engaging in vehicular transport of brine, domestic septage (except the SAWPA Sewer Service Area in compliance with the 1996 OCSD/SAWPA Agreement), or Wastewater as part of, or incidental to, any business for the purpose of discharging directly or indirectly said Wastewater into OCSD's Sewerage System.	Ordinance, Section 102.A.98
Zero Discharge Certification	A control mechanism that is issued by OCSD to ensure that specific facilities are not discharging a Pollutant(s) that may otherwise qualify the facility for a discharge permit.	Ordinance, Section 102.A.103

1.0 Permits and Certification

1.1 Introduction

This report is the first of two reports for Fiscal Year 2022/2023. The following sections describe the types and quantities of OC San permits issued and deactivated for the period of July 1, 2022 through December 31, 2022. A second report will be prepared and submitted under separate cover for the entirety of Fiscal Year 2022/2023.

Orange County Sanitation District (OC San) industrial wastewater discharge permits and certifications provide the means to limit the discharge of specific pollutants from industrial facilities and to establish a pollutant inventory from industrial dischargers.

There are seven (7) wastewater discharge permit and certification classifications in use by OC San's Pretreatment Program: Class I Permits, Class II Permits, Wastehauler Discharge Permits, Special Purpose Discharge Permits, Dry Weather Urban Runoff Discharge Permits, Fats/Oils/Grease (FOG) Permits, and Discharge Certifications.

1.2 Class I Permits

During this reporting period seven (7) new permits were issued and seven (7) permits were deactivated for those users who:

- a. are subject to Federal Categorical Pretreatment Standards; or
- b. average 25,000 gallons per day or more of regulated process wastewater; or
- c. have been determined by the General Manager to have a reasonable potential for adversely affecting OC San's operation or for violating any pretreatment standard, local limit, or discharge requirement; or
- d. may cause, as determined by the General Manager, pass-through or interference with OC San sewerage facilities.

1.3 Class II Permits

During this reporting period, no new permits were issued, and one permit was deactivated for those users who:

- a. have a charge for use greater than the ad valorem tax basic levy allocated to OC San, and
- b. discharge waste other than sanitary, and
- c. are not otherwise required to obtain a Class I Permit.

1.4 Wastehauler Permits

During this reporting period, one new permit was issued for those users who are engaged in vehicular transport and disposal of acceptable domestic waste into OC San's wastehauler station. Two permits were deactivated.

1.5 Special Purpose Discharge Permits

During this reporting period, two (2) new permits were issued and two (2) permits were deactivated for those users who discharge groundwater, subsurface drainage, unpolluted water, or other wastewater to OC San's system. This permit is granted when no alternative method of disposal is reasonably available or to mitigate an environmental risk or a health hazard. One (1) newly issued permit also expired during this reporting period.

1.6 Dry Weather Urban Runoff Permits

OC San accepts the diversion of dry weather urban runoff to the sewer to assist municipal separate storm sewer system permittees address various public health and environmental issues which are difficult to control through traditional stormwater best management practices. Originally established to protect and improve the recreational waters along Orange County’s coastal shoreline from bacterial pollution, the role of the Dry Weather Urban Runoff Diversion Program has expanded to include other environmental issues.

The Resource Protection Division administers the Dry Weather Urban Runoff Diversion Program through the issuance of a discharge permit for each diversion structure. The permit establishes discharge limits, constituent and flow monitoring requirements and inspection and maintenance requirements, as well as provides guidelines that specifically prohibit storm runoff and authorizes discharge only during periods of dry weather. OC San also conducts oversight visits to verify that diversion has ceased during wet weather and conduct routine sampling and analysis of the urban runoff discharge to ensure compliance with the various regulated constituents discharge limits.

Currently, twenty (20) active Dry Weather Urban Runoff diversion structures are permitted, three (3) owned and operated by the County of Orange, eleven (11) owned and operated by the City of Huntington Beach, two (2) owned and operated by the City of Newport Beach, three (3) owned and operated by the Irvine Ranch Water District, and one (1) owned and operated by PH Finance, who is the present owner of the Pelican Hill Resort. No new diversions were added to the Dry Weather Urban Runoff Diversion Program during this reporting period. No diversions ceased operating under the Dry Weather Urban Runoff Diversion Program during this reporting period.

1.7 FOG (Fats, Oils, and Grease) Permits

OC San’s Resource Protection Division facilitated the effort to develop a regional FOG Control Program to regulate the quantity and quality of FOG-laden wastewater that is discharged into the sewerage system from food service establishments (FSEs). OC San currently manages the FOG Control Program for 38 FSEs that discharge directly into OC San owned trunklines in the City of Orange.

During this reporting period, there were no FOG permits renewed, and no FOG permittees were deactivated. No new FSEs were identified in OC San’s direct service area.

1.8 Zero Discharge Certifications

During this reporting period, two (2) new Zero Discharge Certifications were issued, and two (2) were deactivated for those industries that have operations subject to a federal category regulated by the US EPA, but do not discharge industrial wastewater generated from these operations to the sewer.

1.9 Summary of Permits and Certifications in Effect

A summary of permit and certification activity during the July 1 through December 31, 2022 period is shown in Table 1.1

Permit/Certification Type	New Issuance	Deactivated	Effective During Reporting Period
Class I (SIU)	7	7	324
Class I Categorical (CIU)	5	4	184
Class I Non-Categorical	2	3	140
Class II	0	1	16
Wastehauler	1	3	41
Special Purpose	2	2	46
Dry Weather Urban Runoff	0	0	20

FOG	0	0	38
Zero Discharge Certification	2	2	32
Total			517

2.0 Enforcement

2.1 Introduction

The goal of OC San's industrial pretreatment program is to ensure that dischargers maintain compliance with Federal Pretreatment Standards, OC San's Wastewater Discharge Regulations (Ordinance), and discharge limits through monitoring and verification, in addition to controlling and reducing industrial pollutants. As provided in the Ordinance and Enforcement Response Plan, OC San has a broad range of enforcement mechanisms available, including but not limited to issuing noncompliance sampling fees, administrative penalties, notices of violation, compliance requirement letters, probation orders, enforcement compliance schedule agreements (ECSA), instituting emergency suspension orders, permit suspension, and permit revocation orders.

This report describes the enforcement actions that OC San initiated or continued against noncompliant permittees for the semi-annual reporting period of July 1, 2022 through December 31, 2022.

Appendix 1 of this report, entitled *Monitoring and Compliance Status Report*, contains information regarding the number of industrial inspections and the number of OC San and self-monitoring samples taken for each Class I permittee for the first and second quarters of FY 2022/23. Each permittee's name, permit number, and address are given in the first three columns. Additional columns present the North American Industry Classification System (NAICS) code, applicable pretreatment regulation, the number of performed inspections, the number of completed samples, the pollutant(s) in discharge violations, and other applicable comments, including name changes and permit issuances/deactivations.

2.2 Compliance Inspections

OC San staff conduct compliance inspections to: Identify and address any noncompliance problems and corrective actions; and verify the progress and completion of compliance requirement letters, probation orders, or enforcement compliance schedule agreements.

Twenty-one (21) compliance inspections were conducted during the first and second quarters of FY 2022/23.

2.3 Compliance Meetings

Compliance meetings are held as a result of the permittee's inability to achieve compliance with discharge requirements or to comply with OC San's Ordinance. The meetings are held with company representatives to discuss the discharge compliance problems and proposed long-term solutions.

Five (5) compliance meetings were conducted during the first and second quarters of FY 2022/23.

2.4 Compliance Requirement Letters

Compliance requirement letters are issued to require a permittee to comply with a specific condition of the permit and/or Ordinance, or to notify the permittee of an enforcement in accordance with the ERP, such as a compliance meeting.

Fifteen (15) compliance requirement letters were issued during the first and second quarters of FY 2022/23.

2.5 Order to Cease/Terminate Noncompliance/Discharge

Orders are issued where a permittee is continually noncompliant or has committed one or more significant violations of the permit and/or Ordinance. The Order requires a permittee to comply with a specific condition of the permit and/or Ordinance and may notify the permittee of escalated enforcement in accordance with the ERP, such as a compliance meeting.

One (1) order to terminate discharge was issued during the first and second quarters of FY 2022/23.

2.6 Notices of Violation

An NOV is written notification from OC San that references findings from recent sampling programs and indicates that specific violations of the permittees' discharge limits have occurred. The NOV is usually accompanied by noncompliance sampling and/or processing fees. The NOV instructs the permittee to take immediate action to correct the problem.

Fifty-seven (57) NOV's were issued in the first and second quarters of FY 2022/23.

2.7 Probation Orders

Upon determination that a permittee is in noncompliance with the terms and conditions specified in its permit or any provision of OC San's Ordinance, OC San may issue a probation order. The probation order contains conditions, requirements, and a compliance schedule. The term of a probation order does not exceed ninety (90) days. The permittee is required to comply with all conditions and requirements within the time specified, including the submittal of information pertaining to waste source characterizations, pretreatment modifications, waste minimization alternatives, and increasing the frequency of self-monitoring.

There were no probation orders issued in the first and second quarters of FY 2022/23.

2.8 Enforcement Compliance Schedule Agreement

An ECSA is an agreement between the permittee and OC San specifying that pretreatment equipment is installed or pollution prevention measures are implemented by the permittee within a scheduled time period, and that the permittee remains in consistent compliance during the term of the ECSA. The ECSA contains terms and conditions by which the permittee must operate and specifies dates for construction or acquiring and installing the pretreatment equipment and/or implementing waste minimization to achieve compliance. During the ECSA, inspection and sampling of the facilities are conducted monthly by OC San's inspectors to verify that all terms and conditions of the ECSA are met. In addition, the permittee is required to perform accelerated and extended self-monitoring.

There were no ECSAs issued during the first and second quarters of FY 2022/23.

2.9 Regulatory Compliance Schedule Agreement (RCSA)

Subsequent to the issuance of an industrial wastewater discharge permit to an industrial user, federal Categorical Pretreatment Standards may be adopted or revised by the US EPA, or OC San may enact revised discharge limits. If the General Manager determines that a permittee would not be in compliance with the newly adopted or revised limits, the permittee may be required to enter into a RCSA with OC San. The terms and conditions of an RCSA require the permittee to achieve compliance with all new standards by a specific date. RCSAs have a maximum term of two hundred seventy (270) days.

The issuance of an RCSA may contain terms and conditions including, but not limited to, requirements for installation of pretreatment equipment and facilities, submittal of drawings or reports, waste minimization practices, or other provisions to ensure compliance with OC San's Ordinance. While the RCSA is in effect, any discharge by the permittee in violation of the RCSA will require payment of non-compliance sampling fees in accordance with Article 6 of OC San's Ordinance.

There were no RCSAs issued during the first and second quarters of FY 2022/23.

2.10 Administrative Complaints, Penalties, and Settlement Agreements

Pursuant to the authority of California Government Code Section 54740.5, OC San may issue administrative complaints and penalties against the responsible officer or owner of any company that violates any permit condition or effluent limit. In accordance with an OC San Board of Directors Resolution, OC San may also negotiate a settlement agreement in lieu of an administrative complaint, which includes corrective actions on the part of the industry and reduced administrative penalties.

There were no settlement agreements or administrative penalties issued during the first and second quarters of FY 2022/23.

2.11 Permit Suspension

When OC San believes that grounds exist for permit suspension, the permittee is notified in writing of the reasons for permit suspension and the date of the permit suspension hearing. At the hearing, OC San staff and the permittee are provided the opportunity to present their evidence to the Hearing Officer. After the hearing a written determination is made, and upon order of suspension the permittee must cease discharge to the sewer for the duration of the suspension.

No permit suspensions were ordered during the first and second quarters of FY 2022/23.

2.12 Permit Revocation

The last recourse in the chain of administrative enforcement provisions is permit revocation. A permittee with a critical noncompliance record or who has failed to pay fees and charges is notified in writing of the reasons for permit revocation and the date of the permit revocation hearing. At the hearing OC San staff and the permittee are provided the opportunity to present evidence to a designated hearing officer. After the conclusion of the hearing, the hearing officer makes a determination if permit revocation is warranted and provides a written report to the General Manager for final determination. Should the General Manager determine that the noncompliance record is substantial, revocation of the industrial waste discharge permit and loss of sewer discharge privileges may result.

No permit revocations were ordered during the first and second quarters of FY 2022/23.

2.13 Emergency Suspension Order

Pursuant to Section 614 of OC San's Ordinance, an emergency suspension order may be ordered to stop an actual or impending discharge that presents or may present an imminent or substantial endangerment to the health and welfare of persons or to the environment, may cause interference to OC San's sewerage facilities, or may cause OC San to violate any state or federal law or regulation.

No emergency suspension orders were issued during the first and second quarters of FY 2022/23.

2.14 Civil/Criminal Complaints

When a permittee intentionally or negligently violates any provision of the Ordinance, permit conditions, or discharge limits, OC San may petition to the Superior Court for the issuance of a preliminary or permanent restraining order. In addition, OC San can petition the court to impose, assess, and recover civil penalties for each day that violation occurs or seek criminal penalties for illegal disposal in accordance with OC San's Ordinance.

No civil/criminal complaints were made during the first and second quarters of FY 2022/23.

2.15 Industries with Discharge Violations

The table below lists those facilities with discharge violations between July 1st – December 31st, 2022, and whether the violation(s) exceeded Federal Categorical Pretreatment Standard Limits, OC San Local Discharge Limits, or both.

Table 2.1 Industries with Discharge Violations July 1 – December 31, 2022
Orange County Sanitation District

Facility	Permit No.	Pollutant(s) in Violation	Date or Month of Violation	Exceeded Federal Categorical Limit	Exceeded Local Limit
Alsco, Inc.	1-021656	O&G-min.	9/2/2022	-	x
Aluminum Precision Products, Inc. (Susan)	1-011100	Copper	7/6/2022	-	x
APCT Orange County	1-600503	Copper	9/9/2022	-	x

Table 2.1 Industries with Discharge Violations July 1 – December 31, 2022
 Orange County Sanitation District, Resource Protection Division

Facility	Permit No.	Pollutant(s) in Violation	Date or Month of Violation	Exceeded Federal Categorical Limit	Exceeded Local Limit
ARO Service	1-021192	Copper	8/9/2022	-	x
ARO Service	1-021192	Zinc	8/9/2022	x	-
ARO Service	1-021192	Copper	Aug-22	x	-
ARO Service	1-021192	Zinc	Aug-22	x	-
Arrowhead Products Corporation	1-031137	Fluoride	8/16/2022	x	-
Arrowhead Products Corporation	1-031137	Zinc	8/16/2022	x	-
Arrowhead Products Corporation	1-031137	Fluoride	9/14/2022	x	-
Arrowhead Products Corporation	1-031137	Fluoride	9/21/2022	x	-
Arrowhead Products Corporation	1-031137	Fluoride	9/22/2022	x	-
Arrowhead Products Corporation	1-031137	Fluoride	10/5/2022	x	-
Arrowhead Products Corporation	1-031137	Fluoride	10/6/2022	x	-
Arrowhead Products Corporation	1-031137	Fluoride	11/1/2022	x	-
Arrowhead Products Corporation	1-031137	Fluoride	Aug-22	x	-
Arrowhead Products Corporation	1-031137	Zinc	Aug-22	x	-
Arrowhead Products Corporation	1-031137	NH3	Jul-22	x	-
Arrowhead Products Corporation	1-031137	Fluoride	Oct-22	x	-
Arrowhead Products Corporation	1-031137	Fluoride	Sep-22	x	-
B. Braun Medical, Inc. (West/Lake)	1-541183	pH	11/14/2022	-	x
B. Braun Medical, Inc. (West/Lake)	1-541183	pH	11/15/2022	-	x
Beverage Visions LLC (Anaheim)	1-601448	pH	7/7/2022	-	x
Black Oxide Industries, Inc.	1-021213	pH	11/15/2022	-	x
CP-Carrillo, Inc. (McGaw)	1-571316	Copper	9/8/2022	-	x
Data Electronic Services, Inc.	1-011142	Copper	10/5/2022	-	x

Table 2.1 Industries with Discharge Violations July 1 – December 31, 2022
Orange County Sanitation District, Resource Protection Division

Facility	Permit No.	Pollutant(s) in Violation	Date or Month of Violation	Exceeded Federal Categorical Limit	Exceeded Local Limit
Electrode Technologies, Inc. dba Reid Metal Finishing	1-511376	Nickel	8/3/2022	x	x
Electrode Technologies, Inc. dba Reid Metal Finishing	1-511376	Copper	9/22/2022	-	x
Electrode Technologies, Inc. dba Reid Metal Finishing	1-511376	Nickel	Aug-22	x	-
Electrode Technologies, Inc. dba Reid Metal Finishing	1-511376	Cadmium	Jul-22	x	-
Electrode Technologies, Inc. dba Reid Metal Finishing	1-511376	Copper	Jul-22	x	-
Gold Coast Baking Company, Inc.	1-601700	pH	11/16/2022	-	x
Goodwin Company	1-031043	O&G-min.	11/22/2022	-	x
Jellco Container, Inc.	1-021402	Molybdenum	7/6/2022	-	x
Jellco Container, Inc.	1-021402	Molybdenum	10/25/2022	-	x
Koia Anaheim Facility, LLC	1-601767	pH	12/7/2022	-	x
Kraft Heinz Company	1-071056	pH	7/6/2022	-	x
Kraft Heinz Company	1-071056	pH	7/27/2022	-	x
Logi Graphics, Inc.	1-031049	Nickel	7/12/2022	x	-
Logi Graphics, Inc.	1-031049	Nickel	Jul-22	x	-
Pulmuone Foods USA, Inc. (East)	1-601443	pH	8/24/2022	-	x
Q-Flex Inc.	1-600337	Copper	11/7/2022	-	x
RBC Transport Dynamics Corp.	1-011013	Zinc	Jul-22	x	-
South Coast Baking, LLC	1-600565	pH	11/2/2022	-	x
Star Manufacturing LLC, dba Commercial Metal Forming	1-600653	O&G-min.	10/13/2022	-	x
Statek Corporation (Orange Grove)	1-521777	pH	8/16/2022	-	x
Statek Corporation (Orange Grove)	1-521777	pH	8/17/2022	-	x
Superior Connector Plating, Inc.	1-021090	Cadmium	10/27/2022	x	-
Superior Processing (2)	1-601701	CN	12/13/2022	x	-

Table 2.1 Industries with Discharge Violations July 1 – December 31, 2022
Orange County Sanitation District, Resource Protection Division

Facility	Permit No.	Pollutant(s) in Violation	Date or Month of Violation	Exceeded Federal Categorical Limit	Exceeded Local Limit
Thermal-Vac Technology, Inc.	1-021282	Nickel	8/2/2022	x	-
Van Law Food Products, Inc.	1-600810	pH	12/7/2022	-	x
Van Law Food Products, Inc.	1-600810	pH	12/8/2022	-	x
Waste Management Collections & Recycling, Inc. DBA Sunset Environmental	1-601581	Sulfide	9/20/2022	-	x
Weber Precision Graphics	1-011354	Nickel	12/28/2022	-	x

Note: violations with only the month indicated are monthly discharge violations.

2.16 Enforcement – Summary by Permittee

This section summarizes various enforcement actions conducted for permittees in the first half of FY 2022/23. Potential enforcement actions include but are not limited to compliance inspections, compliance meetings, probation orders, enforcement compliance schedule agreements, regulatory compliance schedule agreements, orders to cease, permit suspensions, and permit revocations.

Advance-Tech Plating, Inc. (Permit No. 1-021389)

Advance-Tech Plating, Inc. (ATP) is a job shop metal finishing facility. The facility performs anodizing and passivation on steel, aluminum, and some copper/brass parts. Operations at ATP start with precleaning and etching, then deoxidizing with muriatic acid and anodizing with sulfuric acid, followed by chem filming and dye coloring per customer specification. To protect the dyed surface, the parts are dipped in a clear anoseal followed by final rinsing and drying. Most of the wastewater is generated from the rinsing operations. ATP operates a continuous and a batch pretreatment system which consists of chrome reduction, pH adjustment, flocculation, metal precipitation and clarification. ATP utilizes a filter press for sludge dewatering.

As a result of multiple pH and heavy metals violations in 2019, ATP identified malfunctioning equipment and addressed compliance deficiencies with the installation of additional pretreatment equipment. Throughout 2021 and 2022, ATP continued to have compliance issues including violations of nickel, zinc, and chromium limits. Corrective actions included contracting a certified wastewater treatment operator, waste-hauling all solids from the treatment system, updated facility drawings, updated O&M manual, updated wastewater characterization, and implementation of a daily log to track treatment system status. As a result of zinc and chromium violations in April and June of 2022, OC San conducted a compliance inspection in June 2022. At the time of inspection, ATP reported personnel did not maintain pH probe calibration, which likely resulted in ineffective treatment.

July 1 – December 31, 2022

On July 13, 2022, OC San completed a resample for the violations that occurred in the previous reporting period which showed wastewater discharge to be compliant. On September 13, 2022, OC San issued an NOV for June's monthly average zinc violation. On November 30, 2022, OC San conducted a compliance inspection to investigate the cause for the heavy metals violations that occurred on June 9, 2022. At the time of inspection, ATP attributed the violations to improper sludge management. The facility reported personnel initiate sludge management once solids are observed at the sample point. During the inspection,

OC San noted facility drawings were inaccurate, the facility did not document all batch treatment, and ATP made several facility modifications without prior written notification to OC San. The facility installed a sludge collection tank and second filter press. The facility also removed the batch treatment tank and disconnected related pretreatment and process control equipment.

On December 6, 2022, OC San issued a compliance requirements letter directing ATP to attend a compliance meeting to discuss facility drawings, recent non-compliances, pretreatment and waste segregation, and facility recordkeeping. During the compliance meeting on December 21, 2022, ATP stated operator error, irregular equipment calibration, and improper sludge management contributed to recent violations. In response, ATP added inclined plates to the lamella clarifier to promote sedimentation, instituted regular equipment calibration, purchased test equipment to review wastewater composition, and improved sludge management by installing additional process control equipment. Despite the facility's improvements, the risk remained that concentrated wastewater may discharge to the sewer without adequate treatment due to the use of a manual valve that does not provide proper segregation and control of waste. On December 22, 2022, OC San issued an NOV for failure to provide prior written notification of process changes. OC San had directed ATP to submit a report that summarized recent facility modifications and detailed the facility's plan for waste management and interim compliance while the batch treatment tank and related process control equipment remained out of service. ATP was required to submit this report and updated facility drawings by January 31, 2023.

OC San will continue enforcement in the next reporting period and continue to monitor ATP's discharge and compliance status on a quarterly basis.

AlSCO, Inc. (Permit No. 1-021656)

AlSCO, Inc. (AlSCO) performs laundry service for hotels and restaurants. The facility utilizes city water mixed with detergent and bleach to primarily wash table linens, napkins, aprons, uniforms, blankets, patient apparel, floor mops, mats, linens, and bedsheets. Wastewater generated from machine wash water, floor washdown, and a small amount of boiler blowdown discharges through a lint filter to an underground clarifier without any additional form of pretreatment.

July 1 – December 31, 2022

On September 2, 2022, AlSCO had instantaneous, daily average, and mass loading O&G-min. violations, for which an NOV was issued on October 4, 2022. On October 18, 2022, OC San conducted a compliance inspection at AlSCO to investigate the cause for the O&G-min. violation. On October 26, 2022, AlSCO submitted a corrective action report, which attributed the violations to a leak in a hydraulic line from one of the facility's industrial wash machines. In response, the facility replaced the hydraulic line and installed spill collection trays under each wash machine to prevent future releases from discharging to the wastewater collection system. Additionally, AlSCO instituted daily inspections for each wash machine's hydraulic system.

AlSCO had no additional violations during the reporting period. OC San will continue to monitor AlSCO's discharge and compliance status on a quarterly basis.

Aluminum Precision Products, Inc. (Susan) (Permit No. 1-011100)

Aluminum Precision Products (APP) manufactures parts for the aerospace, automotive, commercial, military/defense, recreational, and transportation industries. Aluminum Precision's process consist of pre-heating, aluminum forging, etching/deoxidation, and deburring. Wastewater is generated from the etching/deoxidation, dye penetrant, spent deburring solutions, and quenching operations. APP operates a continuous pretreatment system which consists of pH adjustment, flocculation, metal precipitation and clarification. APP utilizes a filter press for sludge dewatering.

July 1 – December 31, 2022

On July 6, 2022, APP had copper exceedances of the daily average limit and the maximum limit for which an NOV was issued on July 26, 2022. Aluminum Precision conducted an investigation but was not able to

readily identify a cause for the violations. The 30-day resample showed compliance with permit limits, although historical data indicates elevated levels of copper sporadically through the years.

OC San will continue enforcement during the next monitoring period and continue to monitor APP's discharge and compliance status on a quarterly basis.

APCT Orange County (Permit No. 1-600503)

APCT Orange County (APCT OC) specializes in prototype, quick turn, and semi-production orders. The manufacturing operations begin by generating film photo-tools. Production of the typical multilayer board begins by cutting the copper clad and pre-preg materials, photoresist application, inner-layer circuit imaging, photoresist developing, ammonium etching, alkaline resist stripping, and automatic optical inspection (AOI). This is followed by surface preparation, lamination, and drilling. Outer-layer circuit development proceeds by either panel-plate or pattern-plate process steps. Panel-plate boards undergo copper plating followed by photoresist application, circuit imaging, photoresist developing, and ammonium etching. Pattern-plate boards undergo photoresist application, circuit imaging, resist developing, and copper plating. The pattern-plate boards are then sent offsite for tin/lead plating and brought back onsite for ammonium etching and tin resist stripping. After resist stripping, the boards undergo a second AOI inspection, followed by solder mask application. The boards are again sent offsite for final surface finishing such as hot air solder leveling and/or nickel/gold plating. Upon return, the boards receive legend screening, a final visual inspection, routing, and electrical testing.

The effluent discharge at APCT OC is generated by aqueous fume scrubbing, the various spent process solutions, and the associated rinse wastestreams. APCT OC employs ion exchange, batch treatment, and pH adjustment to treat all wastewater generated prior to discharge to the sewer.

July 1 – December 31, 2022

On September 9, 2022, APCT OC had a copper violation for exceeding the daily average loading limit for which an NOV was issued on December 15, 2022.

OC San will continue enforcement during the next reporting period and continue to monitor APCT OC's discharge and compliance status on a quarterly basis.

ARO Service (Permit No. 1-021192)

ARO Service (ARO) performs repair and refurbishment of aluminum aircraft skins and wing components for the aviation industry. Operation at ARO includes chemical surface treatment. The conversion coating line at ARO consists of alkaline cleaning followed by a series of phosphoric acid/deoxidizer treatment and conversion coating and associated deionized water spray rinses. Wastewater from the rinse tanks is collected in a batch tank where soda ash is added and mixed with an air sparger to obtain a pH of 7.0 or higher before discharge to the sewer.

July 1 – December 31, 2022

On August 9, 2022, ARO had copper and zinc violations, for which an NOV was issued on August 30, 2022. On October 5, 2022, OC San conducted a compliance inspection to investigate the root cause for the copper and zinc violations. At the time of inspection, ARO attributed the violations to inadequate rinsing. Separately, ARO reported a process tank overflow causing the metals violations from December 2021.

On November 1, 2022, OC San issued an NOV for August's copper and zinc monthly average violations. On November 3, 2022, OC San issued a compliance requirement letter to ARO to attend a compliance meeting. During the compliance meeting held December 15, 2022, ARO cited operator error, equipment deterioration, and containment sump discharge design, as contributing factors to the recent violations. In response, ARO updated employee training, adjusted the spray nozzle rinse patterns, and rerouted plumbing from the containment sump to a collection tank. ARO instructed facility personnel to routinely test the collection tank contents to determine the appropriate method for disposal. Despite the corrective actions implemented, the risk remains that concentrated wastewater may discharge to the existing batch treatment

system and cause non-compliance issues. Therefore, ARO will be required to submit a proposal to integrate pretreatment technology equivalent to or better than Best Available Technology.

OC San will continue enforcement during the next reporting period and continue to monitor ARO's discharge and compliance status on a quarterly basis.

Arrowhead Products Corporation (Permit No. 1-031137)

Arrowhead Products Corporation (Arrowhead) manufactures air ducting systems, fuel manifolds, flexible metallic joints connectors, and complex fabricated components for aerospace applications. Wastewater generating operation(s) include abrasive jet machining, caustic dip, dye penetrant testing, general pickling, titanium pickling, alkaline cleaning, permanganate cleaning, pressure testing, Turco cleaning, and ultrasonic cleaning. Arrowhead operates a continuous pretreatment system, which consists of pH adjustment, chrome reduction, filtration, ion exchange, and clarification.

In 2021, Arrowhead had non-compliance issues ranging from bypass of the pretreatment system and the compliance sample point to lack of adequate treatment or flow measurement, which resulted in the issuance of a RCSA. At the conclusion of the RCSA, on February 15, 2022, Arrowhead and OC San conducted a multi-sampling event that resulted in two fluoride daily average violations for which two NOV's were issued in March 2022. During the compliance inspection conducted in March 2022, Arrowhead could not readily identify the root cause of the fluoride violations. However, Arrowhead believed it could have been due to the fluoride resin regeneration process. Arrowhead continued to observe an increase in fluoride concentrations after each regeneration procedure. In February 2022 and April 2022, Arrowhead had cyanide violations for which NOV's were issued in April 2022 and June 2022, respectively. In May 2022, OC San issued an NOV for the February 2022 fluoride monthly limit exceedance.

July 1 – December 31, 2022

On August 16, 2022, Arrowhead had fluoride and zinc daily limit violations, for which an NOV was issued on September 13, 2022. On October 4, 2022, OC San issued an NOV for July's ammonia monthly limit violation. On September 14, 2022, Arrowhead had fluoride daily limit violation, for which an NOV was issued on October 27, 2022. Arrowhead reported additional fluoride self-monitoring violations on September 21, September 22, October 5, and October 6, 2022, for which NOV's were issued on November 1, 2022. On October 5, 2022, Arrowhead had another fluoride violation, for which an NOV was issued on November 8, 2022. On October 6, 2022, OC San conducted a pre-permit inspection at Arrowhead and discussed the chronic nature of the fluoride violations at the facility. Arrowhead notified OC San of a fluoride study that the company had conducted to investigate the recent fluoride violations. On November 8, 2022, OC San issued an NOV for the monthly limit exceedances of fluoride and zinc in August 2022. On December 8, 2022, OC San issued an NOV for the monthly limit exceedance of fluoride in September 2022. On November 1, 2022, Arrowhead had a fluoride daily limit violation for which an NOV will be issued during the next monitoring period.

OC San will continue enforcement during the next reporting period and continue to monitor Arrowhead's discharge and compliance status.

B. Braun Medical, Inc. (West/Lake) (Permit No. 1-541183)

B. Braun Medical, Inc. (West/Lake) (B. Braun West) manufactures pharmaceutical intravenous (IV) fluid and the packaging for the fluid. The majority of the IV solutions are either dextrose or sodium based. The manufacturing process includes mixing, filling, sterilization, and packaging of aqueous injectable and parenteral pharmaceutical products. The facility employs a blow-molding process line that forms the IV bag units where single-piece plastic containers are blow-molded and filled in a room along a process conveyor belt. The packages are sprayed and bath-sterilized before they are placed on pallets and collected for shipment. Operations contributing to wastewater generation include forming of plastic containers and extruding plastic films for IV bags, mixing/blending of IV solutions, filling IV bags with solution, sterilizing manufactured products; and preparing products for shipment. Waste from the sterilization process consists of condensate that accumulates on the packages during the cooling process, and the water drained weekly from the heat exchangers.

The primary sources of wastewater are generated from the steam sterilization equipment and an IV bag crushing machine located in an outdoor reclamation area. The IV bag crushing machine separates the liquid contents from plastic IV bags that did not meet the facilities stringent quality control standards. Wastewater from the IV bag crushing unit operations gravity drain through a steel grated catch basin, which separates the IV solutions from the shredded plastic. Once drained, the shredded plastic containers are collected and transported for offsite recycling. The IV bag crushing machine wastewater gravity drains through the catch basin and undergoes pH adjustment with 50% sodium hydroxide. Following the pH adjustment step, this wastewater gravity drains and combines downstream with the steam sterilization and other wastewater streams from the blow-molding process line prior to discharge.

July 1 – December 31, 2022

On June 20, 2022, B. Braun West had a pH violation for which an NOV was issued on July 12, 2022. Following issuance of the NOV, B. Braun West submitted a corrective action report to address the root cause of the pH violation. B. Braun West attributed the violation to a low flow condition which concentrated the sodium hydroxide in the discharge from the pH adjustment system. The current configuration of the pH adjustment system has a display where the dosing pump supplies sodium hydroxide at a fixed rate with limited controls. As a corrective action, B. Braun West proposed increased monitoring and integration of the pH adjustment system to the main control room to allow remote monitoring from facility operations personnel. B. Braun West also proposed to install alarms and set point control for the pH adjustment system. On July 27, 2022, OC San conducted a follow-up inspection and resampling to verify the effectiveness of the increased monitoring. The resampling results demonstrated compliance with pH limits. On November 14 and 15, 2022, B. Braun (West) had two pH violations on consecutive days for which an NOV will be issued during the next reporting period.

OC San will continue enforcement during the reporting period and continue to monitor B. Braun West's discharge and compliance status on a quarterly basis.

Beverage Visions LLC (Anaheim) (Permit No. 1-601448)

Beverage Visions, LLC (Beverage Visions) blends raw ingredients with water to produce beverages. Wastewater generated from clean-in-place (CIP) and equipment rinses, steam sterilization, and boiler blowdown discharge to a three-stage clarifier, a final discharge compartment, then to sewer. The facility utilizes an automated pH adjustment system, which doses caustic and sulfuric acid to the clarifier's first stage.

July 1 – December 31, 2022

On July 7, 2022, OC San completed a resample for pH that occurred in the previous reporting period, which resulted in another pH violation. On July 20, 2022, Beverage Visions submitted a correction action summary in response to the pH violations in June. The facility attributed the violations to faulty equipment and a general lack of oversight. In response, Beverage Visions replaced the pH adjustment system's preamplifiers and pH probes, implemented biweekly pH probe calibration, instituted hourly monitoring, and documented their actions accordingly. Separately, Beverage Visions notified OC San that they had sold the facility. Therefore, the permit was subsequently voided, and a new permit was issued to the new occupant, Koia Anaheim Facility, LCC. An NOV was issued on July 26, 2022, for the pH violation that occurred on July 7, 2022; however, no further enforcement action will be taken against Beverage Visions, LLC (Anaheim).

Black Oxide Industries, Inc. (Permit No. 1-021213)

Black Oxide Industries, Inc. (Black Oxide) performs metal finishing and surface treatment to steel, stainless steel, aluminum, copper, and brass parts provided by customers. Operations include surface preparation and cleaning, black oxide, manganese and phosphate coating, chemical black application, passivation, and post metal coating with oil and carnauba wax. Black Oxide utilizes a continuous and a batch treatment system. Black Oxide discharges rinsewater to the continuous pretreatment system for pH adjustment, polymer addition, and sedimentation, with the exception of two running rinses which discharge to a separate collection tank for pH neutralization then discharge directly to the sample point and sewer. Black Oxide

batch treats spent process solutions as necessary. The facility utilizes a filter press for phase separation and returns the filtrate to the start of the continuous treatment train for supplemental treatment.

July 1 – December 31, 2022

On November 15, 2022, Black Oxide had a pH violation, for which an NOV was issued on December 1, 2022.

OC San will continue enforcement during the next reporting period and continue to monitor Black Oxide's discharge and compliance status on a quarterly basis.

Brasstech, Inc (Permit No. 1-600316)

Brasstech, Inc. (Brasstech) operations consist of electroplating, coating, and chemical etching. Ancillary operations include scrubber bleed, cleaning, and laboratory testing. Dry operations include vapor plating under vacuum, miscellaneous machining operations, brazing/welding, and painting operations.

There are three process lines for electroplating with non-precious metals including nickel and trivalent chrome, oxide, and stripping for reworked parts. Brasstech uses trivalent chromium, and no hexavalent chromium is kept onsite. Products are all brass-based alloys, where copper and zinc ratios are adjusted for hardness. Other metals may be combined to adjust for machinability, corrosion, or other physical and chemical properties; these metals include aluminum, lead, and arsenic. Brasstech utilizes a variety of methods to generate over 25 different finishes on their parts, and carries over 200 design and utility patents.

Wastewater treatment includes segregated wastestreams for chrome, nickel, and batch lines. Rinse water is recycled where possible through cation and anion exchange tanks, while ion exchange regenerant is batch treated and discharged. Treatment includes wastestream equalization, hydroxide precipitation, flocculation, thickening, filter press, and pH adjustment; each batch is jar tested, checked for compliance, and logged prior to discharge. There are several conductivity, pH, and ORP meters for use with the programmable logic controller.

July 1 – December 31, 2022

On September 1, 2022, OC San issued an NOV for the zinc monthly exceedance that occurred in the last reporting period.

OC San will continue enforcement during the next reporting period and continue to monitor Brasstech's discharge and compliance status on a quarterly basis.

Brothers International Desserts (West) (Permit No. 1-600582)

Brothers International Desserts (West) (Brothers West) is an ice-cream and frozen novelty manufacturer. Most of the wastewater is generated by the cleaning and sanitizing of equipment used for the manufacturing processes. All the wastewater generated on site is treated by a pH adjustment system before discharge to the sewer.

In April 2022, Brothers West had a pH violation, for which an NOV was issued in the same month. Brothers West submitted their corrective action report attributing the root cause of the pH violation to a malfunctioning sensor on the pH adjustment system. Brothers West further stated that the malfunctioning sensor failed due to poor materials of construction. As a corrective action, Brothers West upgraded to a more robust pH sensor and a digital gateway better suited for their application. Brothers West also implemented hourly pH testing of their wastewater with a handheld instrument to confirm compliance prior to discharge.

July 1 – December 31, 2022

On July 11, 2022, OC San conducted a compliance inspection in conjunction with a pre-permit inspection to verify the installation status of new equipment on-site and its effectiveness on the pH adjustment. The equipment appeared to be in good condition and the sample showed compliance with pH limits.

OC San will continue to monitor Brothers West's discharge and compliance status on a quarterly basis.

Cargill, Inc. (Permit No. 1-031060)

Cargill, Inc. (Cargill) is a bulk loading station with facilities for storage and packaging of vegetable-based and animal-based oils. Wastewater is generated by steam cleaning of packaging equipment and washdown of loading, processing, and packaging areas. Pretreatment at the facility consists of a skim basin followed by clarification for the removal of oil and fat and pH adjustment.

In October 2019, OC San issued a compliance requirement letter requiring Cargill to develop a stormwater mitigation plan to divert stormwater from sewer discharge. In November 2019, with the assistance of their consultant, Cargill submitted their response to the compliance requirement letter. OC San reviewed the submittal and considered it to have adequately addressed the issues at the time. During a routine inspection in February 2021, OC San was informed that Cargill continued to discharge the 'first flush' of stormwater into the sewer system. OC San requested Cargill to provide detailed documentation of the procedures that Cargill had put in place to mitigate their stormwater discharge. Cargill submitted their response to OC San's request and Cargill confirmed that the 'first flush' continues to be discharged to the sewer.

In July 2021, OC San issued a compliance requirement letter for Cargill to provide a proposal to mitigate stormwater intrusion into the sewer system. In October 2021, Cargill submitted their proposal to modify certain existing structures to minimize stormwater discharge and to apply for a SPDP for the stormwater discharge. In December 2021, OC San conducted an inspection during a rain event and observed that stormwater was actively discharging into the sewer and an NOV was issued in March 2022 as a result. In March 2022, OC San rejected Cargill's proposal for an SPDP and requested an alternative proposal to be provided. Cargill then submitted a revised proposal to implement a revised operating procedure to manually divert stormwater from several areas during a storm event utilizing switchover valves. Cargill also proposed to reconfigure the piping in the boiler area to discharge directly to the waste treatment basin. Cargill did not provide any revised solution to mitigate the stormwater discharge from the rail track and east truck loading area. In May 2022, Cargill submitted a copy of their updated stormwater operating procedure.

July 1 – December 31, 2022

OC San continues to review Cargill's proposal during this reporting period and will continue enforcement actions during the next reporting period. OC San will continue to monitor Cargill's discharge and compliance status on a quarterly basis.

Chevron EMC (Brea Union Plaza) (Permit No. S-052225)

Chevron EMC (Brea Union Plaza) (Chevron EMC) is an SPDP that has been active since 2004. The discharge consists of groundwater dissolved with nitrate (as NO₃) extracted from the former Union Oil Company of California (Unocal) Collier Fertilizer plant which has been redeveloped as the Birch Hills golf course and Brea Union Plaza shopping center. Groundwater is pumped directly to the discharge point from several extraction wells. There is no pretreatment of the extracted groundwater prior to discharge.

July 1 – December 31, 2022

On August 1, 2022, OC San issued an order to terminate discharge without a valid permit since the Chevron EMC permit No. S-052225 expired on July 31, 2022, and no permit application to renew the permit was submitted to OC San. Chevron EMC submitted their SPDP renewal application on September 14, 2022, and their permit was subsequently issued on November 1, 2022.

OC San will continue to monitor Chevron EMC's compliance status on a quarterly basis.

Chromadora, Inc. (Permit No. 1-511414)

Chromadora, Inc. (Chromadora) is a medium-size plating job shop that specializes in decorative chrome finishing. The finishing of a typical wheel begins offsite at an outside paint stripping service that provides organic coating removal. The wheel is then transferred to Chromadora's offsite location for polishing to provide a smooth unblemished surface. Once onsite, the wet surface finishing proceeds with alkaline and acid cleaning, to remove any residue and oxidation, followed by the application of a zincate film to prevent the aluminum surface from oxidizing prior to metal plating. Next, the wheel receives copper plating followed

by manual buffing. A soap cleaning step removes any traces of buffing compound followed by electrocleaning, bright nickel plating, and finally chrome plating which completes the wet finishing operations. The wastewater discharge at Chromadora is generated by the various spent process solutions and the associated rinse wastestreams.

In April 2021, OC San conducted a multi-sampling event (24-hr composite and grab samples) in the Talbert Trunk, immediately downstream of Chromadora which resulted in violations of chromium, copper, nickel, and zinc.

July 1 – December 31, 2022

On June 9, 2022, Chromadora had a TTO violation for which an NOV was issued on July 12, 2022. OC San conducted a compliance inspection on August 1, 2022, to determine the root cause of the violation. After reviewing site operations with the site contact, Chromadora explained the source of the violation. Prior to the sampling event, Chromadora staff were painting portions of the manufacturing area. One of the staff rinsed some rags used for paint and solvent clean-up and discharged the water into a rinse tank routed to the treatment system and sewer. Chromadora confirmed that there are no other sources of TTOs at the facility and they have trained staff on appropriate waste management practices and BMPs.

OC San will continue enforcement during the next reporting period and continue to monitor Chromadora's discharge and compliance status on a quarterly basis.

City of Huntington Beach Fire Department (Permit No. 1-111015)

The City of Huntington Beach Fire Department produces crude oil from three wells located on municipal property. Crude oil is separated from brine via gravity in a wash tank. Crude oil is held in a separate tank for shipment to refineries. Separated water then flows through a three-stage clarifier, sample box, and then to the sewer.

July 1 – December 31, 2022

On August 15, 2022, OC San conducted a site inspection at the City of Huntington Beach Fire Department to verify the facility was no longer discharging industrial wastewater and a wastewater discharge permit is not required at this time. On August 29, 2022, OC San received City of Huntington Beach Fire Department's Request to Close Account Form for the Class 1 Wastewater Discharge Permit. The permit was subsequently closed out.

Coast to Coast Circuits, Inc. (Permit No. 1-111129)

Coast to Coast Circuits, Inc. (Coast) is a medium size facility that specializes in quick-turn and semi-production orders for aerospace, commercial, medical, military/defense, and telecommunication applications. The circuit manufacturing processes include cutting the copper clad or unclad materials, photoresist application, inner-layer circuit imaging, resist developing, ammonium etching, and alkaline resist stripping. For multilayer boards, circuit manufacturing is followed by brown oxide or plasma surface preparation, lamination, drilling, and plasma or high-pressure de-smear.

Coast to Coast treats low concentration rinse waters using an ion exchange system and recycles the treated water back to process tanks. Concentrated process solutions are segregated and treated in an automatic batch treatment system. The automatic batch treatment system consists of one surge tank, a sump, two holding tanks, and two treatment tanks. The system is also equipped with automatic pH and ORP control and uses coagulant, precipitant, and flocculant. The remaining wastewater with negligible or no pollutant concentration levels is routed to the clarifier for pH adjustment prior to discharge to the sewer. As a result of a probation order issued in June 2020, Coast to Coast is required to complete installation of a pH diversion valve system, new clarifier, and effluent flow meter.

As a result of a pH violation, multiple compliance deficiencies, and failure to comply with subsequent compliance requirement letters, Coast to Coast was issued a probation order in June 2020. From August to December 2020, after multiple revisions to compliance requirement proposals, multiple meetings with Coast to Coast, and a copper violation, OC San accepted the proposed changes to the facility. However,

Coast to Coast failed to install the proposed pretreatment system and process modifications as accepted by OC San. As a result of a copper violation in March 2021 and continued noncompliance, OC San issued a compliance requirements letter in May 2021, requiring Coast to Coast to complete outstanding probation order requirements.

July 1 – December 31, 2022

On September 2, 2022, OC San issued a letter requiring Coast to attend a compliance meeting. At the compliance meeting on October 12, 2022, Coast informed OC San that the updated process and piping drawings are currently being prepared and preliminary drafts should be available in the coming weeks. Upon review of the submitted documentation, it was determined that the flow meter as installed is not accepted by OC San. On October 20, 2022, OC San issued a post-compliance requirements letter to Coast directing the company to submit a proposal for the installation of an effluent flow meter installed downstream of all process and pretreatment equipment (including the clarifier) by November 15, 2022, and after acceptance by OC San, complete installation and submit final as-built drawings by the next reporting period. In November 2022, Coast had a monthly exceedance of copper, for which an NOV will be issued in the next reporting period.

OC San will continue enforcement during the next reporting period and continue to monitor Coast's discharge and compliance status on a quarterly basis.

Coastline Metal Finishing Corp. A Division of Valence Surface Technologies (Permit No. 1-600708)

Coastline Metal Finishing Corp. A Division of Valence Surface Technologies (Coastline) is a medium size metal finishing job shop for a wide variety of customers in the electronics, medical, aerospace, military, defense, and optical industries. Operations includes alkaline cleaning, caustic etch, precious metals electroplating, nickel plating, anodizing, chemfilm, dyeing, passivation, pickling, and tin/tin-lead electroplating. Coastline has three close looped ion exchange systems for removal of nickel, tin-lead, chrome, precious metals and cyanide from the rinse streams. The discharge at Coastline consists primarily of selected running rinses that are discharged to equalization tanks and then to the sewer without any pretreatment.

In October 2021, as a result of a compliance inspection and issuance of a compliance requirements letter, Coastline was required to immediately cease the practice of running rinses without parts being processed and to provide a proposal to implement effective flow control through the rinse tanks. In November 2021, Coastline provided a proposal to install conductivity meters on the rinse tanks and submitted a revised proposal in February 2022 to install a tank control system that utilizes a conductivity meter to turn on/off a solenoid valve to control water usage. Coastline proposed to install these systems in phases and estimated to have the system installed on all running rinses within a year. In the interim, Coastline proposed to implement manual logs to document valve closures for the running rinses. In May 2022, OC San accepted Coastline's proposal. OC San extended the implementation schedule deadline due to delays in Coastline obtaining the necessary equipment to install and test.

In March 2022, Coastline had a pH violation. Coastline attributed the pH violation to a miscommunication between their operators, where operators did not run caustic rinses while running the anodizing rinses. In April 2022, Coastline had another pH violation. In May 2022, Coastline submitted a proposal to install an automatic pH adjustment and monitoring system with audio and visual alarms. As an immediate corrective action for the pH violation, Coastline had installed the automatic pH adjustment system prior to OC San acceptance of Coastline's proposal.

July 1 – December 31, 2022

Coastline had additional delays in obtaining the correct parts and equipment for the automatic tank control system. Installation for the first three systems was completed on October 18, 2022. OC San extended the implementation schedule deadline to November 30, 2022, to provide sufficient time for Coastline to test the effectiveness of the system and to gather information for the implementation schedule. On December 16, 2022, Coastline submitted the implementation schedule, which OC San is currently evaluating.

During this reporting period, OC San also received logged pH data from Coastline's implemented system to evaluate the effectiveness of the automatic pH adjustment system.

OC San will continue enforcement actions during the next reporting period and continue to monitor Coastline's discharge and compliance status on a quarterly basis.

CP-Carrillo, Inc. (McGaw) (Permit No. 1-571316)

CP-Carrillo, Inc. (CP-Carrillo) manufactures original equipment steel connecting rods and aluminum pistons used in high performance racing applications. The products, which are designed in-house, are manufactured primarily with CNC (computer numerical control) machines on site. The company has another facility nearby for machine shop support.

Wastewater is generated from the cleaning, tumbling, and deburring of engine parts comprised of aluminum, steel, brass, and chrome. The pretreatment system at CP-Carrillo consists of a batch tank which collects sludge and water from the cleaning, tumbling, and deburring of engine parts comprised of aluminum, steel, brass, and chrome. The batch tank drains to a conveyor belt paper filtration system. As the paper filter collects solids, wastewater drains through the belt into a sump collection. When enough solids/foam accumulate on the filter paper a float is engaged to advance the paper forward into a collection bin, collecting the used paper for waste-hauling and pulling fresh paper out for the next amount of sludge filtration. The sump collection flows into another sump collection compartment, before the wastewater is pumped through a cartridge filter assembly and then into the wall-mounted sample box that gravity drains to the sewer. The sample box is configured with baffles to promote settling and ports for box cleaning and sample collection.

July 1 – December 31, 2022

On June 13, 2022, CP Carrillo, Inc (McGaw) had an instantaneous and a daily maximum exceedance O&G-min., for which an NOV was issued on July 7, 2022. On August 1, 2022, CP Carrillo, Inc. (McGaw) submitted their corrective action report citing the source of the O&G-min. violation to a delayed filter replacement. The in-line filter is installed prior to the batch collection tank to remove oil residues from wastewater prior to discharge. Corrective actions identified by CP Carrillo, Inc. (McGaw) in the report included training of all supervisors and maintenance staff on the routine two-week filter replacement; establishing a maintenance log for filter replacements including date, time, and individual performing the task; and increasing the inventory of spare filters available at the facility. On September 8, 2022, CP Carrillo Inc. (McGaw) had a copper violation, for which an NOV was issued on September 27, 2022. On October 19, 2022, OC San conducted a compliance inspection to investigate the root cause of the copper violation and to verify corrective actions from the previous O&G-min. violation had been implemented. CP Carrillo, Inc. (McGaw) attributed the copper violation to a buildup of solids in the batch tank and associated piping caused by poor maintenance. On November 4, 2022, CP-Carrillo (McGaw), Inc. submitted their corrective action report. The facility corrective actions included increased training to improve maintenance, replacement of all piping between the batch tank and the sample point, installation of a new 50-micron sediment filter on the effluent of the batch tank, pressure washing the batch tank to remove sediments, and implementation of a new quarterly maintenance schedule for cleaning the batch tank.

OC San will continue to monitor CP Carrillo's discharge and compliance on a quarterly basis.

Data Electronic Services, Inc. (Permit No. 1-011142)

Data Electronic Services (DES) is a job shop that processes customer-supplied boards. The circuit board manufacturing process is typically preceded by copper panel plating; however, a very small percentage of the boards are processed by copper pattern plating techniques as well as tin plating etch resist. Multilayer hole conductivity is completed via potassium permanganate, hole conditioning, micro-etch, palladium catalyst, and electroless copper plating. Other operations conducted on site include automatic and high pressure Hyoki scrubbing, resist stripping, and rack stripping. Final surface finishing includes bright nickel plating, silver plating, tin plating, and electroless nickel immersion gold plating. The effluent discharge at DES is generated by the aqueous fume scrubbing, the various spent process solutions, and the associated

rinse wastestreams. DES employs continuous hydroxide precipitation, batch treatment, clarification, and solids processing by filter press prior to discharge to the sewer.

July 1 – December 31, 2022

On October 5, 2022, DES had a copper violation, for which an NOV was issued on December 13, 2022.

OC San will continue enforcement during the next reporting period and continue to monitor DES' discharge and compliance status on a quarterly basis.

Edwards Lifesciences, LLC (Permit No. S-601312)

Edwards Lifesciences, LLC (Edwards) is an SPDP that has been active since 2022. Groundwater seepage is collected from foundation drains below a parking garage. The groundwater collection system consists of a sump beneath the parking structure. Over time, groundwater seepage accumulates in the sump and is conveyed through a pH adjustment system prior to discharge to the sewer. The pH adjustment system consists of citric acid injection and a flow totalizer.

July 1 – December 31, 2022

During the new permit inspection in May 2022, OC San observed that the existing sump had a direct piping connection to OC San sewerage facilities which bypassed the pH adjustment system. In June 2022, OC San met with Edwards prior to issuing the new permit to review the current system configuration and discuss options for mitigating the bypass of treatment. During the same month, OC San received Edwards's proposal in response to the bypass of treatment of groundwater conveyed to the sump. On November 2, 2022, OC San issued a compliance requirement letter accepting Edwards's proposal to (1) install new controls on the sump pump, including integration of the existing pH adjustment system controller and pH high and low alarms, (2) install a flow totalizer on the sump discharge line to totalize any potential flow of wastewater that bypasses the pH adjustment system and (3) implement the proposal by the next reporting period.

OC San will continue to monitor Edwards' discharge and compliance on a quarterly basis.

Electrode Technologies, Inc. dba Reid Metal Finishing (Permit No. 1-511376)

Electrode Technologies, Inc. dba Reid Metal Finishing (RMF), formerly listed as Reid Metal Finishing, is a metal finisher providing chromic anodizing, passivation, hard anodizing, sulfuric anodizing, chem film, and plating services of stainless steel, aluminum, copper, brass, bronze, and zinc die castings. RMF processes products for the aerospace, military, medical, and commercial industries. Wastewater is generated from the rinses used in the various surface finish processes and air scrubber wash water. RMF's pretreatment system consists of chrome reduction, cyanide destruction, hydroxide precipitation and sludge filtration.

In September 2019, RMF had a cadmium monthly average discharge limit violation. RMF could not determine the source of the violation, and it was noted that previous and post-violation sampling results had been well below daily and monthly limits. In January 2020, Reid had another cadmium monthly limit violation. As a result of these violations, RMF evaluated their cadmium treatment procedures, and conducted a 30-day pilot test utilizing a plate-out system for additional cadmium removal. In May 2020, RMF had another cadmium monthly limit violation.

July 1 – December 31, 2022

In July 2022, RMF exceeded both the cadmium and copper monthly average discharge limits. On August 3, 2022, RMF had a daily average and a daily loading average nickel violation, for which an NOV was issued on September 13, 2022. This violation resulted in a monthly average discharge limit exceedance for the month of August 2022, for which an NOV was issued on November 1, 2022. On September 22, 2022, RMF exceeded the loading daily average limit for copper, for which an NOV was issued on October 18, 2022. On October 4, 2022, OC San issued an NOV for the July 2022 cadmium and copper monthly average discharge limit exceedances. On November 2, 2022, OC San conducted a 30-day resample and compliance inspection. RMF noted that a pump on the filter press had been damaged, resulting in metals not being captured by the filter press. RMF also noted that while modifying the pretreatment system

proposal, they had noted several sections could benefit from an increase in sizing and would be including this in the pretreatment system proposal.

OC San will review the RMF's pretreatment system proposal upon receipt, and will continue to monitor RMF's discharge and compliance status on a quarterly basis.

GKN Aerospace Transparency Systems (Permit No. 1-531401)

GKN Aerospace Transparency Systems (GKN) manufactures glass and acrylic transparencies for the military and general aviation and automotive industries. Canopies, windows, windshields, and specialty lenses are manufactured from acrylic and glass base materials formulated and prepared on-site. Acrylic sheets are produced from a methyl methacrylate polymer and allowed to cure between gasketed sheets of glass. The finished sheets are ground down and polished/shaped in large circular chambers with water and abrasive powder to final customer specifications. Some transparencies are layered with various abrasive resistant and/or optical coatings.

In January 2022, OC San observed that GKN was continuously running clean water into their trench drains to keep solids from building up which is a violation of OC San's Ordinance Prohibition on Dilution. OC San also observed two different discharge point for GKN industrial waste that was not captured in their compliance sample point. GKN was also discharging industrial wastewater through wash sinks located in its other building that was not permitted. OC San issued an NOV in March 2022 to address these violations. OC San also requested GKN to submit a proposal for a representative sample point. In April 2022, GKN indicated that it had ceased the continuous discharge of clean water into the trench drains, waste hauled all generated wastewater from industrial sinks in Building 2, and was still working to identify a potential location for a representative sample point. GKN encountered several delays in submitting the proposal for the representative sample point and required several extensions.

July 1 – December 31, 2022

On August 10, 2022, GKN submitted its proposal for a representative sample point. A meeting between OC San and GKN was held on August 17, 2022 to discuss the proposal. OC San requested that GKN submit a revised proposal to clarify the position of different wastewater sources and their relation to the new sample point. On September 1, 2022, GKN submitted a revised proposal that showed all wastewater sources and their plumbing configurations to the new sample point. OC San accepted GKN's proposal on September 9, 2022, and required GKN to implement the proposed sample point by October 31, 2022. GKN encountered additional financial delays and contractor scheduling difficulties. GKN completed the installation of the sample point on December 12, 2022.

OC San will continue enforcement during the next reporting period and will continue to monitor GKN's discharge and compliance status on a quarterly basis.

Gold Coast Baking Company, Inc. (Permit No. 1-601700)

Gold Coast Baking Company, Inc. (Gold Coast Baking) produces baked goods consisting of loaves, rolls, and sliced breads. Bulk raw materials (a variety of flour, oils, yeasts, and additives) arrive onsite and are stored in process tanks or silos which are piped directly to the mixers. Ingredients are mixed and weighed according to recipes to form a dough. All loaf pans and sheet trays are sprayed with an emulsifier/oil mix prior handling the dough. The dough is formed and proofed prior to baking. Certain products like sourdough are required to proof or enter steam chambers prior to baking. After baking, the baked goods are allowed to cool prior to packaging, storage, and shipment to customers.

Wastewater is generated from the cleaning, washing, rinsing, and sanitization of the mixers, process equipment, totes, loaf pans/sheet trays, and floor wastes, as well as from the boiler blowdown. Wastewater collects in a large wet well on west side of the building outside of the maintenance shop. The wet well pumps to a four-stage underground clarifier with a sample box.

On August 25, 2021, OC San conducted an Industrial Waste Survey, in which it was determined Gold Coast Baking required a Class 1 Wastewater Discharge Permit since Gold Coast Baking has the potential to violate pH limits. Gold Coast failed to submit a permit application following multiple requests from OC San.

July 1 – December 31, 2022

On July 22, 2022, OC San received a request for an extension for both the effluent meter and pretreatment system proposals as Gold Coast was working with multiple consultants and attempting to determine the best appropriate option, to which OC San accepted the extension request for a new date of August 15, 2022.

On August 5, 2022, OC San received an effluent meter proposal from Gold Coast Baking; however, a pretreatment system proposal continued to be developed. Between August and September 2022, OC San and Gold Coast Baking exchanged emails regarding information about the specific effluent meter proposed; however, it was determined that this particular effluent meter was not acceptable as it would only display the flowrate (i.e., volume per unit time), without a non-resettable totalizer. During this time a pretreatment system proposal was not submitted.

On November 16, 2022, Gold Coast Baking had a pH violation, for which an NOV was issued on December 1, 2022. On December 19, 2022, OC San held a 30-resample and compliance inspection at Gold Coast Baking. OC San noted that although the wastewater was compliant at the time of the resample, a pretreatment system proposal is past due, and additional pH violations would likely continue to occur. Gold Coast Baking stated it would re-evaluate its proposals (both for the installation of the pretreatment system and effluent meter) with its consultants and submit revised proposals.

OC San will review the proposals once received and continue enforcement in the next reporting period. OC San will continue to monitor Gold Coast Baking's discharge and compliance status on a quarterly basis.

Goodwin Company (Permit No 1-031043)

Goodwin Company (Goodwin) manufactures household cleaning and surface treatment products, which are formulated from raw chemical feedstocks and soft water. Floor and equipment wash-downs represent most of the industrial wastewater generated, along with a small amount of soft water system reject. Floor run-off from production room and outdoor tank farm area is collected and then pumped over to an equalization tank equipped with a pH monitoring and adjustment system and flows through a series of bag filters prior to discharging to the sewer.

On May 10, 2022, Goodwin had an O&G-min. violation for which an NOV was issued on June 16, 2022. OC San requested a corrective action letter to be submitted by June 30, 2022.

July 1 – December 31, 2022

On July 6, 2022, Goodwin submitted their root cause analysis and corrective action report for the previous reporting period's O&G-min. violation. Goodwin attributed the violation to debris build-up in the trenches where rinse water drains from the fill lines. As a corrective action, Goodwin implemented monthly cleaning of the trenches. On July 18, 2022, OC San conducted a compliance inspection to review the cause of the violation. During the inspection, Goodwin informed OC San that they conducted further investigation and attributed the violation to spills from one of their fill machines. The fill machine does not have any secondary containment to capture any spills or excess chemicals. The excess chemicals then discharge to a floor drain, which is then pumped to the treatment system. OC San also observed that wastewater from hand sinks by the tank washdown area flows as runoff over a concrete pad into a floor drain. OC San required Goodwin to hard plumb the hand sink and to install secondary containment under the fill machine by August 31, 2022. On September 2, 2022, Goodwin had completed the replumbing and installation of the secondary containment. On November 22, 2022, Goodwin had another oil & grease violation, for which an NOV was issued on December 29, 2022.

OC San will continue enforcement during the next reporting period and will continue to monitor Goodwin's discharge and compliance status on a quarterly basis.

House Foods America Corporation (East) (Permit No. 1-600906)

House Foods America Corporation (East) (House Foods) manufactures tofu food products from raw soybeans. The soybeans are transported to the facility on large tanker trucks and stored in silos. The

soybeans are then transferred into large kettles or vats, where the soybeans are mixed with water and some lime for cleaning and soaking. The mixture is then pressure cooked and ground into slurry to extract the soy milk. Calcium sulfate is added as a coagulant to form tofu “bricks” in conveyORIZED formation machines where coloration and flavoring are also added. The bricks come off the lines, are inspected, and then packaged for shipment to customers. Equipment and floor wash-down water and the soybean soak and cooking water are the main sources of wastewater discharged. Wastewater from five boiler units and discharge from a water softening system for the boiler feed water also contribute to the company’s effluent discharge. Pretreatment is limited to pH adjustment utilizing sodium hydroxide in the first stage of an underground clarifier.

House Foods America Corporation (East) (House Foods) is the second discharge point that shares the same tofu manufacturing operations as House Foods America Corporation (West) (Permit No. 1-031072). This permit was issued to accommodate additional production lines that discharges to a separate clarifier.

In January 2022, OC San conducted a 24-hour pH monitoring event. During this event, House Foods had several instances where the discharge pH was below 6.0. An NOV was issued in February 2022. House Foods appealed the NOV as House Foods’ pH chart recorder did not show any instances of non-compliant discharges. In April 2022, OC San rescinded the NOV after evaluating onsite data and facility information pertaining to the sample results. However, House Foods continued to investigate potential modifications to their current pH adjustment system.

July 1 – December 31, 2022

On July 18, 2022, House Foods submitted a draft design for the modification for the pH adjustment system. House Foods proposed to install a recirculation tank where wastewater is pumped back to all three stages of the clarifier and uses automatic inline pH adjustment. The proposal includes mixing by pump recirculation and included installation of manual shut off valves. On August 4, 2022, a meeting was held between OC San, House Foods, and House Foods’s consultant to discuss the draft design. OC San brought up the concern that the recirculation will degrade the settling capacity in the clarifier. On October 18, 2022, House Foods submitted a revised proposal that included additional solids removal via a self-indexing filter system from their tofu presses prior to pH adjustment. OC San is currently evaluating the proposal and will respond in the next reporting period.

OC San will continue enforcement during the next monitoring period and continue to monitor House Foods’ discharge and compliance status on a quarterly basis.

House Foods America Corporation (West) (Permit No. 1-031072)

House Foods America Corporation (West) (House Foods) manufactures tofu food products from raw soybeans. The soybeans are transported to the facility on large tanker trucks and stored in silos. The soybeans are then transferred into large kettles or vats, where the soybeans are mixed with water and some lime for cleaning and soaking. The mixture is then pressure cooked and ground into slurry to extract the soy milk. Calcium sulfate is added as a coagulant to form tofu “bricks” in conveyORIZED formation machines where coloration and flavoring are also added. The bricks come off the lines, are inspected, and then packaged for shipment to customers. Equipment and floor wash-down water and the soybean soak and cooking water are the main sources of wastewater discharged. Wastewater from five boiler units and discharge from a water softening system for the boiler feed water also contribute to the company’s effluent discharge. Pretreatment is limited to pH adjustment utilizing sodium hydroxide in the first stage of an underground clarifier.

In January 2022, OC San conducted a 24-hour pH monitoring event. During this event, House Foods had several instances where the discharge pH was below 6.0. An NOV was issued in February 2022. House Foods appealed the NOV as House Foods’ pH chart recorder did not show any instances of non-compliant discharges. In April 2022, OC San rescinded the NOV after evaluating onsite data and facility information pertaining to the sample results. However, House Foods continued to investigate potential modifications to their current pH adjustment system.

July 1 – December 31, 2022

House Foods submitted a proposal for the modification for the pH adjustment system on July 18, 2022. House Foods proposed to install a recirculation tank where wastewater is pumped back to all three stages of the clarifier and is uses automatic inline pH adjustment. The proposal includes mixing by pump recirculation and included installation of manual shut off valves. A meeting was held on August 4, 2022, between OC San, House Foods, and their consultant to discuss the draft design. OC San brought up the concern that the recirculation will degrade the settling capacity in the clarifier. On October 18, 2022, House Foods submitted a revised proposal that included additional solids removal via a self-indexing filter system from their tofu presses prior to pH adjustment. OC San is currently evaluating the proposal and will respond in the next reporting period.

OC San will continue enforcement during the next monitoring period and continue to monitor House Foods' discharge and compliance status on a quarterly basis.

Howmet Global Fastening Systems Inc. (Permit No. 1-021081)

Howmet Global Fastening Systems Inc. (Howmet) manufactures aluminum, titanium, and steel fasteners. Wastewater-generating processes include cadmium, copper, silver, nickel and zinc plating; potassium permanganate treatment; cyanide stripping; glycol lubricant coating; acid stripping; chromate conversion coating; deburring; quenching; miscellaneous cleaning (mop water); acid/alkaline cleaning; and air scrubbing. Howmet's continuous pretreatment system consists of pH adjustment, cyanide destruction, chromium reduction, clarification, and sludge dewatering using a filter press. A separate, dedicated oil/water separation system is used as pretreatment for their oily water and mop water waste.

In May 2021, OC San conducted a compliance inspection where OC San noted potential stormwater intrusion through the open-top outdoor tanks used in Howmet's pretreatment system. OC San issued a compliance requirement letter in June 2021, requiring Howmet to submit a proposal to mitigate stormwater and runoff from entering the sewer. In July 2021, Howmet proposed to install a canopy over their entire wastewater treatment system and submitted their final canopy design in November 2021, which OC San accepted. Howmet had since informed OC San that they were experiencing delays in obtaining building permits from the City of Fullerton. In May 2022, Howmet had submitted the required plans to the City of Fullerton and is currently waiting for a response from the city. In the interim, Howmet installed temporary canopies above their wastewater treatment system.

July 1 – December 31, 2022

On July 18, 2022, Howmet informed OC San that the canopy drawings are currently with the City of Fullerton's Fire Department. OC San will continue to follow up with Howmet and estimates a completion date in the next reporting period.

OC San will continue enforcement actions in the next reporting period and continue to monitor Howmet's discharge and compliance status on a quarterly basis.

International Paper Company (Anaheim) (Permit No. 1-521820)

International Paper Company (Anaheim) (International Paper) manufactures corrugated boxes for consumer goods. The facility discharges wastewater generated from flexographic printers and work area washdowns to a batch treatment system for pH adjustment, polymer addition, and phase separation via a filter press prior to final discharge to sample point and sewer. Wastewater generated from the corrugator and boiler blowdown discharges directly to the sample point.

July 1, 2022 – December 31, 2022

On September 27, 2022, OC San conducted an inspection at International Paper. During the inspection, OC San noted the facility was replacing the corrugator without prior written notification to OC San, which was in violation of International Paper's permit conditions and OC San's Ordinance. Separately, International Paper had failed to submit updated drawings and flow diagrams as required by Permit No. 1-521820, issued July 27, 2022. During the months of September through December, OC San requested a

summary of the modifications made to facility operations and wastewater management and reiterated the request for updated facility figures as required by Permit No. 1-521820, issued July 27, 2022.

OC San will continue enforcement in the next reporting period and continue to monitor International Paper's discharge and compliance status on a quarterly basis.

JD Processing, Inc. (East) (Permit No. 1-511407)

JD Processing, Inc. (East) (JD Processing) is a metal plating facility for the military, medical, and aerospace industries. The manufacturing processes includes alkaline cleaning, anodizing, passivation, and color dyeing to the customers specifications.

Wastewater is generated from various rinses from the plating process. Wastewater transfers to a pretreatment system via two sumps (one from the anodizing line, and another from the passivation line). Wastewater undergoes pH adjustment prior to discharge to a dedicated sampling box. JD Processing also utilizes a batch treatment system for concentrated rinses and process solutions. Wastewater from the batch system is treated through a separate tank, which is pumped through a filter press. The filter press filtrate is returned to the pretreatment system for additional treatment.

July 1 – December 31, 2022

On July 7, 2022, OC San issued an NOV for the April 2022 zinc monthly average discharge limit exceedance. JD Processing attributed the elevated zinc levels to increased production during April 2022, and JD Processing has since maintained compliance with both the daily and monthly average discharge limits for zinc.

OC San will continue to monitor JD Processing's discharge and compliance status on a quarterly basis.

Jellco Container, Inc. (Permit No. 1-021402)

Jellco Containers, Inc. (Jellco) manufactures corrugated containers. Raw cardboard stock is brought in, then laid flat so the sheets can pass through a flexographic printer system for application of customer signage and art designs using various colors of food grade ink, primarily black, blue, and red. The cardboard is then off loaded from the printers to slit and folding machines for final container assembly before being stacked on pallets for shipment to customers. Wastewater generated at Jellco consists of printer ink container washouts (when color changes occur) and equipment and floor wash down water. The wastewater is collected in pits near each printer, then pumped to Jellco's packaged pretreatment system. The pretreatment system consists of a pH adjustment/collection tank, where polymer flocculant is added by chemical feed pump along with caustic injection and mechanical mixing, then pumped through a vacuum assisted rotary drum filter, where the solids accumulate and are scraped off from the outside and into a bin for wastehauling off-site. The filtered wastewater is drained from the inside of the drum to a cleanout and sewer connection.

July 1 – December 31, 2022

On July 6, 2022, Jellco had instantaneous and daily average molybdenum violations for which an NOV was issued on July 21, 2022. On August 9, 2022, OC San conducted a compliance inspection and on October 3, 2022, OC San issued a compliance requirement letter that directed Jellco to submit a corrective action report. On October 14, 2022, Jellco submitted a corrective action report which attributed the molybdenum violations to four ink formulas that utilize molybdenum-bearing pigments. To ensure long-term compliance, Jellco proposed to install two ion exchange vessels specifically designed to remove molybdenum. On October 25, 2022, OC San requested additional information concerning the proposal. That same day, Jellco had instantaneous and daily average molybdenum violations, for which an NOV was issued on November 8, 2022. On November 1, 2022, Jellco responded to OC San's request for additional information, and on November 15, 2022, OC San accepted Jellco's proposal to install two ion exchange vessels. On December 19 2022, OC San conducted a compliance inspection to review the molybdenum violations that occurred October 25, 2022, and to review progress regarding the installation of the accepted proposal. At the time of inspection, Jellco reported the facility expects installation by January 2023. Separately, Jellco

reported the facility had updated employee training and updated internal software to better monitor molybdenum-bearing production orders.

OC San will continue enforcement during the next reporting period and continue to monitor Jellco's discharge and compliance status on a quarterly basis.

Koia Anaheim Facility, LLC (Permit No. 1-601767)

Koia Anaheim Facility, LLC (Koia) blends raw ingredients with water to make plant-based beverages. Wastewater generated from clean-in-place (CIP) and equipment rinses, steam sterilization, and boiler blowdown discharges to a multi-stage clarifier, a final discharge compartment, and then to sewer. The facility utilizes an automated pH adjustment system, which applies caustic or sulfuric acid to the clarifier's first stage.

July 1 – December 31, 2022

On December 7, 2022, Koia had a pH violation, for which an NOV was issued on December 29, 2022.

OC San will continue enforcement during the next reporting period and continue to monitor Koia's discharge and compliance status on a quarterly basis.

Kraft Heinz Company (Permit No. 1-071056)

Kraft Heinz company (Kraft Heinz) manufactures soups, sauces, and dressings for food servicing restaurants. Bulk materials (a variety of meat and chicken, vinegar, fructose, soybean oil, salad oil, fresh and canned vegetables, soy sauce, milk, butter, cream, cheese, sea food and spices) are shipped onsite and stored in silos or cold storage then transferred as needed to mixers and conveyors in the production areas. Ingredients are weighed and mixed according to each production run and recipe. After production, the finished goods are packaged in jars or plastic bags and then are stored or shipped offsite to end users. Wastewater is generated by the clean in place processing and sterilization of the mixing equipment and production areas. Wastewater is pH adjusted with caustic in a holding tank after the 2-stage clarifier prior to discharge to the sewer system.

July 1 – December 31, 2022

Kraft Heinz had a pH violation on July 6, 2022, for which an NOV was issued on July 14, 2022. A compliance inspection was conducted on July 27, 2022, to review the cause of the violation and collect a resample. OC San observed that the caustic dosing pump was not functional and the caustic holding tank was empty. The resample showed noncompliance with pH for which an NOV was issued on August 4, 2022. On August 29, 2022, a pre-permit inspection was conducted by OC San to further investigate the recent pH violations and to review the facility manufacturing operations for the permit renewal. OC San observed active earthwork operations in the wastewater pretreatment system area around the footprint of the existing clarifier and holding tank. During the inspection, Kraft Heinz indicated the intent of the excavation work was to determine the location and structural integrity of the existing below grade piping between the sodium hydroxide tank and clarifier. Kraft Heinz submitted a corrective action letter on September 16, 2022, stating that the pH violations were a result of an interruption of caustic chemical supply and a failed pH analyzer. Corrective actions proposed by Kraft Heinz included installation of new automation controls including a new PLC and replacement of their below grade clarifier due to poor structural integrity. On September 22, 2022, OC San issued a compliance requirement letter that directed Kraft Heinz to institute these corrective actions. Kraft Heinz is currently implementing the corrective actions, which are projected to be completed in early 2023.

OC San will continue enforcement during the next reporting period and continue to monitor Kraft Heinz's discharge and compliance status on a quarterly basis.

Lightning Diversion Systems (Permit No. 1-600338)

Lightning Diversion Systems (Lightning) designs and manufactures lightning protection devices that divert lightning strikes from aircraft nose Radomes and other sensitive areas. The protection system consists of segmented diverter strip which provides maximum multiple-strike protection with negligible effect on RF pattern characteristics. Lightning also manufactures low voltage / high energy surge suppressors for aircraft

and ground-based applications, and thin aluminum and copper conformal protection shields for conductive composite laminates.

Lightning uses a batch treatment system to treat its wastewater. Rinse and spent ammoniacal etchant are collected in a sump and then pumped to the batch tank BT-T1. The batch treatment procedure includes automatic pH adjustment, metal precipitation, coagulation, and flocculation. Filtrate is returned to the batch tank as required and then discharged from the filter to the sample point and sewer.

July 1 – December 31, 2022

In September 2022, Lightning had a monthly average copper violation for which an NOV will be issued in the next reporting period.

OC San will continue enforcement during the next reporting period and continue to monitor Lightning's discharge and compliance status on a quarterly basis.

Linco Industries, Inc. (Permit No. 1-021253)

Linco Industries, Inc. (Linco) is a small metal parts stripping and cleaning facility. Various parts, including automobile wheels and other accessories, are brought in by customers for stripping of paint and other organic coatings in cold and hot strip baths, followed by immersion or manual spray rinsing. Following stripping and cleaning, Linco uses sulfuric acid and muriatic acid for bright dipping.

The cold strip tanks contain ethanalamine-based chemistry, while the hot strip tank is a Kolene salt bath composed of sodium hydroxide and sodium nitrate chemistry and heated to approximately 550 degrees Fahrenheit.

Wastewater is generated from rinse water used in stripping operations. Linco employs a pretreatment system comprised of conventional hydroxide metals precipitation, clarification, and oil/water separation. Precipitated solids are removed and processed through one of two available filter presses. Filter cake is waste-hauled.

July 1 – December 31, 2022

On November 3, 2022, OC San issued a compliance requirement letter that directed Linco to submit a report by December 15, 2022, that summarized recent decisions to modify facility operations and established a plan for long-term compliance regarding waste management and cyanide treatment. On December 13, 2022, Linco requested and was granted an extension to submit the report by January 27, 2023.

OC San will continue enforcement during the next reporting period and continue to monitor Linco's discharge and compliance status on a quarterly basis.

LM Chrome Corporation (Permit No. 1-511361)

LM Chrome Corporation (LM Chrome) is an automotive wheel plating facility. Wastewater-generating operations include alkaline cleaning, zincate stripping, zincating, acid activation, copper plating, electrocleaning, anti-tarnish, nickel plating, chrome plating, and associated rinses. LM Chrome utilizes both batch and continuous pretreatment systems (PTS). The continuous PTS consists of cyanide destruction (stage 1 and 2), chromium reduction, neutralization, flocculation/settling, sludge holding, filter pressing, and final clarification. The batch treatment tank is used for manually treating spent cleaners.

July 1 – December 31, 2022

On July 7, OC San issued an NOV for the April 2022 cyanide monthly average discharge limit exceedance.

LM Chrome had no further compliance issues during this reporting period. OC San will continue to monitor LM Chrome's discharge and compliance status on a quarterly basis.

Logi Graphics, Inc. (Permit No. 1-031049)

Logi Graphics, Inc. (Logi) produces circuit boards to customer specifications and specializes in prototype and small volume orders. The manufacturing typically begins with cutting the copper clad materials, drilling, photoresist application, inner-layer circuit imaging, resist developing, sulfuric peroxide etching, alkaline resist stripping, brown oxide surface preparation, and lamination. The holes are de-smear with sulfuric acid and made conductive through electroless copper plating. Outer-layer circuit development is conducted by either panel plate or pattern plate processes. Panel plate proceeds with copper plating followed by photoresist application, circuit imaging, resist developing, tin/lead (resist) plating, sulfuric peroxide etching, and tin/lead stripping. Solder mask application and final surface finishing, such as hot air solder leveling and/or electrolytic nickel/gold plating, complete the wet processing.

During a routine inspection in March 2022, Logi reported that the majority of their processes are not in use, and Logi is only manufacturing a circuit board for one customer. The manufacturing process uses copper etching. Most of the copper from the spent etchant is plated out through a separate process and sent off site for recovery. OC San also noted that Logi had an elevated level of lead in the effluent discharge in January 2022. Logi stated that they don't have any lead process and were unaware of the source. Logi also indicated that they would begin closure procedures due to slow business and a lack of customers; in response, OC San requested a facility closure plan.

July 1 – December 31, 2022

On July 12, 2022, Logi had a nickel exceedance, for which an NOV was issued on July 26, 2022. On October 4, 2022, OC San issued an NOV for the nickel monthly limit violation in July. On August 23, 2022, OC San issued an NOV for the lead monthly exceedance from the previous reporting period. Although Logi previously expressed interest in closing the business, the facility is still operating regularly.

OC San will follow up on closure activities at Logi during the next reporting period and continue to monitor Logi's discharge and compliance status on a quarterly basis.

PCX Aerosystems – Santa Ana (Permit No. 1-601618)

PCX Aerosystems – Santa Ana (formerly permitted as Integral Aerospace, LLC) is a manufacturer of metal and composite aerospace components consisting of fuel tanks, landing gear, tail hooks, jack screws, and other related service parts for commercial and military aircraft. Integral Aero also performs rebuilding and servicing of parts that it manufactures. The parts are disassembled, cleaned, replacement parts installed, assembled, and tested. Raw materials used in the manufacture or processing of parts are aluminum and steel sheet and bar, magnesium, titanium, plastic liners, epoxy resins, fiberglass, adhesives, and cleaning solvents.

Several areas are employed for cleaning and inspection of parts which includes dye penetrant testing. The dye penetrant area is used to inspect for flaws in aluminum parts. Dye penetrant is applied by brush, inspected under ultraviolet light, then washed off with water. Two cleaning systems are employed in the operation. The first is an aqueous spray washer which is used to precision clean metal parts. Parts which have been completed or are in for overhaul which have light machine oils, greases, or magnaflux oil are cleaned in this unit. A steam cleaner is also employed for non-precision cleaning of metal parts and maintenance cleaning of metal machinery parts. Light machinery oils, grease, and dirt are removed. All four of these processes are discharged to a common sump, from which the contents are then pumped to a batch pH adjustment system, treated, and discharged.

Additional wastewater is generated during the application of a chromate conversion coating on aluminum parts. Rinsewater generated is collected, filtered through a five-micron cartridge filter, a granular activated carbon vessel, then a series of cationic and anionic ion exchange columns. The treated water is then recycled to a deionized water storage tank to be reused in the rinses again. The columns are backwashed and the regenerant undergoes further batch treatment to reduce chromium to a trivalent state, and finally evaporated. Solids from the evaporator and those settled out in the batch treatment tank are wastehailed.

July 1 – December 31, 2022

On July 7, 2022, OC San issued an NOV for the March 2022 zinc monthly average discharge limit exceedance. Since PCX collects and submits samples for laboratory analysis of all batches prior to discharge, PCX knew the March 2022 batch met the daily maximum discharge limits, however neglected to check for compliance on the monthly average discharge limits. PCX noted that going forward they would verify compliance with all discharge limits prior to releasing the wastewater to the sewer.

OC San will continue to monitor PCX's discharge and compliance status on a quarterly basis.

Pulmuone Foods USA, Inc. (East) (Permit No. 1-601443)

Pulmuone Foods USA Inc. (East) (Pulmuone) manufactures, processes, and packages tofu products from flaked soybean meal and softened water. The operations performed include mixing of soy bean meal into whey, filtration to separate soy milk, steam heating of soy milk, coagulation of soy milk and belt press drying, and for some products, cooking and/or flavoring of the tofu. Waste liquids from the processing of the soy material, cleaning and sterilization solutions from the process line equipment, and reject from their water softening units are sources of wastewater at this facility. Pulmuone employs a large, two-stage clarifier for the removal of solids and the separation of organic oils, in addition to pH adjustment. As of November 2022, Pulmuone expanded their wastewater treatment to include drum screening, two Moving Bed Biofilm Reactor (MBBR) units, a DAF unit, and a rotary screw press for dewatering. pH adjustment occurs prior to the MBBR and DAF process units.

July 1 – December 31, 2022

On August 24, 2022, Pulmuone had a pH violation, for which an NOV was issued on September 13, 2022. A corrective action report was submitted on September 15, 2022. Pulmuone attributed the violation due to a delay in the delivery of their caustic soda order; therefore, there was insufficient chemicals needed to conduct the pH adjustment. As part of its corrective action, Pulmuone has set up weekly deliveries for chemicals. In addition, Pulmuone completed the installation of their new wastewater treatment system and has routed all wastewater to the new treatment system. On November 11, 2022, OC San conducted a compliance inspection to review the operation of Pulmuone's new wastewater treatment system. The new wastewater treatment system consists of a drum screen, two Moving Bed Biofilm Reactor (MBBR) units in parallel, a DAF unit, and a rotary screw press for dewatering. pH adjustment occurs prior to the MBBR and DAF process units. The system is also set to shut down if the final pH drops below a low set point that is above the permit limit. The new system has capacity to store excess process wastewater in the event of a system upset, so production may still proceed as operators address any noncompliance issues.

OC San will continue to monitor Pulmuone's discharge and compliance status on a quarterly basis.

Q-Flex, Inc. (Permit No. 1-600337)

Q-Flex, Inc. (Q-Flex) is a manufacturer of single-sided, double-sided, multi-layer flex, flexible heaters, rigid flex, and sculptured flex printed circuit boards that are used in the aerospace, telecommunications, medical, government, and military applications. Q-Flex specializes in prototypes and exotic designs using a wide range of materials and support services. Q-Flex outsources the printed circuit board plating process. Wastewater is generated from micro-etching, film developing, and screen washing.

In March 2021, Q-Flex exceeded the copper monthly average discharge limit for copper for which an NOV was issued in August 2021.

July 1 – December 31, 2022

On November 7, 2022, Q-Flex had a copper violation, for which an NOV was issued on December 1, 2022. This violation caused an exceedance in the copper monthly average discharge limit for November 2022.

On December 19, 2022, OC San conducted a 30-day resample and compliance inspection. Q-Flex noted that they recently began using an electric sanding machine to buff out bare copper panels, resulting in copper particles, which were then mopped up and discharged to the batch tank. OC San alerted Q-Flex that without a pretreatment system capable of treating copper, floor waste should be wastehailed along

with the etching wastewater. Q-Flex noted the floors would be adequately vacuumed and swept prior to wet-cleaning, and that wet floor waste would be analyzed using a hand-held copper testing device and wastehailed upon any indication of copper contamination.

OC San will issue an NOV for the monthly average discharge limit exceedance in the next reporting period, and continue to monitor Q-Flex's discharge and compliance status on a quarterly basis.

RBC Transport Dynamics Corp. (Permit No. 1-011013)

RBC Transport Dynamics Corp. (RBC) is a large captive machine shop, which manufactures journal and spherical bearings, rod ends, and custom engineered assemblies for aerospace, automotive, and commercial applications. The effluent discharge at RBC is generated exclusively by the facilities vibratory deburring operation. Wastewater from the vibratory deburring operation flows through two, 200 gallon above ground clarifiers prior to discharge. RBC also installed one ion exchange/mixed media tank downstream of the vibratory deburring operation to remove any residual dissolved metals not settled by the above ground clarifiers. All rinse water from the facilities anodizing and plating processes and air scrubber bleed streams are routed to a large Enco evaporation unit. All spent chemicals are wastehailed off site. An ion exchange column is used to treat spray rinse water from the cadmium plate process for cyanide/cadmium removal, then discharged into the evaporator collection sump. Built up sludge from the evaporator is removed and stored in a sludge holding tank before being wastehailed offsite.

July 1 – December 31, 2022

In July 2022, RBC exceeded the monthly average discharge limit for zinc, for which an NOV was issued on October 4, 2022. It was determined that zinc plated parts were being processed in both the tumbling and deburring operations, which flows to the sample point. As a result, RBC eliminated the process of placing zinc plated parts in the tumbling and deburring machines.

RBC had no other compliance issues during this reporting period.

OC San will continue to monitor RBC's discharge and compliance status on a quarterly basis.

Semicoa (Permit No. 1-571313)

Semicoa is a medium size production and research and development facility that fabricates semiconductors for aerospace, commercial, medical, military, and telecommunication applications. Manufacturing process includes oxidation, diffusion furnace cleaning, photoresist, wafer etching, photoresist stripping, injection of various silicon dopants/electroconductive materials into the silicon dioxide substrate, vapor deposition, and glass etching. Wastewater is generated by the aqueous rinsing following the acid cleaning, acid etching, and solvent cleaning process steps, the disposal and pH neutralization of the various spent acidic solutions, reverse osmosis reject, and the cooling tower bleed. Wastewater treatment consists of a pH neutralization system with automated pH controls, setpoint alarms, and recirculation plumbing in the event of a setpoint exceedance.

In October 2021, OC San conducted a compliance inspection to review potential dilution processes and inadequacy of the existing sample point that was observed during previous inspections. During the inspection, OC San noted that a proper grab sample for Total Toxic Organics cannot be achieved as the clean out used as a sample point does not provide sufficient space to collect representative grab samples. In addition, OC San noted that the secondary containment that collects condensate from the Liquid Nitrogen area also collects and discharges stormwater into the sewer system, which is in violation of OC San's Ordinance. OC San issued a compliance requirement letter in October 2021, requiring Semicoa to provide a proposal to install a representative sample point and to provide a proposal to mitigate stormwater discharge. Semicoa submitted their proposal in November 2021 and a revised proposal in January 2022. Semicoa proposed to install a sample point immediately downstream of the neutralization system and route all dilution flows downstream of the sample point. Semicoa also proposed to construct a leach pit to discharge the nitrogen condensate and any stormwater collected in the secondary containment. In March 2022, OC San accepted Semicoa's proposal. In May 2022, OC San conducted a compliance inspection to verify the completion of the proposal implementation. OC San observed that the cooling tower blowdown is

still discharging to the sample point and requested Semicoa to reconfigure this line to discharge downstream of the sample point. All other aspects of the proposal were implemented as proposed.

July 1 – December 31, 2022

On July 7, 2022, Semicoa informed OC San that the reconfiguration has been completed. Semicoa had no other violations during this reporting period. As of December 31, 2022, this permit is no longer active as Semicoa now operates under a new Class 1 permit due to a change of ownership.

South Coast Baking, LLC (Permit No. 1-600565)

South Coast Baking, LLC (South Coast Baking) is a frozen cookie dough manufacturer. The manufacturing process uses ingredients such as flour, sugar, chocolate, butter, and flavors. The facility also uses fruits such as raisins and cranberries. The manufacturing of frozen cookie dough occurs via 3 production lines. The raw materials are combined to make a dough which then proceeds to another "cookie former" line where the shape of the dough is defined in a cookie shape. This cookie-shaped dough is sent to a freezer where the dough is frozen. The end-product is frozen cookie dough inside master cases. Wastewater is generated during cleaning/sanitation activities. During cleaning/sanitation, equipment is scraped to remove heavy soils and then cleaned using soap and water.

July 1 – December 31, 2022

On November 2, 2022, South Coast Baking had a pH violation, for which an NOV was issued on December 1, 2022. On December 16, 2022, South Coast Baking submitted their corrective action report attributing the root cause of the pH violation to a buildup of residual solids on the pH probes. As a corrective action, South Coast Baking instituted a protocol to clean the pH probes on a daily basis and install replacement probes on a semi-annual basis regardless of condition. On December 28, 2022, OC San conducted a compliance inspection and resampling to verify the effectiveness of corrective actions implemented onsite. Resample results showed compliant levels of pH.

OC San will continue to monitor South Coast Baking's discharge and compliance status on a quarterly basis.

South Coast Circuits, Inc. (Bldg 3500 Ste A) (Permit No. 1-601444)

South Coast Circuits, Inc. (SCCI) manufactures rigid double-sided and multilayer printed circuit boards to customers specifications from copper clad and pre-preg materials. SSCI performs their operations in four buildings all located within the same industrial complex. Discharges from all buildings are regulated by separate permits.

The manufacturing of a typical multilayer product begins at Building 3500, Suite A with the inner-layer circuit development including surface preparation, photoresist application, circuit imaging, and resist developing. The boards move on to Building 3506, Suite A for cupric chloride etching and resist stripping; lamination and drilling at Building 3524, Suite A; followed by permanganate desmear and electroless copper plating at Building 3512, Suite A. Outer-layer circuit development may continue at this point by either panel plate or pattern plate process steps. Panel plate proceeds with copper plating at Building 3512 Suite A, photoresist application, circuit imaging, and resist developing at Building 3524 Suite A, and cupric etching at Building 3506 Suite A. Pattern plate proceeds with photoresist application, circuit imaging, resist developing at Building 3500 Suite A, copper plating and tin resist plating at Building 3512 Suite A, and ammonium etching and tin stripping at Building 3506 Suite A. Final surface finishing, such as nickel/gold plating and hot air solder leveling, is conducted in Building 3506 Suite A and Building 3524 Suite A, respectively. The boards typically return to Building 3500 Suite A for legend screening before completion.

The effluent discharge at Building 3500, Suite A under this permit is generated by the photoresist and solder mask developing solutions and the rinses following the acid cleaning, aluminum oxide surface preparation, photo-film developing, photoresist developing, solder mask developing, and screen cleaning. Pretreatment consists of an automatic pH adjustment system.

July 1 – December 31, 2022

On September 1, 2022, OC San issued an NOV for the June 2022 silver monthly average discharge limit exceedance. SCCI could not determine the root cause of the slightly elevated silver concentration through review of production records. SCCI had no additional enforcement actions during this reporting period.

OC San will continue to monitor SCCI's discharge and compliance status on a quarterly basis.

Stainless Micro-Polish, Inc. (Permit No. 1-021672)

Stainless Micro-Polish, Inc. (SMP) performs metal finishing operations for medical and scientific instrumentations. Wastewater generating operations include caustic degreasing, acidic surface preparation, permanganate surface iron removal, deoxidation, micro-polishing, and ultrasonic cleaning. SMP operates a continuous pretreatment system that consist of hydroxide precipitation, pH adjustment, coagulation, flocculation, clarification, and solid dewatering.

SMP had a monthly nickel violation in June 2022.

July 1 – December 31, 2022

On September 1, 2022, OC San issued an NOV for the June 2022 monthly nickel limit exceedance. SMP submitted a root cause analysis and corrective action report on September 15, 2022. SMP conducted an investigation and was not able to identify a specific cause of the violation. SMP concluded that the violation was due to operator error related to the treatment system. SMP has a daily check list that ensures that the system is kept clean, and all instrumentation is calibrated. Recent sampling demonstrated compliance with discharge limits and a decrease in the nickel concentration levels. SMP had no other violations this reporting period.

OC San will continue to monitor SMP's discharge and compliance on a quarterly basis.

Star Manufacturing LLC, dba Commercial Metal Forming (Permit No. 1-600653)

Star Manufacturing LLC, dba Commercial Metal Forming (Star) is a metal forming shop that specializes in stamping and forming metal tank heads on mechanical and hydraulic presses for use in the manufacture of vessels. Star's ancillary operations include plasma cutting metal blanks, plasma and oxyacetylene trimming, metal heat treating, pressure washing finished tank heads, welding, steam cleaning, and part washing. Wastewater is generated from the steam cleaning and washing of production pieces, which are typically coated with lubricant. Wastewater is collected in an underground sump and then pumped to an equalization tank from which the wastewater is treated through zeolite columns and bag filters before discharge to the sewer.

Since 2019, Star has continued to have chronic O&G-min. violations while optimizing the zeolite column treatment system and installing a final holding tank. In 2020, Star continued to have O&G-min. violations. As a result of a dilapidated influent holding tank, Star failed to test each batch prior to discharge. Star installed a new influent holding tank and added a second zeolite column which demonstrated improved O&G-min. removal efficiency. Without prior notification to OC San, Star later replaced the two smaller zeolite columns with two larger 55 gallon vessels that contain zeolite to remove O&G-min. Star indicated that the new vessels would provide additional contact time, over and above what is required to achieve non-detect for oil & grease. Star also indicated that jar testing has indicated good results with increased contact time using zeolite. Star's permit was also revised to include weekly O&G-min. monitoring and required Star to test every treated batch of wastewater for O&G-min. prior to discharge.

July 1 – December 31, 2022

On October 13, 2022, Star had an O&G-min. violation, for which an NOV was issued on October 25, 2022. OC San required Star to attend a compliance meeting on December 14, 2022, to discuss the recent violations. Star is required to sample every batch prior to discharge due to inconsistent analytical results and the potential to exceed discharge limits. Both OC San and Star were concerned that OC San's sampling results were higher than Star's sample results for samples drawn from the same batch. The higher results resulted in discharge limit exceedances. During the discussion, differences in sampling for SMR samples

were noted, which included improperly preserved SMR samples, different size and number of containers used for testing, and lack of homogeneity of the batch.

OC San will continue enforcement actions during the next reporting period and continue to monitor Star's discharge and compliance status on a quarterly basis.

Statek Corporation (Main) (Permit No. 1-021664)

Statek Corporation (Main) (Statek) manufactures surface mount and through hole, ultra-miniature quartz crystals and oscillators. Statek's products are utilized in communications, medical electronics, industrial controls, and precision military application devices. The wafer fabrication long and short lines produce wastewater, which is treated using an ammonia pH adjustment system prior to discharge to the sewer.

In September and December of 2021, Statek had pH violations as a result of waste streams bypassing pH adjustment. After a compliance inspection in April 2022, a compliance meeting was held in June 2022 where Statek discussed re-routing all waste streams to the pH adjustment system and repairing and/or replacing timers that may have contributed to the pH noncompliance. OC San stated that Statek would need to evaluate the adequacy of the pH adjustment system with the additional flow.

July 1 – December 31, 2022

On December 8, 2022, OC San issued Statek a compliance requirements letter to submit pH data collected from process waste streams during Statek's investigation, to provide information on the mixing in the pH tank, and to provide information related to the use of a city water line to prime the pump located in the final stage of the pH adjustment system, including a justification for the use of this water and the flow rate of this water in gallons per day, by January 13, 2023.

OC San will continue enforcement during the next reporting period and continue to monitor Statek's discharge and compliance status on a quarterly basis.

Statek Corporation (Orange Grove) (Permit No. 1-521777)

Statek Corporation (Orange Grove) (Statek) designs and manufactures ultra-miniature quartz crystals and crystal oscillators using photochemical etching and laser frequency adjustment techniques. These products are produced in the smallest packages available using semiconductor technology. Statek products are utilized in communications, medical electronics, industrial controls, and precision military application devices. The manufacturing process includes the cutting of quartz bars to create quartz wafers, lapping and surface polishing, photolithography to pattern multiple resonators on each wafer, chemical etching, and vacuum deposition where electrode patterns of nickel, chrome or aluminum are deposited. Individual resonators are then diced from the wafer and mounted in a ceramic package and hermetically sealed. If the product is an oscillator, then the crystal would be packaged with an IC to create a finished oscillator. As the final step, each resonator is electrically tested to ensure that it is within customer specifications. Crystals are packed for shipment in tubes, trays, and in tape-and-reel configurations. The spent photochemicals are collected and shipped off-site for disposal. Wastewater from process rinses is collected and adjusted for pH prior to discharge through a clarifier and into the sewer. Gold and chrome etching wastes are wastehauled.

July 1 – December 31, 2022

On August 16 and 17, 2022, Statek had pH violations, for which an NOV was issued on August 30, 2022. A pre-permit renewal inspection was conducted on August 9, 2022. Following the inspection and violation, OC San issued Statek permit conditions to provide an operations and maintenance plan for its pretreatment system and updated facility drawings. The previously provided information was outdated and did not include sufficient detail on facility layout and operations. On October 29 2022, Statek provided the required information and is currently under review by OC San..

OC San will continue follow-up on Statek's submitted documentation and continue enforcement during the next monitoring period. OC San will continue to monitor Statek's discharge and compliance status on a quarterly basis.

Stepan Company (Permit No. 1-021674)

Stepan Company (Stepan) manufactures surfactants used in various consumer detergents, soaps, and other specialty blends. Stepan manufactures surfactants utilizing three processes: continuous falling film sulfonation, detergent blending by batch processing of alkanolamides, and detergent blending by batch processing of betaine. Pretreatment at the facility includes pH adjustment and batch oxidization of 1,4-dioxane.

In May 2021, OC San was informed during a routine inspection that Stepan discharges the “first flush” of stormwater into the sewer system, a practice that is prohibited by OC San’s Ordinance. In June 2021, OC San conducted a compliance inspection and verified that the “first flush” of stormwater captured in secondary containments and surface runoffs of outdoor processing areas were transferred to Stepan’s wastewater collection system and eventually discharged to the sewer. In July 2021, OC San issued a compliance requirement letter requiring Stepan to provide a proposal to mitigate its stormwater discharge. In August 2021, Stepan provided a proposal to install rain gauges, automatic three-way valves and pumps, as well as reconfiguring part of their discharging piping to divert stormwater to its stormwater system. In November 2021, Stepan also submitted a revised proposal to halt automatic conveyance of process and stormwater to the sewer; instead, Stepan would manually transfer the collected water to the stormwater system once the valves have been diverted. Stepan requested that OC San allow it to complete the piping changes by October 2022, so Stepan can conduct the work during a planned shutdown.

July 1 – December 31, 2022

On October 3, 2022, Stepan submitted a revised stormwater mitigation proposal. The revised proposal utilizes best management practices along with Stepan’s existing infrastructure to divert stormwater. The revised proposal eliminates the installation of the new diversion valves as Stepan now proposed to collect any comingled stormwater in the existing clarifier and to divert the flow from the clarifier to the rain tanks. Stepan will suspend automatic conveyance from plant sumps during the rain event and will only start pumping any stormwater collected when the rain gauge is activated, and the existing diversion valve is configured to discharge into the rain tanks. OC San is currently reviewing the revised proposal.

OC San will continue enforcement actions during the next reporting period and will continue to monitor Stepan’s discharge and compliance status on a quarterly basis.

Summit Interconnect, Inc. (Permit No. 1-600012)

Summit Interconnect, Inc (Summit) is a large, full-service printed circuit board manufacturer. Wastewater is generated from spent solutions and rinses from the processing of copper laminates into printed circuit boards. Wet processes include alkaline cleaning, acid cleaning, cupric chloride and ammonia etching, resist stripping, oxide treatment, electroless copper plating, copper/lead plating, solder mask, developing, tin stripping, screen cleaning, deburring, pumice scrub, and miscellaneous cleanup/mop water. Summit operates a continuous pretreatment system utilizing separate carbon vessels and ion exchange systems to treat unchelated copper wastestreams and chelated copper wastestreams. Treated unchelated wastestream is further treated by another ion exchange system to produce deionized water that is re-used for their production. Treated chelated copper rinses and unrecycled treated unchelated copper rinses are discharged to the final discharge tank, where pH adjustment occurs prior to discharge. Regeneration waste for the chelated and unchelated copper wastestreams is treated through electrowinning, while regeneration waste for the deionized water production is discharged to the final discharge tank for pH adjustment. Batch treatment is performed if the continuous system does not have the capacity. Batch treatment consists of pH adjustment, flocculation, and clarification followed by sludge dewatering with a filter press is also used. Decant from batch treatment is discharged to the final discharge tank.

In July and August 2021, Summit had copper mass violations. In September 2021, OC San conducted a compliance inspection to investigate the causes of these violations. Summit attributed the source of the mass violations to a portion of the flow from the unchelated copper waste stream that bypassed the ion exchange system and was directly discharging to the final discharge tank due to a partially plugged carbon vessel. Summit had another copper violation in October 2021. In January 2022, OC San issued an NOV for the October 2021 copper monthly limit exceedance. OC San issued a compliance requirement letter in

January 2022 requiring Summit to attend a compliance meeting. A compliance meeting was held in January 2022, where Summit attributed the copper violations to a plugged carbon vessel on the unchelated system, an undersized motor and pump, and solenoid valves being stuck open for several production processes. Summit has since replaced the carbon vessel, replaced the pump and motor, and replaced the solenoid valves. OC San issued a compliance requirement letter in March 2022 to require Summit to conduct multiday self-monitoring, provide updated pretreatment system drawings and an updated operation and maintenance (O&M) manual. Multi-day self-monitoring demonstrated continuous compliance, and Summit submitted the updated pretreatment system drawings in April 2022. However, Summit was not able to provide an updated O&M manual by the deadline. OC San extended the deadline for the O&M manual to June 2022. In June 2022, Summit provided a draft procedure of its treatment operations, but the submitted procedure did not satisfy the requirement for the O&M manual. OC San required Summit to submit a revised O&M manual by July 15, 2022.

July 1 – December 31, 2022

On July 14, 2022, Summit submitted its revised O&M manual. Summit had no violations during this reporting period.

OC San will continue to monitor Summit's discharge and compliance status on a quarterly basis.

Superior Connector Plating, Inc. (Permit No. 1-021090) formerly Superior Plating

Superior Connector Plating is a medium-sized plating shop serving both aerospace (95%) and commercial (5%) customers. Wastewater-generating operations include acid activation; alkaline cleaning; alkaline tin plating; black chromate; bright dip; bright nickel plating; bright silver plating; bright tin plating; cadmium plating; chem film; clear chromate; copper plate; copper strike; electroless nickel plating; fuse oil; gold plating; hot D.I. rinsing; liquid water displacement; matte silver plating; nickel plating; nickel strike; nitric dip; olive drab; passivation; permanganate (descale); rinsing (countercurrent, running, and static); silver strike; tin / lead plating; yellow chromate; and zincate. Superior Connector Plating operates a batch pretreatment system, which consists of pH adjustment, cyanide destruct, chromium reduction, chemical precipitation, clarification, coagulation, sludge dewatering, and final effluent filtration. The non-metal wastestreams undergo pH adjustment only.

In May 2022, Superior Connector Plating had a cadmium violation. Superior Connector Plating attributed the source of the violation to incomplete settling time of the batch treatment. Superior Connector Plating noted that the operator only allowed 30 minutes of settling instead of an hour. Superior Connector Plating has since retrained their operators to ensure proper settling prior to discharge.

July 1 – December 31, 2022

On July 6, 2022, OC San conducted a compliance inspection. During the inspection, OC San reviewed the waste treatment system and observed that the discharge pipe may be extended below the sludge layer, thus causing solids to carry over. Superior Connector Plating informed OC San that the discharge levels are manually controlled by valves, and claimed that this control philosophy is not likely the cause of the violation. On October 27, 2022, Superior Connector Plating had a cadmium violation, for which an NOV was issued on November 8, 2022. Superior Connector Plating attributed the violation to carry-over of solids from its lamella clarifier. Superior Connector Plating had collected internal samples and noticed that there were significant levels of cadmium coming from its lamella clarifier, which is downstream of its batch treatment tank, where it typically conducts internal sampling prior to discharge. On November 29, 2022, OC San conducted another compliance inspection. During the inspection, Superior Connector Plating indicated that it had cleaned out the lamella clarifier and its internal testing showed compliant levels from its lamella clarifier and batch treatment tank. OC San also observed that Superior Connector Plating conducted its pH adjustment at a fixed pH of 9. OC San recommended that Superior Connector Plating conduct jar testing prior to each batch to determine the optimal pH set point, because influent concentration varies depending on the workload. As part of its corrective actions, Superior Connector Plating will implement a maintenance plan for the lamella clarifier, will maintain a log of the cleanings, and will implement jar testing prior to treatment of each batch. Resample showed compliant levels of cadmium.

OC San will continue to monitor Superior Connector Plating's discharge and compliance status on a quarterly basis.

Superior Processing (2) (Permit No. 1-601701)

Superior Processing is a metal plating job shop specializing in electroless nickel/immersion gold, electrolytic nickel/gold, electrolytic and immersion silver, and immersion tin plating on customer supplied printed circuit boards. Wastewater is generated from these wet operations and the associated rinses and segregated into two wastestreams. The metal-bearing waste is routed to a continuous ion exchange system and the cyanide-bearing waste is routed to the batch cyanide destruct system.

July 1 – December 31, 2022

In December 2022, Superior Processing had a monthly discharge limit violation for cyanide for which an NOV will be issued in the next reporting period.

OC San will continue to monitor Superior Processing's discharge and compliance status on a quarterly basis.

Thermal-Vac Technology, Inc. (Permit No. 1-021282)

Thermal-Vac Technology, Inc. (Thermal-Vac) is a job shop that assembles products ranging from heat exchangers, flow fittings, and chassis, to wave guides and surgical devices. Thermal-Vac receives machined stainless steel, nickel, and aluminum parts and is contracted primarily for their heat treatment, brazing and assembly work. Stainless steel products undergo heat treatment, acetone or ultrasonic cleaning, and final assembly, oiling, and packaging. Aluminum products are cleaned, etched, surface deoxidized, descaled, bright dipped, followed by part pre-heating/water removal, and fluoride salt bath brazing. The nickel products process will vary based on the final product but the products may be cleaned, etched, stripped, bright dipped, and deoxidized. The parts are then assembled, oiled, and packaged to be delivered to the customer. Thermal-Vac had a copper-plating line previously, but the equipment has been removed.

The treatment system at Thermal-Vac consists of two ion exchange systems, a batch treatment system, and a final neutralization tank. The treated water in the DI Holding Tank is used to replenish the drag-out tanks. After hydroxide precipitation and settling, discharge from the batch treatment tank is processed through a filter press. The filtrate is combined with non-metal bearing waste streams in the pH neutralization tank and then discharged to the sewer. Concentrated process tanks are replenished and wastehauled when useful life has been exceeded.

July 1 – December 31, 2022

On August 2, 2022, Thermal-Vac had a nickel monthly average limit exceedance for which an NOV was issued on September 22, 2022. An inspection of the facility on September 16 and 17, 2022, indicated inconsistencies between operations and facility drawings and information previously provided by Thermal-Vac, particularly regarding the nickel operations. OC San issued a compliance requirement letter on December 13, 2022 for Thermal-Vac to attend a compliance meeting on January 25, 2023.

OC San will continue enforcement actions in the next reporting period and will continue to monitor Thermal-Vac's discharge and compliance status on a quarterly basis.

Thompson Energy Resources, LLC (Brea) (Permit No. 1-601469)

Thompson Energy Resources, LLC (Brea) (Thompson) produces crude oil from multiple well sites, separating ground water from the extracted oil with heat and chemical treatment. Resultant water is then discharged to the sewer system.

The produced water goes through heat treatment in the heat room followed by storage in the wash tank. The water from the wash tank is routed to the surge tank which is one of the first steps in the chemical treatment of the wastewater on-site. This is followed by storage in one of the two wastewater storage tanks. One of these storage tanks has been out of service for a few years and the new ownership is currently

working on putting it back in service to improve the final effluent's temperature and additionally help with the separation of oil & grease.

July 1 – December 31, 2022

On July 21, 2022, OC San issued an NOV for the loading daily average O&G-min. violation that occurred on April 14, 2022. On August 31, 2022, OC San conducted a compliance inspection to investigate the root cause of the O&G-min. violation. During the inspection, Thompson attributed the O&G-min. violation to a decreased retention time in the pretreatment system holding tank as well as an increase in wastewater production from a new well. As a corrective action, Thompson will install a second holding tank to enhance solids recovery and increase retention time prior to discharge. In addition, the new well will be configured offline to decrease oil and wastewater production. While the new well has been configured offline, installation of the second holding tank has been delayed due to permitting and availability of funding. The second holding tank installation is projected to be completed during the first quarter of 2023. OC San will continue to follow-up with Thompson on completing the installation of the second holding tank during the next reporting period.

OC San will continue to monitor Thompson's discharge and compliance status on a quarterly basis.

TTM Technologies North America, LLC. (Coronado) (Permit No. 1-521859)

TTM Technologies North America, LLC (TTM Technologies) is a large scale, full-service printed circuit board shop. Wastewater is generated from the processing of copper laminates into printed circuit boards. Wet processes include copper plating, electroless copper plating, nickel/gold plating, solder mask, alkaline cleaning, acid cleaning, scrubbing, developing, resist stripping, tin stripping, etching, screen cleaning, oxide coating, and miscellaneous cleanup/mop water. Rinse schemes practiced at the facility include significant use of static rinses in addition to running rinses. TTM Technologies operates a continuous pretreatment system to treat low concentration wastestreams, consisting of pH adjustment and multiple ion exchange resin beds, with a large portion of the effluent reused onsite. Batch treatment is performed on spent solutions and ion exchange backflush and consists of pH adjustment, flocculation, and clarification followed by sludge dewatering with a filter press. Concentrated wastestreams (etchant, spent plating solutions) are wastehailed offsite.

In November 2021, TTM Technologies had a copper violation. TTM Technologies attributed the violation to particulates discharged while decanting the batch treatment tanks when the operator was changing out the bag filters. The operator failed to allow the batch tank contents to settle to complete the batch treatment. Furthermore, the recirculation lines between the filter press filtrate and the batch tank were damaged. TTM Technologies has since retrained its operators, fixed the damaged lines, and improved inspection logs by requiring management sign off. OC San conducted a compliance inspection in December 2021 to review the implemented corrective actions. In June 2022, TTM Technologies had another copper violation. TTM Technologies attributed the violation to solids carryover, because the operator decanted right above the sludge level in the batch tank. TTM Technologies' corrective action was to redirect the decant to the filter press for recirculation and additional solids removal prior to final discharge. TTM Technologies is also planning on installing filters prior to the final discharge tank to catch additional solids.

July 1 – December 31, 2022

On July 7, 2022, TTM Technologies informed OC San that their internal sample showed a result of 5 mg/L for copper. They attributed this to the discharge of spent solution with low pH that stripped the scavenger system, thus preventing proper treatment prior to discharge, and that the discharge valves that were typically locked, were opened by the maintenance team. The operator also set the treatment system in manual mode, bypassing the system's automatic shutdown function to prevent the tank from overflowing. The NOV for the copper violation in June 2022 was issued on July 12, 2022. On July 20, 2022, OC San conducted a compliance inspection in which OC San reviewed the decanting procedure for batch treatment. TTM Technologies had installed bag filters downstream of the decant discharge to catch any remaining solids prior to discharging to the final tanks. TTM Technologies also informed OC San that it intends to install a holding tank prior to the scavenger feed tank to conduct pH adjustment, and this arrangement enables TTM Technologies to redirect any non-compliant wastewater to this tank to be retreated. OC San

also observed that TTM Technologies had installed locks on the valves used to discharge spent solutions. As of December 2022, TTM Technologies had completed the installation of a 3,000 gallon tank for additional equalization prior to its scavenger unit. TTM Technologies has also converted the hand-off-auto switches to a key operated switch to prevent unauthorized personnel from switching the system into manual mode and bypassing treatment. TTM Technologies had no other violations during this reporting period.

OC San will continue to monitor TTM Technologies' discharge and compliance status on a quarterly basis.

United Pharma, LLC (Permit No. 1-531418)

United Pharma is a custom manufacturer of nutritional soft-gel capsule and mixed formulation products. Wastewater is generated from equipment cleaning in a designated washroom, gelatin melting tanks vacuum lines, water used in the liquid ring pumps, dehumidifier in drying room, floor mop water, hand sinks and laundry room used to wash rags. Additional sources of wastewater include RO reject, boiler blowdowns and chiller blowdown. Pretreatment currently consists of a 3-stage clarifier with a sample point and a pH adjustment system. Wastewater is continuously recirculated from the sample point to the first stage, to help act as a mixer, to ensure compliant pH discharge, and to keep the pH probe in the pipe wet at all times. Once level in the sample point reaches a setpoint, a float is triggered and a pump will be activated to discharge the wastewater into the sewer.

In January 2022, OC San observed that the current sample point of the final stage of the clarifier does not allow for a representative pH grab sample. In March 2022, OC San issued an NOV, which also required United Pharma to provide a proposal for a representative sample point. United Pharma submitted a proposal to move the pH adjustment from the last stage of the clarifier to the third stage. However, the proposal does not address that the grab sample collected is still not representative since contents in the final stage of the clarifier continues to change until the float switch is activated. OC San requested that United Pharma submit a revised proposal. OC San was onsite in April 2022 to review United Pharma's proposal. During the site visit, it was discussed that grab samples were only collected when the float was activated. OC San is evaluating this proposal.

July 1 – December 31, 2022

On December 12, 2022, OC San issued a compliance requirement letter to inform United Pharma about recategorization of their facility to the Pharmaceutical Manufacturing category. The letter also required United Pharma to provide an evaluation of the flow rate of each dilution flow stream as well as the total effluent to the sample point to ensure proper categorical discharge limits can be applied. United Pharma is required to submit the evaluation by January 15, 2023. OC San will review United Pharma's proposal on collecting grab samples during float activation in conjunction with their flow evaluations and will provide a response in the next reporting period.

OC San will continue enforcement during the next reporting period and will continue to monitor United Pharma's discharge and compliance status on a quarterly basis.

Van Law Food Products, Inc. (Permit No. 1-600810)

Van Law Food Products, Inc. (Van Law) blends, packages, stores, and distributes various sauces, condiments, and beverage concentrates. Wastewater is generated by the steam cleaning of packaging equipment and washdown of loading and packaging areas, along with some boiler blowdown. Pretreatment consists of equalization, continuous automatic pH adjustment with caustic soda, polymer addition followed by solids removal by a dissolved air floatation system.

July 1 – December 31, 2022

On December 7 and 8, 2022, Van Law had pH violations for which an NOV was issued on December 29, 2022.

OC San will continue enforcement during the next reporting period and will continue to monitor Van Law's discharge and compliance status on a quarterly basis.

Vi-Cal Metals, Inc. (Permit No. 1-521846)

Vi-Cal Metals, Inc. (Vi-Cal) is a metals recycling facility. Metal parts and shavings are dropped off from trucks and various sized bins. Vi-Cal sorts some of the parts and crushes/shreds larger parts for compaction into shipping containers and delivery to foundries off site. Wastewater is generated from pressing waste oil and coolant from metal parts, which is collected for treatment before discharge to the sewer system. Vi-Cal's treatment system consists of a batch system including flocculation, coagulation, filtration, and pH adjustment.

July 1 – December 31, 2022

Vi-Cal was published as significantly noncompliant for reporting violations in *The Orange County Register* on October 21, 2022. On December 06, 2022, OC San issued a compliance requirement letter to request Vi-Cal to attend a compliance meeting to discuss their consecutive SNC status, missing reports, non-representative samples, and Vi-Cal's poor communication efforts. A compliance meeting will be held during the next reporting period.

OC San will continue enforcement during the next reporting period and will continue to monitor Vi-Cal's discharge and compliance status on a quarterly basis.

Waste Management Collections & Recycling, Inc. DBA Sunset Environmental (Permit No. 1-601581)

Waste Management Collections & Recycling, Inc. DBA Sunset Environmental (Waste Management) is a transfer station and material recovery facility for municipal solid and green wastes. Wastewater is generated from water misting/spraying of trash and green wastes and potential liquid contents from the trash itself. The leachate and trash "juice" conveys through a grated trench to an underground three-stage clarifier prior to discharge to the sewer. Pretreatment system consists of sulfide treatment to reduce excess sulfides in the effluent.

July 1 – December 31, 2022

On September 20, 2022, Waste Management had a sulfide violation for which an NOV was issued on October 25, 2022. On November 14, 2022, OC San conducted a compliance inspection to investigate the root cause of the sulfide violation and to collect a resample. During the compliance inspection, Waste Management attributed the sulfide violation to a build-up of excess solids in the clarifier or a malfunction of the clarifier odor control drip system which controls sulfide levels in wastewater. OC San communicated the importance of regular cleaning and maintenance to the clarifier to prevent excess accumulation of solids. On November 17, 2022, Waste Management submitted a corrective action report to OC San which restated the likely root cause to those noted above. Corrective actions identified by Waste Management in the report included increasing the frequency of clarifier cleaning from quarterly to monthly and implementing daily visual inspections of the odor control drip system. Resample results showed compliant levels of sulfide in discharged wastewater.

OC San will continue to monitor Waste Management's discharge and compliance status on a quarterly basis.

Weber Precision Graphics (Permit No. 1-011354)

Weber Precision Graphics (Weber) produces printed decals, labels, stickers, and faceplates. Base materials of plastic or metal are silk-screened with UV pigment-based inks. Manufacturing processes include computer-generated screen manufacturing, ink application, curing, screen cleaning, art work, and shop cleaning. Wastewater is generated from screen cleaning and press cleaning operations, floor waste, and art work.

July 1 – December 31, 2022

On December 28, 2022, Weber had a nickel violation.

OC San will issue an NOV, and conduct a 30-day resample and compliance inspection, during the next reporting period.

OC San will continue to monitor Weber's discharge and compliance status on a quarterly basis.

Winonics (Brea) (Permit No. 1-031035)

Winonics Brea (Winonics) is a printed circuit board manufacturer. Winonics manufactures multi-layer printed circuit boards using core materials of epoxy and polyimide laminate coated with copper foil of various thickness. Manufacturing processes include core material shearing, surface cleaning, photo resist application, brown oxide treatment, lamination with prepreg/resin sheets, electroless copper coating, tin pattern plate, etching, oxide scrubber, ENIG automated coating line, electroless nickel and gold or silver coating, and hot air solder leveling.

The pretreatment system at Winonics consists of batch treatment for spent process chemicals and drag outs, and continuous heavy metals precipitation for rinse waters and some dilute chemistries, using standard pH/ORP controls with chemical feeds for caustic, coagulants, and polymer / floc additions. Batch treatment effluent is directed to the continuous system for final treatment before discharge to the sewer, and solids from batch treatment transferred to the solids thickening tank. Spent resist stripper solution is processed through a separate batch treatment (pH adjust) then a dedicated filter press for solids dewatering before the filtrate is discharged to the sample point, along with developer and resist stripper rinses as these waste streams contain no heavy metals. Aqueous fume scrubber overflow is directed to the pretreatment system, while RO water treatment system reject is plumbed downstream of Winonics sample point.

July 1 – December 31, 2022

During a routine inspection on September 27, 2022, OC San noted multiple compliance deficiencies including the outdoor pretreatment system area was uncovered and exposed to stormwater, a stormwater collection sump and trench drain in an adjacent truck bay were plumbed to the pretreatment system, which actively discharges to the sewer, a wet process area tank and an associated spray rinse were leaking into a process area floor containment pit, and leaking rinsewater was observed from a pipe connected to the electroless copper plating line. On December 5, 2022, OC San issued a compliance requirement letter summarizing the findings of the inspection and the requirements to institute corrective actions to maintain long-term compliance.

OC San will continue enforcement during the next reporting period and continue to monitor Winonics' discharge and compliance status on a quarterly basis.

Winonics, Inc. (Permit No. 1-021735)

Winonics, Inc (Winonics) is a large, full service printed circuit board facility. Industrial wastewater is generated by the processing of copper-clad laminates into printed circuit boards. Wet processes performed at the facility include photoresist application, copper plating, electroless copper plating, nickel/gold plating, tin plating, soldermask, acid and alkaline cleaning, scrubbing, developing, resist stripping, tin stripping, permanganate etching, cupric chloride etching, ammonia etching, Circubond (black oxide) and miscellaneous cleanup and mop water. Winonics operates a continuous treatment system with pH adjustment, flocculation, clarification, and solids dewatering with a filter press. Winonics also operates a batch treatment system for acidic solutions and rinses. Resist stripper solutions, developer solution, and all final rinses discharge directly to the sample point without treatment. Winonics also discharges aqueous fume scrubbing and R.O. reject to the sample point.

In October 2021, Winonics had a violation of their copper instantaneous limit. OC San conducted a compliance inspection in December 2021 to investigate the cause of this violation. During the inspection, OC San collected an informational sample from the discharge from the lamella clarifier, which showed an elevated level of copper. As a corrective action, Winonics increased the dosage of the coagulant and metal precipitant to increase the effectiveness of treatment. Winonics also increased the air pressure at the air knives on their cupric etchant line to decrease the amount of drag out that discharges to the lamella clarifier.

In March 2022, Winonics had another violation of their copper instantaneous limit. In April 2022, Winonics attributed the violation to insufficient dosing of the polymer and coagulant. As a corrective action, Winonics installed an additional polymer dosing pump, changed the ORP setpoint for the metal precipitant, and increased the cleaning frequency of the lamella clarifier. OC San conducted a compliance inspection in

May 2022 to review the modifications and collected additional informational samples to determine the efficiency of the lamella clarifier. In May 2022, Winonics had another violation of the copper instantaneous limit.

July 1 – December 31, 2022

On August 22, 2022, OC San issued a compliance requirement letter, requiring Winonics to attend a compliance meeting which was held on September 21, 2022. During the meeting, the potential sources of the violations were attributed to overloading of the treatment system from the cupric etcher and inadequate settling of solids. Winonics implemented a more rigorous cleaning schedule for the clarifier, and consulted with their vendor to perform an audit on their existing treatment system to ensure that the system is working effectively. During the quarterly inspection on October 18-19, 2022, Winonics informed OC San that they had implemented a flow control valve and a flow gauge upstream of the clarifier to control the loading to the clarifier. OC San also conducted a visual inspection of the clarifier and did not observe any solids floating at the top of the clarifier. On November 28, 2022, OC San issued a compliance requirement letter that summarizes the items discussed in meeting and required Winonics to implement maintenance logs, provide a summary of the findings of the audit, develop updated pretreatment system drawings, and develop an operation and maintenance manual by December 31, 2022. On December 15, 2022, Winonics submitted revised drawings, logs, an operation and maintenance manual, and a summary of its audit. Per the findings of the audit, Winonics adjusted the chemical dosing for polymer, coagulant, and sodium metabisulfite in the treatment operation and had reduced the flow rate to the clarifier. Recent sampling showed compliance at the sample point and at the lamella clarifier.

OC San will continue to monitor Winonics' discharge and compliance status on a quarterly basis.

3.0 Santa Ana Watershed Project Authority (SAWPA)

SAWPA was formed in 1968 to develop a long-range plan for managing, preserving and protecting the quality of water supplies in the Santa Ana Basin. SAWPA is a Joint Powers Authority (JPA) consisting of five member agencies: Eastern Municipal Water District (EMWD), Inland Empire Utilities Agency (IEUA), Orange County Water District (OCWD), San Bernardino Valley Municipal Water District (Valley District), and Western Municipal Water District (Western Water). SAWPA's program in water quality management is integrated with those of other local, state, and federal agencies.

The Inland Empire Brine Line (Brine Line) is a pipeline designated to carry saline wastewater from the Upper Basin to OC San for disposal, after treatment, into the Pacific Ocean. This wastewater consists of a mixture of desalter brine and saline wastewater from Industrial Users (IUs), but also some temporary domestic discharges. The wastewater is treated by OC San to comply with environmental standards before discharge to the ocean outfall. The capacity of the Brine Line available to SAWPA is 30 million gallons per day (MGD). The average daily discharge was 12.43 MGD for this reporting period.

3.1 Brine Line System Pretreatment Program Overview

SAWPA has a wastewater discharge ordinance applicable to the Brine Line. It is essentially, with some appropriate modifications, substantially similar to OC San's Wastewater Discharge Regulations Ordinance. In addition, a Memorandum of Understanding is in place to delineate pretreatment permitting, monitoring, enforcement, and reporting responsibilities between SAWPA and OC San. SAWPA has entered into a Multijurisdictional Pretreatment Agreement (Agreement) with the City of Beaumont (Beaumont), EMWD, IEUA, Jurupa Community Services District (JCSD), San Bernardino Municipal Water Department (SBMWD), Valley District, Western Water, and Yucaipa Valley Water District (YVWD). This Agreement delineates the pretreatment responsibilities between SAWPA and the agencies to carry out and enforce a pretreatment program to control discharges from IUs located in their service areas.

SAWPA owns and operates the Brine Line above the Orange County line and has purchased 17 MGD of treatment and disposal capacity rights at OC San's treatment facilities. As of December 31, 2022, there are thirty-two (32) direct connections Permittees. Eighteen (18) indirect discharge Permittees located within the SAWPA service area discharge to the four (4) Brine Line Collection Stations (Collection Stations). The Collection Stations are located in, and operated by, the following agencies: EMWD, IEUA, SBMWD on behalf of Valley District, and the City of Corona on behalf of Western Water.

SAWPA has the permitting responsibilities for all Liquid Waste Haulers (LWH) that use the Collection Stations. As of December 31, 2022, there are eight (8) LWH permitted by SAWPA to use the Collection Stations. The SAWPA LWH permits assign a primary collection station and alternate collection station should the primary collection station become unavailable due to repairs or closure.

During the reporting period (July 1, 2022, through December 31, 2022), SAWPA continued implementation of numerous program documents and worked to improve the operation and implementation of the Pretreatment Program. The Agreement between SAWPA and the member/contract agencies defines the roles and responsibilities of SAWPA and the Agencies. SAWPA and the member and contract agencies use a procedures document for uniform and consistent implementation of the Pretreatment Program. OC San has completed the process of updating and revising their Sewer User Ordinance, Ordinance OCSD-53. As Delegated Control Authority to OC San, SAWPA is required to update their Ordinance to include relevant OC San revisions. SAWPA has developed draft Ordinance No. 9 which has been revised to incorporate the updates within the new OC San Ordinance. SAWPA submitted the draft Ordinance to OC San for their review and concurrence on June 11, 2020. After further discussion with OC San SAWPA has additionally drafted new Emergency and Emergency Discharge definitions for Ordinance No. 9 and shared those with OC San in the Joint Policy Committee Meeting on August 19, 2021. It is anticipated SAWPA will receive comments from OC San regarding the draft Ordinance in 2023.

Reporting below is individually presented for each SAWPA Pretreatment Program member/contract agency.

3.2 SAWPA Pretreatment Program

3.2.1 The City of Beaumont

Description of Beaumont

Beaumont is the owner and operator of the City of Beaumont Wastewater Treatment Plant and is responsible for the implementation of certain pretreatment program activities for the industries connected to the Brine Line within its service area. Beaumont has been required by the Santa Ana Regional Water Quality Control Board to proactively manage salinity in the two underlying groundwater basins, the Beaumont and San Timoteo Groundwater Management Zones. As a result, Beaumont has installed a reverse osmosis (RO) treatment of the tertiary treated wastewater treatment plant effluent. The RO concentrate is discharged to the Brine Line. The Beaumont Wastewater Treatment Plant discharges to Cooper's Creek, tributary to San Timoteo Creek, which is tributary to the Santa Ana River. By discharging the brine concentrate to the Brine Line, discharge of a minimum 685 tons of salt to the Santa Ana River is avoided, benefitting the downstream groundwater basins. Currently there are no permitted users within the Beaumont Service Area.

Although Beaumont currently has no permitted industries discharging to the Brine Line, they have participated in Brine Line activities, including training conducted by SAWPA personnel since early-2020. They conduct the industrial user survey upstream of the City of Beaumont Wastewater Treatment Plant that began to discharge to the Brine Line in July of 2020, in accordance with SAWPA policies and procedures.

3.2.2 Eastern Municipal Water District

Description of EMWD

EMWD is a Municipal Water District responsible for the implementation of certain pretreatment activities for the indirect and direct industries that discharge to EMWD's Non-Reclaimable Waste Line, which discharges to the Brine Line at Reach V. In the face of declining groundwater levels and continuing droughts, EMWD was formed in 1950 to secure additional water for a lightly populated area of western Riverside County. EMWD joined the Metropolitan Water District of Southern California a year later to augment its local supplies with recently available imported water. EMWD also provides sewer service throughout its area. The EMWD headquarters are located in Perris, California and serves the eastern portion of the watershed in Riverside County, as well as portions of the Santa Margarita Watershed, south of the Santa Ana River Watershed.

Enforcement Action

There was no enforcement action during this reporting period.

3.2.3 Inland Empire Utilities Agency

Description of IEUA

IEUA is a Municipal Water District responsible for the implementation of certain pretreatment program activities for the direct and indirect industries located within IEUA's service area which discharge to the Brine Line at Reach 4, 4A and 4D. IEUA, originally named the Chino Basin Municipal Water District, was formed in 1950 to supply supplemental water to the region. Since its formation, the Agency has expanded its areas of responsibility from a supplemental water supplier to a regional wastewater treatment agency with domestic and industrial disposal systems and energy recovery/production facilities. In addition, the Agency has become a recycled water purveyor, bio-solids/fertilizer treatment provider and continues as a leader in water supply salt management, for the purpose of protecting the region's vital groundwater supplies.

IEUA strives to enhance the quality of life in the Inland Empire by providing optimum water resources management for the area's customers while promoting conservation and environmental protection. IEUA covers 242-square miles, distributes imported water, provides industrial/municipal wastewater collection and treatment services, and other related utility services to more than 875,000 people. The Agency's service area includes the Cities of Chino, Chino Hills, Fontana, Montclair, Ontario and Upland, as well as the Cucamonga Valley Water District and the Monte Vista Water District.

Enforcement Action

Mission Linen Supply (Permit No. D1057-5)

A Notice of Violation and Order for Corrective Action (NOV/OCA) was issued on November 14, 2022, following a pollutant discharge violation. On October 14, 2022, the permittee collected a wastewater sample from Monitoring Point 001. The laboratory analysis results received on November 7, 2022, indicated a 1,4-dioxane value of 1.3 mg/L, which exceeded the daily maximum discharge limitation of 0.9 mg/L as stated in Permit No. D1057-5. Additionally, the permittee failed to notify IEUA or SAWPA of the violation as required. The NOV/OVA required permittee to submit a written response with results of its investigation as to the cause of these violations and a corrective action plan designed to bring the facility into consistent compliance on or before November 21, 2022. The permittee was also required to conduct a special sampling event for 1,4-Dioxane and report results on or before December 7, 2022. The permittee responded on November 14, 2022, stating its wash programs, formulas, discharge practices and chemistry remain consistent and there have not been any changes to its process or schedules. This response did not address failure to notify IEUA of the violation. The permittee then submitted an updated response on November 21, 2022, stating it overlooked and misread the lab report and had not properly identified the violation. The permittee stated it would review laboratory analysis results carefully and notify of any exceedance as required. The resample conducted on November 16, 2022, indicated a 1,4-Dioxane concentration of 0.0017 mg/L, in compliance with the Daily Maximum Discharge Limitation of 0.9 mg/L as stated in Permit No. D1057-5. Enforcement closed on December 14, 2022. IEUA shall continue to conduct unannounced inspections and wastewater monitoring at Mission Linen Supply to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

Niagara Bottling, LLC (Permit No. I1114-3)

A Notice of Violation and Order for Corrective Action (NOV/OCA) was issued on November 10, 2022, for a pollutant discharge violation. On October 4, 2022, the permittee collected a wastewater sample from Monitoring Point 001. The laboratory analysis results received on November 6, 2022, indicated a pH value of 5.94 S.U., which exceeded the Discharge Limitation of 6.0 S.U. as stated in Permit No. I1114-3. The NOV/OCA required the permittee to submit a written response with results of its investigation as to the cause of the violation and corrective action designed to bring the facility into consistent compliance on or before November 18, 2022. The permittee is also required to continue to conduct monthly pH monitoring and report the results by the 7th of each month following the monitoring period sampling was conducted. The permittee responded on November 21, 2022 and attributed the cause to an HMI panel that malfunctioned, and this allowed the transfer of brine wastewater without proper pH adjustment. The Permittee immediately ordered a new HMI panel and, in the interim, controlled the adjustment system manually. The HMI panel was replaced and reprogrammed. The reprogramming made the transfer of brine waste automated instead of relying on timers to transfer the brine wastewater. The resample collected on November 2, 2022 indicated a pH value 7.2 SU, in compliance with the discharge limitations of 6.0 – 12.0 SU as stated in Permit No. I1114-3. Enforcement closed on December 7, 2022. IEUA shall continue to conduct unannounced inspections and wastewater monitoring at Niagara Bottling, LLC to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

3.2.4 Jurupa Community Services District

Description of JCSD

JCSD is a public agency responsible for the implementation of certain pretreatment program activities for the direct industries connected to the Brine Line via JCSD's sewer collection system within its service area (Brine Line Reach IV-D). JCSD headquarters is located at 11201 Harrel Street in the City of Jurupa Valley. JCSD was formed in 1956 and provides water, sewer, park services, graffiti abatement, and street lighting. In 1988 the District formed the Community Facilities District (CFD) No. 1 to provide for water, sewer, flood control and street infrastructure within the industrial portion of the Mira Loma area. The boundaries of CFD No. 1 expanded from 1,900 acres to 3,000 acres in 1992. In June 1989, JCSD contracted with Western for capacity in Reach IV-D of the Brine Line.

Enforcement Action

There was no enforcement action during this reporting period.

3.2.5 San Bernardino Municipal Water Department

Description of SBMWD

SBMWD is a Municipal Water Department and is responsible for administering certain pretreatment program activities for indirect industries associated with the SBMWD Brine Line Collection Station. SBMWD provides potable water and sewerage services for the City of San Bernardino, in addition to sewerage service for the cities of Loma Linda and Highland, as well as some isolated county areas. These services are augmented by the operation of a brine waste collection station which provides an alternate disposal site for industries which generate high strength brine waste. The SBMWD, under contract with Valley District, is responsible for administering the pretreatment program associated with the SBMWD Brine Line Collection Station.

Enforcement Action

Niagara Bottling, Inc. (Permit No. I1111-3)

A Notice of Violation and Order for Corrective Action (NOV/OCA) was issued on November 23, 2022, for a pollutant discharge violation. On October 4, 2022, the permittee collected a wastewater sample from Monitoring Point 001 which indicated a pH value of 5.94 S.U., which exceeded the Discharge Limitation of 6.0 S.U. as stated in Permit No. I1111-3. The NOV/OCA required the permittee to submit a written report detailing the cause and the corrective actions taken to prevent recurrence of the violation by no later than November 30, 2022. The permittee responded on November 30, 2022 and attributed the cause of the violation to a malfunction of the timer control panel for the pH control valves and associated pump operations. The permittee replaced the control panel and modified programming to automate the transfer of wastewater to the secondary storage tank to maintain a constant level of pH adjusted wastewater without relying on system timers. The inspection conducted on December 2, 2022, indicated the pH system appeared to be in compliance and operating as required. Enforcement closed on December 7, 2022. SBMWD shall continue to conduct unannounced inspections and wastewater monitoring at Niagara Bottling, LLC to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

3.2.6 San Bernardino Valley Municipal Water District

Description of Valley District

Valley District is a Municipal Water District responsible for the implementation of certain pretreatment program activities for the direct industries connected to the Brine Line within its service area (Brine Line Reach IV-E). Valley District headquarters is located in the City of San Bernardino and serves most of the northern and eastern reaches of the watershed in San Bernardino County with a small portion of its service area in Riverside County. Valley District was formed in 1954 to plan long-range water supply for the San Bernardino Valley. It is the only State Water Contractor within SAWPA and imports water into its service area through participation in the California State Water Project while also managing groundwater storage within its boundaries. It was incorporated under the Municipal Water District Act of 1911 (California Water Code Section 7100 et seq., as amended). Its enabling act includes a broad range of powers to provide water, as well as wastewater, stormwater disposal, recreation, and fire protection services.

Enforcement Action

Rialto Bioenergy Facility, LLC (Permit No. D1130-1)

A Notice of Violation and Order for Corrective Action (NOV/OCA) was issued on July 15, 2022, for pollutant discharge violations. On May 26, 2022, and May 27, 2022, the permittee's contracted laboratory collected wastewater samples from Monitoring Point 001. The Laboratory analysis received July 15, 2022, indicated a pH of 5.3 S.U. for the May 26 sample and a pH of 5.7 S.U. for the May 27 sample, which exceed the limit of 6.0 S.U. stated in Permit No. 1130-1. The NOV/OCA required the permittee to submit a corrective action plan that identifies all steps taken or planned to correct the above listed pH violations no later than July 25,

2022. The permittee responded on July 25, 2022 and identified upgrading system optimization, installation of new membranes in the treatment process, and installation of a new screw press as corrective actions to improve plant control of wastewater prior to discharge. Follow-up pH monitoring indicated compliance. Enforcement was closed on August 22, 2022. Valley District shall continue to conduct unannounced inspections and wastewater monitoring at Rialto Bioenergy Facility, LLC to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

Rialto Bioenergy Facility, LLC (Permit No. D1130-1.1)

A Notice of Violation and Order for Corrective Action (NOV/OCA) was issued on July 22, 2022, for continued non-compliance with the interim Permit Limitation for BOD listed in Permit No. 1130-1 of 25 mg/L. The permittee collects daily samples for BOD in accordance with Permit No. 1130-1. The permittee exceeded the interim limitation for BOD for samples collected from Monitoring Point 001 on June 4, 5, 12, 16, 18, 19, 22, 24, 25, and 30, 2022. However, a permit amendment issued on July 14, 2022 (D1130-1.1), prior to determination of the above violations, which increased the interim BOD limit to 100 mg/L daily limit and 35 mg/L monthly average so no further action is required at this time. As none of the June exceedances were above the July 14, 2022, permit amendment limits and the monthly average did not exceed 35 mg/L the enforcement was closed on July 22, 2022. Valley District shall continue to conduct unannounced inspections and wastewater monitoring at Rialto Bioenergy Facility, LLC to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

Rialto Bioenergy Facility, LLC (Permit No. D1130-1.1)

A Notice of Violation and Order for Corrective Action (NOV/OCA) was issued on August 23, 2022, and discussed with the permittee, for pollutant discharge violations. The permittee collects daily samples for BOD in accordance with Permit No. 1130-1. The permittee exceeded the interim limitation for BOD for samples collected from Monitoring Point 001 on July 1, and 2, 2022. However, a permit amendment issued on July 14, 2022 (D1130-1.1), prior to determination of the above violations, which increased the interim BOD limit to 100 mg/L daily limit and 35 mg/L monthly average so no further action is required at this time. As none of the June exceedances were above the July 14, 2022, permit amendment limits and the monthly average did not exceed 35 mg/L the enforcement was closed on July 22, 2022. Valley District shall continue to conduct unannounced inspections and wastewater monitoring at Rialto Bioenergy Facility, LLC to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

Rialto Bioenergy Facility, LLC (Permit No. D1130-1.1)

A Notice of Violation and Order for Corrective Action (NOV/OCA) was issued on August 23, 2022, for a pollutant discharge violation. The permittee collected a sample from Monitoring Point 001 on August 13, 2022, and September 22, 2022. The laboratory analysis indicated a pH of 5.9 S.U. for the August 13 sample and a pH of 5.8 S.U. for the September 22 sample, which exceeded the limit of 6.0 S.U. stated in Permit No. 1130-1. The pH is monitored continuously, and the facility has remained in consistent compliance with pH since the September 22, 2022, violation. Additionally, the permittee had since implemented the corrective actions identified following the July 15, 2022, NOV/OCA. Enforcement was closed on October 1, 2022. Valley District shall continue to conduct unannounced inspections and wastewater monitoring at Rialto Bioenergy Facility, LLC to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

3.2.7 Santa Ana Watershed Project Authority (SAWPA)

Description of SAWPA

SAWPA is a JPA, classified as a Special District under State of California law, responsible for the implementation of the pretreatment program for the industries connected to the Brine Line. SAWPA consists of five Member Agencies: EMWD, IEUA, OCWD, Valley District, and Western Water. SAWPA, through the MOU with OC San, has the ultimate responsibility to ensure adequate implementation of Pretreatment Program responsibilities in the Upper Basin portion of the Brine Line. SAWPA issues permits to direct and indirect dischargers jointly with member and contract agencies and solely issues permits to all member and contract agency owned or affiliated direct and indirect dischargers.

Enforcement Action

There was no enforcement action during this reporting period.

3.2.8 SAWPA Liquid Waste Hauler (LWH) Program

SAWPA solely permits the waste haulers allowing for the waste haulers to have only one permit to provide service to the four member agencies' collection stations. This also facilitates utilization of the generator's regular waste hauler if an alternate collection station must be used.

Enforcement Action

There was no enforcement action during this reporting period.

3.2.9 Western Municipal Water District

Description of Western Water

Western Water is a Municipal Water District responsible for the implementation of certain pretreatment program activities for the direct and indirect industries connected to the Brine Line within its service area. Western Water was formed in 1954 under the Municipal Water District Act of 1911 for the purpose of bringing supplemental water from the Metropolitan Water District of Southern California to a growing western Riverside County. Western Water's service area covers 527 square miles, serving a population of approximately 900,000 people. The District serves 10 wholesale customers with imported water via the Colorado River and the State Water Project. Western also supplies imported water and groundwater directly to approximately 25,000 residential, commercial and agricultural customers in the areas of El Sobrante, Eagle Valley, Temescal Creek, Woodcrest, Orangecrest, Mission Grove, Lake Mathews, March Air Reserve Base, Rainbow Canyon and portions of the cities of Riverside and Murrieta. The Murrieta division provides water and wastewater services in a 6.5-square mile portion of Murrieta and relies on both groundwater and imported sources. Western headquarters is located in Riverside, California and serves the western Riverside County portion of the watershed, as well as portions of the Santa Margarita Watershed, south of the Santa Ana River Watershed.

Enforcement Action

Frutarom USA, Inc. (Permit No. D1029-3)

A Notice of Violation and Order for Corrective Action (NOV) was issued on July 26, 2022, for deficient submittal of a required Self-Monitoring Report (SMR). On July 7, 2022, the permittee submitted its semi-annual SMR. Review of this submittal found the SMR to be incomplete and otherwise deficient. The permittee was given a due date of July 18, 2022, for the revised, corrected SMR. On July 19, 2022, the semi-annual SMR was received past due and still otherwise deficient. The NOV/OCA required the permittee to submit a written report detailing the cause and corrective actions taken to prevent recurrence of the violation by no later than August 8, 2022. In addition, the NOV/OCA required the permittee to attend mandatory data submittal refresher training, conducted by Western Water, for designated permittee staff no later than August 12, 2022. The corrective action response letter submitted by the permittee was received on August 3, 2022, and identified administrative changes made to ensure SMR submittals are complete and accurate. The required data submittal refresher training was completed on August 9, 2022. Enforcement was closed on August 9, 2022. Western Water shall continue to conduct unannounced inspections and wastewater monitoring at Frutarom USA, Inc. to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

3.2.10 Yucaipa Valley Water District

Description of YVWD

YVWD is a Water District responsible for the implementation of certain pretreatment program activities for the industries connected to the Brine Line within its service area. YVWD was formed on September 14, 1971, when the Secretary of State of the State of California certified and declared formation of the District. The District operates under the County Water District Law, being Division 12 of the State of California Water

Code. Although the immediate function of the District at the time was to provide water service, the YVWD currently provides a variety of services to residential, commercial and industrial customers. The YVWD provides sewer collection and sewer treatment services. Sewer treatment takes place at the highly advanced Wochholz Regional Water Recycling Facility that provides advanced treatment, including the capability to demineralize the recycled water. In 2012, the YVWD completed an extension of the Inland Empire Brine Line operated by SAWPA. The brine disposal facility is critical to ensure the YVWD meets the water quality objectives set by the Regional Water Quality Control Board for the Yucaipa Management Zone, Beaumont Management Zone and the San Timoteo Management Zone.

Although YVWD currently has no permitted industries discharging to the Brine Line they have participated in Brine Line activities, including training conducted by SAWPA personnel, since 2013. They conduct the industrial user survey upstream of the Henry Wochholz Regional Water Recycling Facility that began discharge to the Brine Line in July of 2016, in accordance with SAWPA policies and procedures. The Henry Wochholz Regional Water Recycling Facility service area includes three industrial permittees.

Enforcement Action

There was no enforcement action during this reporting period.

3.3 Permittees in Significant Noncompliance (SNC)

At the end of each quarter, US EPA requires the evaluation of each IU's compliance status using a six-month period. Each IU is evaluated for SNC four times during the year, and the total evaluation period covers 15 months (beginning with the last quarter of the previous pretreatment year through the end of the current year).

As of December 31, 2022, of the active fifty-six (56) permittees, there was one (1) permittee classified as SNC. An industry was determined to be in SNC if it incurred a violation that met one or more of the criteria listed below as provided in 40 CFR, Part 403.

- Chronic violations of wastewater discharge limits are defined as those in which 66% or more of all measurements for the same pollutant taken during a consecutive six-month period exceed (by any magnitude) a numeric pretreatment standard or requirement including instantaneous limits as defined by 40 CFR 403.3(l).
- Technical review criteria (TRC) violations are defined as those in which 33% or more of all measurements taken for the same pollutant during a consecutive six-month period equal or exceeds the product of the numeric pretreatment standard or requirement including instantaneous limits, as defined by 40 CFR 403.3(l) multiplied by the applicable TRC (TRC=1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH).
- Any other violation of a pretreatment standard or requirement (daily maximum or long term average, instantaneous limit or narrative standard) that has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of POTW or SAWPA personnel or the general public).
- Any discharge of a pollutant that has caused imminent endangerment to human health, welfare, or the environment; or has resulted in POTW's or SAWPA's exercise of emergency authority to halt or prevent such a discharger.
- Failure to meet within 90 days after the scheduled date, a compliance schedule milestone contained in a local control mechanism or enforcement order, for starting construction, completing construction, or for attaining final compliance.
- Failure to provide, within 45 days of the due date, any required reports such as a baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports with compliance schedules.
- Failure to pay, within 30 days, all applicable user application, permit and enforcement penalty fees.

- Failure to accurately report noncompliance.
- Any other violation or group of violations, which may include a violation of Best Management Practices, which the POTW or SAWPA believes will adversely affect the operation or implementation of SAWPA's pretreatment program, or the Brine Line or tributaries thereto.

A summary of permittees in SNC is presented in Table 3.1.

Table 3.1 Summary of SAWPA and Member/Contract Agency Permittees in Significant Noncompliance (SNC), July 1 – December 31, 2022
Santa Ana Watershed Project Authority

<i>EMWD, IEUA, JCSD, SBMWD, Valley District, SAWPA, and Western Permittees</i>		
Company Name	Permit No.	Reporting or Discharge Violation
C.C. Graber Company	I1005-4	Reporting violation

3.4 Future Projects that will Affect Quantity of Discharge to the Brine Line System

California Institution for Women (CIW) which had been formerly identified as primarily domestic (reclaimable) wastewater had been previously reported to be diverted to the Pine Avenue Sewer, away from the Brine Line, when the diversion project is completed. However, review of the monitoring data from the facility's discharge to the Brine Line indicates an average TDS of greater than 550 mg/L, which would not be suitable for discharge to local POTWs. As such, it is planned for CIW to continue to discharge to the Brine Line for the foreseeable future.

Rohr, Inc. (Rohr) a part of Collins Aerospace, operates the Groundwater Pump & Treat (P&T) system under the oversight of the Santa Ana Regional Water Quality Control Board (SARWQCB). Activities include groundwater pump and treat and discharge of treated groundwater to the City of Riverside publicly owned treatment works (POTW) via an industrial user permit. The objective of the groundwater P&T system is to hydraulically control and minimize the potential of the Site groundwater plumes from entering surface water or migrating off-site. In 2019 the City of Riverside lowered the local limit for TDS from 2,500 mg/L to 1,210 mg/L. To meet the new local limit, Rohr is proposing to divert approximately 50% of fully treated water from the system's effluent trunk line and process through reverse osmosis (R.O.) units. R.O. concentrate brine waste is the only source of wastewater that will be hauled to the Brine Line Collection Station at a volume of approximately 5,000 gallons per week. The facility is expected to begin discharge to the Brine Line in the third quarter of Fiscal Year 2022/2023.

3.5 SAWPA Special Projects

SAWPA Conducted the following Special Project efforts during the reporting period:

1. Air/Vac Structure Maintenance – 53 structures cleaned, inspected, and overhauled on Reach V.
2. Air/Vac Structure Maintenance – 32 locations were cleaned and weeded on Reach V.
3. Air/Vac Structure Maintenance - 10 cans were cleaned and painted on Reach V.
4. Air/Vac Structure Maintenance – 1 isolation valve can was replaced on Reach V.
5. Air/Vac Structure Maintenance - 5 structures cleaned, inspected, and overhauled on Reach IV-B Lower.
6. Air/Vac Structure Maintenance – 1 structure cleaned, inspected, and overhauled on Reach IV-E.
7. 506 USA tickets marked.

Special projects summarized in Table 3.2.

Table 3.2 Summary of SAWPA Special Projects, July 1 – December 31, 2022
 Santa Ana Watershed Project Authority
 Orange County Sanitation District

Activity	Reach IV	Reach IV-A Lower	Reach IV-A Upper	Reach IV-B Lower	Reach IV-B Upper	Reach IV-D	Reach IV-E	Reach V	Corona Lateral
ROW Maintenance	2.69 Miles	2.19 Miles	1,656 Feet	2.1 Miles					1,404 Feet
Line Inspection									
Line Cleaning			600 Feet						
MAS Inspection	5	18	12	21	5	10	3	28	6
MAS R&R			6			5			
Pot Holing								6	
Frame and Cover R&R		6	4			5			

3.6 Brine Wastewater Effluent Characteristics at OC San’s SARI Metering Station (SMS)

A flow meter installed at SMS located at the Orange County line measures SAWPA's discharge. For the total billing days during the six-month period from July 1, 2022, through December 31, 2022, a total of 2,274.24 MG was discharged into the Brine Line. The SAWPA effluent represents a mixture of domestic and industrial wastewater, industrial brine, and brine from brackish groundwater treated by the desalters. The SMS is sampled by SAWPA weekly for BOD, TSS, hardness, and other constituents/pollutants.

Table 3.3 and Table 3.4 show the mass of pollutants as they were measured at SMS. The data is based on average daily flow. The quarterly average numbers for mg/L and lb/d are flow-weighted values.

Table 3.3. SAWPA Daily Average Concentration (mg/L) and Mass (lb/d) Measured from Weekly Sampling at OC San's SARI Metering Station, July – September 2022
 Santa Ana Watershed Project Authority
 Orange County Sanitation District

Average Daily Flow in MGD		July 2022		August 2022		September 2022		Quarterly Average	
		11.6973		13.1678		13.0849		12.6500	
Pollutant	mg/L	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L	lb/d	
Arsenic	0.0055	0.5366	ND	****	0.0026	0.2837	0.0027	0.2849	
Cadmium	ND	****	ND	****	ND	****	ND	****	
Chromium	ND	****	ND	****	ND	****	ND	****	
Copper	ND	****	ND	****	0.0205	2.2371	0.0068	0.7209	
Lead	ND	****	ND	****	ND	****	ND	****	
Mercury	0.0001	0.059	ND	****	ND	****	ND	0.0032	
Nickel	0.0230	2.2438	ND	****	0.0170	1.8552	0.0133	1.4067	
Silver	ND	****	ND	****	ND	****	ND	****	
Zinc	0.0115	1.1219	ND	****	0.0115	1.2550	0.0077	0.8088	
Total Metals	0.0401	3.9081	0.0000	0.0000	0.0516	5.6310	0.0306	3.2245	
BOD	11.7692	1,148.1557	12.8188	2,057.8119	13.3077	1,452.2374	12.6452	1,334.0841	
TSS	47.0769	4,592.6230	43.7500	6,310.1170	30.0769	3,282.2243	40.5476	4,277.8106	

ND = Not detected

**** = lb/d not calculated due to concentration less than detection limits (typical).

Table 3.4. SAWPA Daily Average Concentration (mg/L) and Mass (lb/d) Measured from Weekly Sampling at OC San's SARI Metering Station, October – December 2022
 Santa Ana Watershed Project Authority
 Orange County Sanitation District

Average Daily Flow in MGD		October 2022		November 2022		December 2022		Quarterly Average	
		12.9178		11.7845		12.4990		12.4004	
Pollutant	mg/L	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L	lb/d	
Arsenic	ND	****	ND	****	ND	****	ND	****	
Cadmium	ND	****	ND	****	ND	****	ND	****	
Chromium	ND	****	ND	****	0.0145	1.5115	0.0048	0.4999	
Copper	ND	****	ND	****	0.0205	2.1369	0.0068	0.7067	
Lead	ND	****	ND	****	ND	****	ND	****	
Mercury	ND	****	ND	****	ND	****	ND	****	
Nickel	0.0230	2.4779	ND	****	ND	****	0.0077	0.7929	
Silver	ND	****	ND	****	ND	****	ND	****	
Zinc	ND	****	ND	****	0.1540	16.0532	0.0513	5.3089	
Total Metals	0.0230	2.4779	0.0000	0.000	0.1890	19.7016	0.0707	7.3083	
BOD	20.7143	2,231.6428	23.0000	2,260.5015	38.6154	4,025.3157	28.1944	2,915.8544	
TSS	68.7143	7,402.8977	81.3125	7,991.6100	156.3077	16,293.7081	105.9444	10,956.7178	

ND = Not detected

**** = lb/d not calculated due to concentration less than detection limits (typical).

Appendix 1. Monitoring and Compliance Status Report

1st and 2nd Quarters
FY 2022/2023

APPENDIX 1
LIST OF SIGNIFICANT INDUSTRIAL USERS WITH MONITORING COMPLIANCE STATUS, JULY – DECEMBER 2022
ORANGE COUNTY SANITATION DISTRICT

Facility	Permit No.	Address	NAICS Code	Regulation	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
3M ESPE Dental Products	Z-371301	2111 Mcgaw Ave, Irvine, CA 92614	339114	433.17(a), 467.16, 471.65(n), 471.65(q)	0	0	0			
A & G Electropolish	1-531422	18330 Ward St, Fountain Valley, CA 92708	332813	433.17(a)	2	10	4			
A & K Deburring and Tumbling, Inc.	1-511362	2008 S. Yale St, H Unit, Santa Ana, CA 92704	332812	403.5(d)	2	6	2			
A & R Powder Coating, Inc.	1-021088	1198 N. Grove St, B Unit, Anaheim, CA 92806	332812	433.17(a)	2	10	1			
Access Business Group, LLC	1-531435	5600 Beach Blvd, Buena Park, CA 90621	325412	439.47	1	31	5			
Accurate Circuit Engineering	1-011138	3019 S. Kilson Dr, Santa Ana, CA 92707	334412	433.17(a)	2	15	4			
Active Plating, Inc.	1-011115	1411 E. Pomona St, Santa Ana, CA 92705	332813	433.17(a)	2	15	26			
ADS Gold, Inc.	Z-321851	3843 E. Eagle Dr, Anaheim, CA 92807	331410	433.17(a)	0	0	0			
Advance-Tech Plating, Inc.	1-021389	1061 N. Grove St, Anaheim, CA 92806	332813	433.17(a)	3	8	18			
Advanced Thermal Sciences Corporation	Z-600654	3355 E. La Palma Ave, Anaheim, CA 92806	336413	433.17(a)	0	0	0			Formerly listed as B/E Aerospace
Air Industries Company, A PCC Company (Chapman)	1-031013	7100 Chapman Ave, Garden Grove, CA 92841	332722	403.5(d)	2	7	4			
Air Industries Company, A PCC Company (Knott)	1-531404	12570 Knott St, Garden Grove, CA 92841	332722	433.17(a), 471.65(e), 471.65(m), 471.65(n), 471.65(r), 471.65(s), 471.65(u), 471.65(w)	2	21	27			
Alexander Oil Company	1-581185	19065 Stewart St, Huntington Beach, CA 92648	211111	403.5(d)	2	0	0			

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ORANGE COUNTY SANITATION DISTRICT

Facility	Permit No.	Address	NAICS Code	Regulation	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
All Metals Processing of Orange County, LLC	1-031110	8401 Standustrial St, Stanton, CA 90680	332813	433.17(a)	3	21	8			Formerly listed as All Metals Processing of O.C., Inc.
Alliance Medical Products, Inc.	1-541182	9342 Jeronimo Rd, Irvine, CA 92618	325412	439.47	2	28	0			
Allied Electronics Services, Inc.	1-011073	1342 E. Borchard, Santa Ana, CA 92705	334412	433.17(a)	2	13	4			
Allied International	1-031107	6700 Caballero Blvd, Buena Park, CA 90620	325611	417.166, 417.176, 417.66, 417.86	2	11	2			
Alloy Die Casting, Co. dba ADC Aerospace	1-531437	6550 Caballero Blvd, Buena Park, CA 90620	331523	464.16(a), 464.16(c), 464.16(h), 464.46(a), 464.46(b), 464.46(d)	2	10	13			
Alloy Tech Electropolishing, Inc.	1-011036	2220 S. Huron Dr, Santa Ana, CA 92704	332812	433.17(a)	2	8	4			
Alsco, Inc.	1-021656	1755 S. Anaheim Blvd, Anaheim, CA 92802	812331	403.5(d)	2	12	8	O&G-min.		
Aluminum Forge - Div. of Alum. Precision	1-071035	502 E. Alton Ave, Santa Ana, CA 92707	332112	467.46, 471.65(i), 471.65(j)	2	14	11			
Aluminum Precision Products, Inc. (Central)	1-011038	3132 W. Central Ave, Santa Ana, CA 92704	332112	467.45	2	12	5			
Aluminum Precision Products, Inc. (Susan)	1-011100	2621 S. Susan St, Santa Ana, CA 92704	332112	467.45, 467.46	2	16	11	Copper		
Aluminum Precision Products, Inc. (Warner)	1-511387	3323 W. Warner Ave, Santa Ana, CA 92704	332112	467.46	2	8	5			
Amerimax Building Products, Inc.	1-021102	1411 N. Daly St, Anaheim, CA 92806	332812	465.35	2	14	1			
Ameripecc, Inc.	1-031057	6965 Aragon Cir, Buena Park, CA 90620	312111	403.5(d)	2	10	0			
Anaheim Extrusion Co., Inc.	1-021168	1330 & 1340 N. Kraemer Blvd, Anaheim, CA 92806	331318	467.35(c)	2	12	1			
Andres Technical Plating	1-521798	1055 Ortega Way, C Unit, Placentia, CA 92870	332813	433.17(a)	2	10	10			

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ORANGE COUNTY SANITATION DISTRICT

Facility	Permit No.	Address	NAICS Code	Regulation	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
AnoChem Coatings	1-600295	1102 East Washington Ave, Santa Ana, CA 92701	332813	433.17(a)	2	15	6			
Anodyne, Inc.	1-511389	2230 S. Susan St, Santa Ana, CA 92704	332813	433.17(a)	2	15	15			
Anomil Ent. Db a Danco Metal Surfacing	1-011155	401 W. Rowland St, Santa Ana, CA 92707	332813	433.17(a)	2	13	9			
APCT Anaheim	1-600689	250 E. Emerson Ave, Orange, CA 92865	334112	433.17(a)	3	14	8			
APCT Orange County	1-600503	1900 Petra Ln, C Unit, Placentia, CA 92870	334412	433.17(a)	2	15	30	Copper		
ARO Service	1-021192	1186 N. Grove St, Anaheim, CA 92806	336411	433.17(a)	5	12	1	Copper, Zinc		
Arrowhead Operating Inc.	1-601062	219 First St, Huntington Beach, CA 92648	211111	403.5(d)	2	11	2			
Arrowhead Products Corporation	1-031137	4411 Katella Ave, Los Alamitos, CA 90720	336413	420.76, 420.96(c)(5), 471.35(a), 471.35(bb), 471.35(dd), 471.35(ff), 471.35(j), 471.35(l), 471.35(s), 471.35(t), 471.35(u), 471.35(v), 471.65(a), 471.65(i), 471.65(j), 471.65(m), 471.65(n), 471.65(p), 471.65(q), 471.65(s), 471.65(w), 471.65(x)	5	28	16	Fluoride,NH3,Zinc		
Astech Engineered Products (2)	1-601719	3030 Red Hill Ave, Santa Ana, CA 92705	336412	433.17(a)	2	19	8			

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ORANGE COUNTY SANITATION DISTRICT

Facility	Permit No.	Address	NAICS Code	Regulation	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
Astech Engineered Products, Inc. (Bldg. 2 Outside)	Z-371320	3030 Red Hill Ave, Santa Ana, CA 92705	336412	471.65(m), 471.65(n), 471.65(o), 471.65(p), 471.65(q)	1	0	0			
Auto-Chlor System of Washington, Inc.	1-511384	530 Goetz Ave, Santa Ana, CA 92707	325611	417.166	2	12	5			
Aviation Equipment Processing	1-071037	1571 MacArthur Blvd, Costa Mesa, CA 92626	336413	433.17(a)	2	10	3			
Avid Bioservices, Inc.	1-571332	14191 Myford Rd, Tustin, CA 92780	325414	439.17, 439.27	2	29	40			
B&B Enameling, Inc.	Z-331432	17591 Sampson Ln, Huntington Beach, CA 92647	332812	433.17(a)	2	0	0			
B. Braun Medical, Inc. (East/Main)	1-071054	2525 Mcgaw Ave, Irvine, CA 92614	325412	439.47, 463.26, 463.36	2	21	5			
B. Braun Medical, Inc. (North/Alton)	1-600382	2206 Alton Pkwy, Irvine, CA 92614	325412	439.47	2	26	5			
B. Braun Medical, Inc. (West/Lake)	1-541183	2525 Mcgaw Ave, Irvine, CA 92614	325412	439.47, 463.16, 463.26, 463.36	2	30	5	pH		
B/E Aerospace Machine Products	Z-601769	7155 Fenwick Ln, Westminster, CA 92683	336419	433.17(a)	1	0	0			New Zero Discharge Certification Issued
Basic Electronics, Inc.	1-031094	11371 Monarch St, Garden Grove, CA 92841	334412	433.17(a)	4	11	1			
BAZZ HOUSTON CO.	1-031010	12700 Western Ave, Garden Grove, CA 92841	33211	403.5(d)	2	13	6			
Beckman Coulter, Inc.	1-521824	200 S. Kraemer Blvd, Brea, CA 92821	334516	433.17(a)	3	10	1			
Beo-Mag Plating	1-511370	3313 W. Harvard St, Santa Ana, CA 92704	332813	433.17(a)	2	13	13			
Beverage Visions LLC (Anaheim)	1-601448	4940 E. Landon Dr, Anaheim, CA 92807	311421	403.5(d)	1	6	1	pH		Class 1 Permit Deactivated
Beverage Visions LLC (Yorba Linda)	1-601449	24855 Corbit Pl, Yorba Linda, CA 92887	31193	403.5(d)	5	21	6			

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Bimbo Bakeries U.S.A, Inc.	1-521838	500 S. Placentia Ave, Placentia, CA 92870	311812	403.5(d)	3	12	2			
Bioduro LLC (Fairbanks)	1-601616	72 Fairbanks, Irvine, CA 92618	325412	439.47	2	24	15			
Bioduro LLC (Jeronimo)	1-601617	9601 Jeronimo Rd, Irvine, CA 92618	325412	439.47	2	12	15			
Black Oxide Industries, Inc.	1-021213	1735 N. Orangethorpe Park, Anaheim, CA 92801	332812	433.17(a)	3	15	1	pH		
Blue Lake Energy	1-521785	5721 Casson Dr, Yorba Linda, CA 92886	211111	403.5(d)	5	9	2			
Blue Ribbon Container and Display, Inc.	1-601468	5450 Dodds Ave, Buena Park, CA 90621	322211	403.5(d)	2	9	0			
Bodycote Thermal Processing	1-031120	7474 Garden Grove Blvd, Westminster, CA 92683	332811	403.5(d)	2	5	1			
Boeing Company (Graham)	1-111018	15400 Graham St, Huntington Beach, CA 92649	33641	433.17(a)	2	9	3			
Brasstech, Inc	1-600316	1301 E. Wilshire Ave, Santa Ana, CA 92705	332813	433.17(a)	4	11	4			
Brea Power II, LLC	1-521837	1935 Valencia Ave, Brea, CA 92823	221112	403.5(d)	2	12	0			
Bridge Energy, LLC	1-600398	2744 Valencia Ave, Brea, CA 92821	211111	403.5(d)	2	10	6			
Brindle/Thomas - Bradley	1-531428	221 1st St, Huntington Beach, CA 92648	211111	435.34(b)	2	13	2			
Brindle/Thomas - Brooks & Kohlbush	1-531429	18462 Edwards St, Huntington Beach, CA 92648	211111	435.34(b)	2	13	2			
Brindle/Thomas - Catalina & Copeland	1-531430	18851 Stewart Ln, Huntington Beach, CA 92648	211111	435.34(b)	2	12	2			
Brindle/Thomas - Dabney & Patton	1-531427	19192 Stewart Ln, Huntington Beach, CA 92648	211111	435.34(b)	2	14	2			

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Bristol Industries	1-021226	630 E. Lambert Rd, Brea, CA 92821	332722	433.17(a), 467.36(c), 471.35(dd), 471.35(ee), 471.35(ff), 471.35(i), 471.35(r), 471.35(s), 471.35(t), 471.35(u), 471.35(v)	2	23	36			
Brothers International Desserts (North)	1-600583	1682 Kettering St, Irvine, CA 92614	311520	405.86	2	10	1			
Brothers International Desserts (West)	1-600582	1682 Kettering St, Irvine, CA 92614	311520	405.86	2	10	1			
Cadillac Plating, Inc.	1-021062	1147 W. Struck Ave, Orange, CA 92867	332813	433.17(a)	2	16	19			
Cal-Aurum Industries, Inc.	1-111089	15632 Container Ln, Huntington Beach, CA 92649	332813	433.17(a)	2	15	9			
California Faucets	Z-331431	5231 Argosy Ave, Huntington Beach, CA 92649	332812	433.17(a)	1	0	0			
California Gasket and Rubber Corporation	1-521832	533 W. Collins Ave, Orange, CA 92867	339991	428.66(a)	2	6	2			
CalNRG Operating, LLC	1-601486	2930 E. Frontera St. Unit A St, Anaheim, CA 92806	211111	403.5(d)	2	9	2			
Cargill, Inc.	1-031060	600 N. Gilbert St, Fullerton, CA 92833	311225	403.5(d)	2	12	12			
Catalina Cylinders, A Div. of APP	1-031021	7300 Anaconda Ave, Garden Grove, CA 92841	331318	467.46	2	13	5			
CD Video, Inc.	1-511076	12650 Westminster Ave, Garden Grove, CA 92843	334613	433.17(a)	3	10	4			
Central Powder Coating	1-021189	593 Explorer St, Brea, CA 92821	332812	433.17(a)	0	0	0			Class 1 Permit Deactivated

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Chromadora, Inc.	1-511414	2515 S. Birch St, Santa Ana, CA 92707	332813	433.17(a)	5	14	13			
Circuit Technology, Inc.	1-521821	1911 N. Main St, Orange, CA 92865	334112	433.17(a)	2	13	3			
City of Anaheim - Public Utilities Dept	1-021073	6751 E. Walnut Canyon Rd, Anaheim, CA 92807	221310	403.5(d)	2	10	22			
City of Anaheim Public Utilities (Water Services WRF)	1-521843	210 S. Anaheim Blvd, Anaheim, CA 92805	221320	403.5(d)	2	5	0			Formerly listed as City of Anaheim Public Utilities (Water Services WRDF)
City of Anaheim, Canyon Power Plant	1-600296	3071 E. Miraloma Ave, Anaheim, CA 92806	221121	403.5(d)	2	12	1			
City of Fullerton (Public Works Department)	1-601835	1580 W. Commonwealth Ave, Fullerton, CA 92833	921190	403.5(d)	0	0	0			New Class 1 Permit Issued
City of Huntington Beach Fire Department	1-111015	19081 Huntington St, Huntington Beach, CA 92648	211111	403.5(d)	1	0	0			Class 1 Permit Deactivated
City of Newport Beach (West Coast Hwy - Oil Extraction)	1-600584	5810 West Coast Hwy, Newport Beach, CA 92660	211111	435.33(b)	2	9	10			
City of Tustin - Maintenance Yard	1-071058	1472 Service Rd, Tustin, CA 92780	921190	403.5(d)	2	11	6			
City of Tustin Water Service (17th St.)	1-071013	18602 E. 17th St, Santa Ana, CA 92705	221310	403.5(d)	2	10	1			
City of Tustin, Water Service (Main St)	1-071268	235 E. Main St, Tustin, CA 92780	221310	403.5(d)	1	0	0			
CJ Foods Manufacturing Corp.	1-521849	500 State College Blvd, Fullerton, CA 92831	311824	403.5(d)	2	11	6			
CLA-VAL Co. Div. of Griswold Ind.	Z-361103	1701 Placentia Ave, Costa Mesa, CA 92627	332911	433.17(a)	1	0	0			
Coast to Coast Circuits, Inc.	1-111129	5332 Commercial St, Huntington Beach, CA 92649	334412	433.17(a)	2	14	21			

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Coastline High Performance Coatings, LTD	1-600812	7181 Orangewood Ave, Garden Grove, CA 92841	332812	433.17(a)	2	7	1			
Coastline Metal Finishing Corp., A Division of Valence Surface Technologies	1-600708	7061 Patterson Dr, Garden Grove, CA 92841	332813	433.17(a)	2	13	4			
Columbine Associates	1-521784	4660 San Antonio Rd, E. on B St Dir, Yorba Linda, CA 92886	211111	403.5(d)	3	8	2			
Continuous Coating Corporation	1-021290	520 W. Grove Ave, Orange, CA 92865	332812	433.17(a), 465.15	2	13	8			
Cooper and Brain, Inc.	1-031070	1390 Site Dr, Brea, CA 92821	211111	435.33(b)	2	12	0			
Corru-Kraft Buena Park	1-600806	6200 Caballero Blvd, Buena Park, CA 90620	322211	403.5(d)	2	10	6			
Corru-Kraft Fullerton	1-601450	1911 E. Rossllyn Ave, Fullerton, CA 92831	322211	403.5(d)	2	10	2			
CP-Carrillo, Inc. (Armstrong)	1-600920	17401 Armstrong Ave, Irvine, CA 92614	336310	433.17(a)	2	9	1			
CP-Carrillo, Inc. (McGaw)	1-571316	1902 McGaw Ave, Irvine, CA 92614	336310	403.5(d)	3	11	2	Copper		
CPPG, Inc.	Z-321813	3911 E. Miraloma Ave, Anaheim, CA 92806	332813	433.17(a)	1	0	0			
Crest Coating, Inc.	1-021289	1361 S. Allec St, Anaheim, CA 92805	332812	433.17(a)	2	18	1			
CRH California Water, Inc.	1-011051	502 S. Lyon St, Santa Ana, CA 92701	312112	403.5(d)	1	5	2			
Custom Enamelers, Inc.	1-021297	18340 Mount Baldy Cir, Fountain Valley, CA 92708	332812	433.17(a)	2	13	4			
Cytec Engineered Materials	Z-600005	1440 N. Kraemer Blvd, Anaheim, CA 92806	325520	433.17(a)	1	0	0			Formerly listed as Cytec Engineered Materials, Inc.
D.F. Stauffer Biscuit Co., Inc.	1-600414	4041 W. Garry Ave, Santa Ana, CA 92704	311821	403.5(d)	2	10	2			
Dae Shin USA, Inc.	1-031102	610 N. Gilbert St, Fullerton, CA 92833	313310	410.56	2	10	0			

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Darling Ingredients, Inc.	1-511378	2624 Hickory St, Santa Ana, CA 92707	562219	403.5(d)	2	14	4			
Data Aire, Inc. #2	1-021379	230 W. Blueridge Ave, Orange, CA 92865	332322	433.17(a)	2	3	0			Class 1 Permit Deactivated
Data Electronic Services, Inc.	1-011142	410 Nantucket Pl, Santa Ana, CA 92703	334412	433.17(a)	2	13	25	Copper		
Data Solder, Inc.	1-521761	2915 Kilson Dr, Santa Ana, CA 92707	334412	433.17(a)	2	13	4			
Dayton Flavors, Inc.	1-600038	580 S. Melrose St, Placentia, CA 92870	311930	403.5(d)	2	7	2			
DCOR, LLC	1-111013	4541 Heil Ave, Huntington Beach, CA 92649	211111	403.5(d)	2	0	0			
Derm Cosmetic Labs, Inc.	Z-600455	6370 Altura Blvd, Buena Park, CA 90620	325611	417.156, 417.166, 417.66, 417.86	0	0	0			
Diamond Environmental Services, LP	1-600244	1801 Via Burton, B Unit, Fullerton, CA 92831	562991	403.5(d)	3	12	2			
DNR Industries, Inc.	Z-601019	1562 S. Anaheim Blvd, A&B Ste, Anaheim, CA 92805	811111	433.17(a)	0	0	0			
Dr. Smoothie Enterprises - DBA Bevolution Group	1-600131	1730 Raymer Ave, Fullerton, CA 92833	311930	403.5(d)	3	11	2			
DRS Network & Imaging Systems, LLC	1-531405	10600 Valley View St, Cypress, CA 90630	334413	469.18(a)	2	0	10			
DS Services of America	1-021393	1522 N. Newhope St, Santa Ana, CA 92703	312112	403.5(d)	2	11	2			
Ducommun Aerostructures, Inc.	1-021105	1885 N. Batavia St, Orange, CA 92865	336413	433.17(a)	2	14	7			
Dunham Metal Plating Inc.	1-601023	1764 N. Case St, Orange, CA 92865	332813	433.17(a)	2	15	8			
Dunham Metal Processing	1-021325	936 N. Parker St, Orange, CA 92867	332813	433.17(a)	3	11	3			
E&B Natural Resources-Angus Petroleum Corporation	1-600254	1901 California St, Huntington Beach, CA 92648	211111	403.5(d)	2	14	4			

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Earth Friendly Products	1-600739	11150 Hope St, Cypress, CA 90630	325611	417.166, 417.86	2	12	1			
Eco Pure LLC	1-601406	1920 Warner Ave, Suite 3-P, Santa Ana, CA 92705	812220	403.5(d)	2	7	1			
EFT Fast Quality Service, Inc.	1-011064	2328 S. Susan St, Santa Ana, CA 92704	334112	433.17(a)	2	9	4			
Electro Metal Finishing Corporation	1-021158	1194 N. Grove St, Anaheim, CA 92806	332812	433.17(a)	2	14	20			
Electrode Technologies, Inc. dba Reid Metal Finishing	1-511376	3110 W. Harvard St, Santa Ana, CA 92704	332813	433.17(a)	2	23	13	Cadmium, Copper, Nickel		
Electrolurgy, Inc.	1-071162	1121 Duryea Ave, Irvine, CA 92614	332813	433.17(a)	2	11	18			
Electron Plating III, Inc.	1-021336	13932 Enterprise Dr, Garden Grove, CA 92843	332813	433.17(a)	2	12	9			Formerly listed as Electron Plating Inc.
Electronic Precision Specialties, Inc.	1-021337	537 Mercury Ln, Brea, CA 92821	332813	433.17(a)	2	15	8			
Embee Processing (Anodize)	1-600456	2148 S. Hathaway St, Santa Ana, CA 92705	332813	413.14(c), 413.54(c), 413.64(c), 433.17(a)	2	15	11			
Embee Processing (Plate)	1-600457	2144 S. Hathaway St, Santa Ana, CA 92705	332813	413.14(c), 413.54(c), 413.64(c), 413.74(c), 433.17(a)	2	15	7			
Emerald SoCal, LLC / Emerald Orange	1-601615	1575 N. Case St, Orange, CA 92867	812332	403.5(d)	3	12	2			
Excello Circuits, Inc. (Hunter)	1-601356	5330 E. Hunter Ave, Anaheim, CA 92807	334412	433.17(a)	2	16	1			
Expo Dyeing and Finishing, Inc.	1-031322	1365 Knollwood Cir, Anaheim, CA 92801	313310	403.5(d)	2	12	0			
Fabrica International, Inc.	1-011278	3201 S. Susan St, Santa Ana, CA 92704	314110	403.5(d)	2	11	0			

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Fabrication Concepts Corporation	1-011068	1800 E. Saint Andrew Pl, Santa Ana, CA 92705	332114	433.17(a)	2	15	1			
Fineline Circuits & Technology, Inc.	1-021121	594 Apollo St, Brea, CA 92821	334412	433.17(a)	2	15	3			
FMH Aerospace Corp.	1-600585	17072 Daimler St, Irvine, CA 92614	332912	433.17(a), 467.16, 471.65(m), 471.65(n), 471.65(p), 471.65(q), 471.65(w)	2	17	33			
FujiFilm Irvine Scientific, Inc.	1-600977	2511 Daimler St, Santa Ana, CA 92705	325414	439.47	2	30	10			
Fullerton Custom Works, Inc.	Z-331424	1163 E. Elm Ave, Fullerton, CA 92831	332813	433.17(a)	0	0	0			
Gallade Chemical, Inc.	1-011257	1230 E. Saint Gertrude Pl, Santa Ana, CA 92707	422690	403.5(d)	2	8	2			
Gemtech Coatings	Z-600544	2737 S. Garnsey St, Santa Ana, CA 92707	332812	433.17(a)	0	0	0			
Gemtech Coatings (Explorer)	1-601761	593 Explorer St, Brea, CA 92821	332812	433.17(a)	5	8	7			New Class 1 Permit Issued
GKN Aerospace Transparency Systems	1-531401	12122 Western Ave, Garden Grove, CA 92841	336413	403.5(d)	2	5	1			
Gold Coast Baking Company, Inc.	1-601700	1505 E. Warner Ave, Santa Ana, CA 92705	311812	403.5(d)	2	12	1	pH		
Goodwin Company	1-031043	12361 Monarch St, Garden Grove, CA 92841	325611	417.166	2	13	10	O&G-min.		
Graphic Packaging International, Inc.	1-571314	1600 Barranca Pkwy, Irvine, CA 92606	322212	403.5(d)	2	9	1			
Harbor Truck Bodies, Inc.	1-021286	255 Voyager Ave, Brea, CA 92821	336370	433.17(a)	3	9	6			
Harry's Dye & Wash, Inc.	1-521746	1015 E. Orangethorpe Ave, Anaheim, CA 92801	313310	403.5(d)	2	10	5			

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Hartwell Corporation	1-021381	900 Richfield Rd, Placentia, CA 92870	332999	403.5(d)	2	12	2			
Hellman Properties, LLC	1-600273	1650 Adolfo Lopez Dr, Seal Beach, CA 90740	211111	435.34(b)	2	14	3			
Hi Tech Solder	1-521790	700 Monroe Way, Placentia, CA 92870	334412	433.17(a)	2	14	26			
Hightower Plating & Manufacturing Co.	1-021185	2090 N. Glassell, Orange, CA 92865	332813	433.17(a)	2	16	7			
Hixson Metal Finishing	1-061115	829 & 835 Production Pl, Newport Beach, CA 92663	332813	433.17(a)	2	20	22			
House Foods America Corporation (East)	1-600906	7351 Orangewood Ave, Garden Grove, CA 92841	311991	403.5(d)	2	10	0			
House Foods America Corporation (West)	1-031072	7351 Orangewood Ave, Garden Grove, CA 92841	311991	403.5(d)	2	10	0			
Howmet Global Fastening Systems Inc.	1-021081	800 S. State College Blvd, Fullerton, CA 92831	332722	433.15(a), 433.17(a), 467.46, 471.35(dd), 471.35(ff), 471.35(l), 471.35(r), 471.35(t), 471.35(u), 471.35(v), 471.65(j), 471.65(m), 471.65(n), 471.65(o), 471.65(p), 471.65(q), 471.65(r), 471.65(u), 471.65(w), 471.65(x)	1	26	16			

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Hyatt Die Cast & Engineering Corporation	Z-331236	4656 Lincoln Ave, Cypress, CA 90630	331523	464.16(a), 464.16(c), 464.16(h), 464.46(b), 464.46(d)	0	0	0			
Ideal Anodizing, Inc.	1-021041	1250 & 1270 N. Blue Gum St, Anaheim, CA 92806	332813	433.17(a)	2	14	3			
Ikon Powder Coating, Inc.	1-521756	1375 N. Miller St, Anaheim, CA 92806	332812	433.17(a)	2	10	3			
Image Technology, Inc.	1-521755	1380 N. Knollwood Cir, Anaheim, CA 92801	325611	417.86	2	5	1			
Imuraya USA, Inc.	1-541178	2502 Barranca Pkwy, Irvine, CA 92606	311520	405.86	2	9	1			
Independent Forge Company	Z-601008	692 N. Batavia St, Orange, CA 92868	332112	467.45	0	0	0			
Industrial Coating, Inc.	Z-601061	2990 E. Blue Star St, Anaheim, CA 92806	332812	433.17(a)	0	0	0			
Industrial Metal Finishing, Inc.	1-521828	1941 Petra Ln, Placentia, CA 92870	332813	403.5(d)	2	8	3			
Intec Products, Inc.	1-021399	1145 N. Grove St, Anaheim, CA 92806	314999	410.36, 410.46	2	12	1			
International Paper Company (Anaheim)	1-521820	601 E. Ball Rd, Anaheim, CA 92805	322211	403.5(d)	2	0	3			
International Paper Company (Buena Park Bag)	1-531419	6485 Descanso Ave, Buena Park, CA 90620	322224	403.5(d)	2	9	3			
International Paper Company (Buena Park Container)	1-031171	6211 Descanso Ave, Buena Park, CA 90620	322211	403.5(d)	2	6	2			
Irvine Ranch Water District (Wells 21/22 Desalter)	1-571327	1221 Edinger Ave, Tustin, CA 92780	221310	403.5(d)	2	0	0			
Irvine Ranch Water District - DATS	1-011075	1704 W. Segerstrom Ave, Santa Ana, CA 92704	221310	403.5(d)	2	10	2			
IsoTis OrthoBiologics, Inc.	1-601134	2 Goodyear, Irvine, CA 92618	339112	403.5(d)	2	7	0			

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J & R Metal Finishing Co.	1-521823	307 N. Euclid Way, H1 Bldg, Anaheim, CA 92801	332812	403.5(d)	2	10	3			
J and J Operators LLC	1-601614	18962 Stewart Ln, Huntington Beach, CA 92648	211111	403.5(d)	2	10	2			
J&J Marine Acquisition Co., LLC	1-551152	151 Shipyard Way, 7 Ste, Newport Beach, CA 92663	336611	403.5(d)	3	7	1			
JD Processing, Inc. (East)	1-511407	2220 Cape Cod Way, Santa Ana, CA 92703	332813	433.17(a)	2	19	9			
JD Processing, Inc. (West)	1-600978	2310 Cape Cod Way, Santa Ana, CA 92703	332813	433.17(a)	2	0	0			
Jellco Container, Inc.	1-021402	1151 N. Tustin Ave, Anaheim, CA 92807	322212	403.5(d)	4	17	7	Molybdenum		
JOHN A. THOMAS - BOLSA OIL	1-031065	18701 Edwards St, Huntington Beach, CA 92648	211111	403.5(d)	2	16	3			
Joint Forces Training Base, Los Alamitos	1-031270	4230 Constitution Ave, 35 Bldg, Los Alamitos, CA 90720	928110	403.5(d)	2	11	1			
Kenlen Specialities, Inc.	1-021171	11691 Coley River Cir, Fountain Valley, CA 92708	332812	433.17(a)	2	14	4			
Kinsbursky Brothers Supply, Inc.	1-021424	1314 N. Anaheim Blvd, Anaheim, CA 92801	423930	403.5(d)	2	6	2			
Kirkhill, Inc. (North)	1-600608	300 E. Cypress St, Brea, CA 92821	339991	428.76(a)	2	13	4			
Kirkhill, Inc. (South)	1-600609	300 E. Cypress St, Brea, CA 92821	339991	428.76(a)	7	6	4			
Koia Anaheim Facility, LLC	1-601767	4940 E. Landon Dr, Anaheim, CA 92807	311421	403.5(d)	1	8	2	pH		New Class 1 Permit Issued
Kraft Heinz Company	1-071056	2450 White Rd, Irvine, CA 92614	311941	403.5(d)	3	12	1	pH		
Kryler Corporation	1-021428	1217 E. Ash Ave, Fullerton, CA 92831	332813	433.17(a)	3	16	4			
Kyocera SGS Precision Tools, Inc.	1-511385	3565 Cadillac Ave, Costa Mesa, CA 92626	333515	403.5(d)	2	9	2			

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La Habra Bakery	1-031029	850 S. Cypress St, La Habra, CA 90631	311812	403.5(d)	2	11	5			
La Habra Plating Company	Z-331399	900 S. Cypress, La Habra, CA 90631	332813	433.17(a)	0	0	0			
LGM Subsidiary Holdings LLC	1-601313	17802 Gillette Ave, Irvine, CA 92614	325412	439.47	2	27	5			
Lightning Diversion Systems LLC	1-600338	16572 Burke Ln, Huntington Beach, CA 92647	334412	433.17(a)	3	12	3			
Linco Industries, Inc.	1-021253	528 S. Central Park Ave, West Dir, Anaheim, CA 92802	332812	433.17(a)	3	17	4			
LM Chrome Corporation	1-511361	654 Young St, Santa Ana, CA 92705	332813	433.17(a)	3	14	9			
Logi Graphics, Inc.	1-031049	17592 Metzler Ln, Huntington Beach, CA 92647	334412	433.17(a)	2	9	3	Nickel		
M.S. Bellows	1-111007	5322 McFadden Ave, Huntington Beach, CA 92649	332813	433.17(a)	2	11	4			
Magma Finishing Corp.	Z-321810	2294 N. Batavia St, D Ste, Orange, CA 92865	332813	433.17(a)	1	0	0			
Magnetic Metals Corporation	1-531391	2475 W. La Palma Ave, Anaheim, CA 92801	334416	433.17(a)	2	11	3			
Manufactured Packaging Products	1-521793	3200 Enterprise St, Brea, CA 92821	322211	403.5(d)	2	12	3			
Manufactured Packaging Products (MPP Fullerton)	1-021681	1901 E. Rossllynn Ave, Fullerton, CA 92831	322211	403.5(d)	2	11	4			
Markland Manufacturing, Inc.	1-011046	1111 E. McFadden Ave, Santa Ana, CA 92705	332813	433.17(a)	2	17	12			
Maruchan, Inc. (Deere)	1-071024	1902 Deere Ave, Irvine, CA 92606	311824	403.5(d)	2	4	1			
Maruchan, Inc. (Deere-South)	1-601021	1902 Deere Ave, Irvine, CA 92606	311824	403.5(d)	2	4	1			
Maruchan, Inc. (Laguna Cyn)	1-141015	15800 Laguna Canyon Rd, Irvine, CA 92618	311824	403.5(d)	2	4	2			

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Marukome USA, Inc.	1-141023	17132 Pullman St, Irvine, CA 92614	311991	403.5(d)	2	10	2			
Master Wash, Inc.	1-511399	3120 Kilson St, Santa Ana, CA 92707	811192	403.5(d)	2	7	2			
McKenna Labs, Inc.	1-021422	1601 E. Orangethorpe Ave, Fullerton, CA 92831	325620	417.86, 439.47	2	9	4			
McKenna Labs, Inc. (Acacia)	1-601842	1101 S. Acacia Ave, Fullerton, CA 92831	325620	417.86, 439.47	0	0	0			New Class 1 Permit Issued
MCP Foods, Inc.	1-021029	424 S. Atchison St, Anaheim, CA 92805	311942	403.5(d)	2	15	0			
Meggitt (Orange County), Inc.	1-601115	4 Marconi, Irvine, CA 92618	334519	433.17(a)	2	0	0			Class 1 Permit Deactivated
Meggitt Orange County	1-601843	4 Marconi, Irvine, CA 92618	334519	433.17(a)	0	7	6			New Class 1 Permit Issued
Merical, LLC	1-600655	233 E. Bristol Ln, Orange, CA 92865	325412	439.47	3	15	6			
Mesa Water District	1-061007	1350 Gisler Ave, Costa Mesa, CA 92626	221310	403.5(d)	2	8	4			
Micro Precision Swiss, LLC	Z-601490	3233 W. Harvard St, Santa Ana, CA 92704	339113	433.17(a)	0	0	0			
Micrometals, Inc.	1-021153	5615 E. La Palma Ave, Anaheim, CA 92807	334416	471.105(e)	3	14	3			
MTC Corp	1-600443	11161 Slater Ave, Fountain Valley, CA 92708	336111	426.66	2	9	1			
Murrietta Circuits	1-521811	5000 E. Landon St, Anaheim, CA 92807	334418	433.17(a)	2	16	1			
Nalco Water Pretreatment Solutions, LLC	1-521748	1961 Petra Ln, Placentia, CA 92870	561990	403.5(d)	3	13	2			
National Construction Rentals	1-600652	1550 E. Chestnut Ave, Santa Ana, CA 92701	562991	403.5(d)	2	12	2			
Neutron Plating, Inc.	Z-321812	2993 E. Blue Star St, Anaheim, CA 92806	332812	433.17(a)	1	0	0			

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Newlight Technologies, Inc.	1-600888	14382 Astronautics Ln, Huntington Beach, CA 92647	325211	403.5(d)	2	20	4			
Newport Corporation	1-071038	1791 Deere Ave, Irvine, CA 92606	334516	403.5(d)	2	9	0			
Newport Corporation	1-601837	1931 Deere Ave, Irvine, CA 92606	334516	433.17(a)	0	0	0			New Class 1 Permit Issued
Newport Fab, LLC dba Tower Semiconductor Newport Beach, Inc.	1-571292	4321 Jamboree Rd, Newport Beach, CA 92660	334413	469.18(a)	3	14	1			
Nikkiso ACD	Z-601703	2321 Pullman St, Santa Ana, CA 92705	334513	433.17(a)	0	0	0			
Nobel Biocare USA, LLC	1-521801	22725 Savi Ranch Pkwy, Yorba Linda, CA 92887	339114	433.17(a)	2	11	2			
Nor-Cal Beverage Co., Inc. (Main)	1-021284	1226 N. Olive St, Anaheim, CA 92801	312111	403.5(d)	2	10	0			
O'Donnell Oil Company, LLC	1-581191	7800 Palin Cir, Huntington Beach, CA 92648	211111	403.5(d)	2	0	0			
O.C. Waste & Recycling	1-141018	20661 Newport Coast Dr, Newport Beach, CA 92657	562910	403.5(d)	2	10	2			
Oakley, Inc.	1-141012	1 Icon, Foothill Ranch, CA 92610	339115	463.16, 463.26, 463.36	2	0	0			
Omni Metal Finishing, Inc.	1-021520	11665 Coley River Cir, Fountain Valley, CA 92708	332813	433.17(a)	2	0	0			
Omni Metal Finishing, Inc. (Building 4)	1-600981	11639 Coley River Cir, Fountain Valley, CA 92708	332813	433.17(a)	3	19	4			
Only Cremations for Pets (Newport Beach)	1-601084	4263 Birch St, B Ste, Newport Beach, CA 92660	812220	403.5(d)	2	7	4			
Only Cremations for Pets (Stanton)	1-601085	8101 Monroe Ave, Stanton, CA 90680	812220	403.5(d)	2	7	3			
Orange County Chemical Supply, Inc.	1-600766	10680 Fern Ave, Stanton, CA 90680	325611	417.86	3	13	1			

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Ortronics, Inc.	Z-601203	1443 S. Sunkist St, Anaheim, CA 92806	423430	433.17(a)	1	0	0			
Pacific Chrome Services	Z-311396	603 E. Alton Ave, F Ste, Santa Ana, CA 92705	332813	433.17(a)	1	0	0			Zero Discharge Certification Deactivated
Pacific Image Technology, Inc.	1-021070	1875 S. Santa Cruz St, Anaheim, CA 92805	334112	433.17(a)	2	17	1			
Pacific Western Container	1-511371	4044 W. Garry Ave, Santa Ana, CA 92704	322211	403.5(d)	2	8	2			
Parker Hannifin Corporation	Z-600979	14300 Alton Pkwy, Irvine, CA 92618	332912	433.17(a)	0	0	0			
Patriot Wastewater, LLC (Freedom CWT)	1-521861	314 W. Freedom Ave, Orange, CA 92865	562219	437.47(b)	2	18	9			
Patriot Wastewater, LLC (Freedom Non-CWT)	1-600147	314 W. Freedom Ave, Orange, CA 92865	562219	403.5(d)	2	13	4			
PCC Rollmet, Inc.	Z-601822	1822 Deere Ave, Irvine, CA 92606	33121	467.36(c), 471.35(i), 471.35(u), 471.35(v)	0	0	0			New Zero Discharge Certification Issued
PCX Aerosystems - Santa Ana	1-601618	2040 E. Dyer Rd, Santa Ana, CA 92705	336413	433.17(a)	2	10	17			
Performance Powder, Inc.	1-521805	2920 E. La Jolla St, Anaheim, CA 92806	332812	433.17(a)	2	15	1			
Petroprize Corporation	1-581180	319 20th St, Huntington Beach, CA 92648	211111	403.5(d)	2	9	2			
Pier Oil Company, Inc.	1-581178	201 2nd St, Huntington Beach, CA 92648	211111	403.5(d)	2	10	2			
Pioneer Circuits, Inc.	1-011262	3010 S. Shannon St, Santa Ana, CA 92704	334412	433.17(a)	2	17	10			
Platinum Surface Coating, Inc.	1-521852	1173 N. Fountain Way, Anaheim, CA 92806	332813	433.17(a)	2	11	3			
Plegel Oil Company (Blattner/Joe Johnson)	1-521864	900 Mammoth Way, Placentia, CA 92870	211111	403.5(d)	1	8	2			
Plegel Oil Company - (A.H.A.)	1-021176	16801 Rumson St, Yorba Linda, CA 92886	211111	403.5(d)	4	9	2			
Porter Powder Coating, Inc.	Z-321817	510 S. Rose St, Anaheim, CA 92805	332812	433.17(a)	1	0	0			

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Powdercoat Professionals Inc.	Z-600275	2905 E. Blue Star St, Anaheim, CA 92806	332812	433.17(a)	1	0	0			Zero Discharge Certification Deactivated
Powdercoat Services, LLC (Bldg E / Plant 1)	1-600167	307 N. Euclid Way, E Bldg, Anaheim, CA 92801	332812	433.17(a)	2	9	4			
Powdercoat Services, LLC (Bldg J / Plant 3)	1-600168	237 N. Euclid Way, J Bldg, Anaheim, CA 92801	332812	433.17(a)	2	9	1			
PowderCoat Services, LLC. Plant 5	1-600355	1747 W. Lincoln Ave, L1 Bldg, Anaheim, CA 92801	332812	433.17(a)	2	9	1			
Power Distribution, Inc.	1-511400	4011 W. Carriage Dr, Santa Ana, CA 92704	335311	403.5(d)	2	12	3			
Powerdrive Oil & Gas Company, LLC (2nd)	1-600248	120 Second St, Huntington Beach, CA 92648	211111	403.5(d)	2	11	2			
Precious Metals Plating Co., Inc.	1-011265	2635 Orange Ave, Santa Ana, CA 92707	332813	433.17(a)	2	16	9			
Precision Anodizing & Plating, Inc.	1-521809	1601 N. Miller St, Anaheim, CA 92806	332813	433.17(a)	2	16	9			
Precision Circuits West, Inc.	1-011008	3310 W. Harvard St, Santa Ana, CA 92704	334412	433.17(a)	2	15	4			
Precision Resource, California Division	1-111002	5803 Engineer Dr, Huntington Beach, CA 92649	332710	403.5(d)	2	8	4			
Precon, Inc.	1-021581	3131 E. La Palma Ave, Anaheim, CA 92806	332721	403.5(d)	2	15	8			
Prima-Tex Industries Inc.	1-031036	6237 Descanso Cir, Buena Park, CA 90620	313310	403.5(d)	1	6	2			
Prudential Overall Supply	1-071235	16901 Aston St, Irvine, CA 92606	812332	403.5(d)	2	12	0			
Pulmuone Foods USA, Inc. (East)	1-601443	2315 Moore Ave, Fullerton, CA 92833	311991	403.5(d)	3	13	0	pH		
Q-Flex Inc.	1-600337	1301 E. Hunter Ave, Santa Ana, CA 92705	334418	433.17(a)	3	13	4	Copper		
Quality Aluminum Forge, LLC (Cypress North)	1-521833	814 N. Cypress St, Orange, CA 92867	332112	467.45	4	11	2			

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Quality Aluminum Forge, LLC (Cypress South)	1-600272	794 N. Cypress St, Orange, CA 92867	332112	467.46	2	11	4			
Quikturn Professional Screenprinting	1-521858	567 S. Melrose St, Placentia, CA 92870	333249	403.5(d)	2	10	2			
Rayne Dealership Corporation	1-571303	17835 Sky Park Cir, M Ste, Irvine, CA 92614	454390	403.5(d)	2	9	1			
RBC Transport Dynamics Corp.	1-011013	3131 W. Segerstrom Ave, Santa Ana, CA 92704	336413	433.17(a)	1	5	14	Zinc		
Rich Products Corporation (North)	1-601022	3401 W. Segerstrom Ave, Santa Ana, CA 92704	311812	403.5(d)	2	10	2			
Rich Products Corporation (South)	1-511404	3401 W. Segerstrom Ave, Santa Ana, CA 92704	311812	403.5(d)	2	11	2			
Rigiflex Technology, Inc.	1-021187	1166 N. Grove St, Anaheim, CA 92806	334418	433.17(a)	2	12	5			
Robinson Pharma, Inc. (Croddy)	1-511413	2632 S. Croddy Way, Santa Ana, CA 92704	325411	439.47	0	0	0			
Robinson Pharma, Inc. (Harbor North)	1-600126	2811 S. Harbor Blvd, Santa Ana, CA 92704	325412	439.47	2	11	11			
Robinson Pharma, Inc. (Harbor South)	1-511412	3330 S. Harbor Blvd, Santa Ana, CA 92704	325411	439.47	2	18	12			
Rolls-Royce High Temperature Composites, Inc.	1-600212	5730 Katella Ave, Cypress, CA 90630	541712	403.5(d)	2	6	1			Formerly listed as Rolls-Royce HTC
Rolls-Royce High Temperature Composites, Inc. (Fume Scrubber)	1-600213	5730 Katella Ave, Cypress, CA 90630	541712	403.5(d)	2	6	1			Formerly listed as Rolls-Royce HTC (fume scrubber)
Rountree / Wright Enterprises, LLC	1-111028	114 14th St, 12&14/113 LotBlk, Huntington Beach, CA 92648	211111	403.5(d)	2	10	2			
RP Finishing	Z-601358	1226 E. Ash Ave, Fullerton, CA 92831	332812	433.17(a)	0	0	0			
RSS Manufacturing	Z-600635	1261 Logan Ave, Costa Mesa, CA 92626	332913	433.17(a)	0	0	0			

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S & C Oil Company, Inc. (2)	1-601637	18742 Goldenwest St, Huntington Beach, CA 92649	211111	403.5(d)	2	8	2			
Safety-Kleen Systems, Inc.	1-600690	2170 S. Yale St, Santa Ana, CA 92704	562211	403.5(d)	2	10	2			
Sanitor Corporation	1-601267	8400 Cerritos Ave, Stanton, CA 90680	325620	417.86, 439.47	3	16	11			
Sanmina Corporation (Airway)	1-061008	2955 Airway Ave, Costa Mesa, CA 92626	334412	433.17(a)	2	16	10			
Sanmina Corporation (Redhill)	1-061009	2950 Red Hill Ave, Costa Mesa, CA 92626	334412	433.17(a)	2	16	10			
Santana Services	1-021016	1224 E. Ash Ave, Fullerton, CA 92831	332813	433.17(a)	2	9	4			
Scientific Spray Finishes, Inc.	1-031311	315 S. Richman Ave, Fullerton, CA 92832	332812	433.17(a)	1	17	4			
Semicoa	1-571313	333 McCormick Ave, Costa Mesa, CA 92626	334413	469.18(a)	3	26	5			Class 1 Permit Deactivated
Serrano Water District	1-021137	5454 Taft Ave, Orange, CA 92867	221310	403.5(d)	2	1	0			
SFPP, LP	1-021619	1350 N. Main St, Orange, CA 92867	493190	403.5(d)	2	0	0			
Shepard Bros., Inc.	1-031034	503 S. Cypress St, La Habra, CA 90631	325611	417.166, 417.176	1	13	2			
Shur-Lok Company	1-600297	2541 White Rd, Irvine, CA 92614	332721	433.17(a)	2	0	0			
Simply Fresh, LLC	1-600709	6535 Caballero Blvd, Buena Park, CA 90620	311421	403.5(d)	2	10	5			
Sirco Industrial, Inc.	1-600706	5312 System Dr, Huntington Beach, CA 92649	423830	403.5(d)	3	10	4			
Soldermask, Inc.	1-031341	17905 Metzler Ln, Huntington Beach, CA 92647	334412	433.17(a)	2	20	9			
South Coast Baking, LLC	1-600565	1711 Kettering St, Irvine, CA 92614	311821	403.5(d)	2	11	2	pH		

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South Coast Circuits, Inc. (Bldg 3500 Ste A)	1-601444	3500 W. Lake Center Dr, A Bldg, Santa Ana, CA 92704	334412	433.17(a)	2	15	13			
South Coast Circuits, Inc. (Bldg 3506 Ste A)	1-601446	3506 W. Lake Center Dr, A Bldg, Santa Ana, CA 92704	334412	433.17(a)	2	17	8			
South Coast Circuits, Inc. (Bldg 3512 Ste A)	1-601445	3512 W. Lake Center Dr, A Bldg, Santa Ana, CA 92704	334412	433.17(a)	2	13	13			
South Coast Circuits, Inc. (Bldg 3524 Ste A)	1-601447	3524 W. Lake Center Dr, A Bldg, Santa Ana, CA 92704	334412	433.17(a)	2	13	8			
South Coast Water	1-511405	401 S. Santa Fe St, Santa Ana, CA 92705	333318	403.5(d)	2	9	3			
Southern California Edison #1 (Mt)	1-031014	7301 Fenwick Ln, Westminster, CA 92683	811310	403.5(d)	2	8	1			
Southern California Edison #2 (Das)	1-031015	7351 Fenwick Ln, Westminster, CA 92683	811310	403.5(d)	2	8	1			
Southern California Edison #3 (Lars)	1-031016	7455 Fenwick Ln, Westminster, CA 92683	811310	403.5(d)	2	8	1			
Spectrum Paint And Powder, Inc.	Z-321822	1332 S. Allec St, Anaheim, CA 92805	332812	433.17(a)	2	0	0			
Speedy Metals, Inc. DBA Pacific Metal Cutting	1-600767	730 Monroe Way, Placentia, CA 92870	332710	403.5(d)	2	12	4			

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SPS Technologies LLC, DBA Cherry Aerospace	1-511381	1224 E. Warner Ave, Santa Ana, CA 92705	332722	433.17(a), 467.46, 467.66, 471.35(ee), 471.35(f), 471.35(ff), 471.35(j), 471.35(l), 471.35(m), 471.35(r), 471.35(s), 471.35(t), 471.35(u), 471.35(v), 471.35(w), 471.65(g), 471.65(i), 471.65(j), 471.65(m), 471.65(n), 471.65(p), 471.65(q), 471.65(r), 471.65(s), 471.65(x)	2	22	16			
Stainless Micro-Polish, Inc.	1-021672	1286 N. Grove St, Anaheim, CA 92806	332813	433.17(a)	3	16	4			
Star Manufacturing LLC, dba Commercial Metal Forming	1-600653	341 W. Collins Ave, Orange, CA 92867	332119	403.5(d)	4	10	27	O&G-min.		
Star Powder Coating, Inc.	1-531425	7601 Park Ave, Garden Grove, CA 92841	332812	433.17(a)	2	9	4			
Statek Corporation (Main)	1-021664	512 N. Main St, Orange, CA 92868	334419	433.17(a), 469.26(a)	2	15	3			
Statek Corporation (Orange Grove)	1-521777	1449 W. Orange Grove Ave, B Ste, Orange, CA 92868	334419	469.28(a)	3	14	1	pH		
Stepan Company	1-021674	1208 N. Patt St, Anaheim, CA 92801	325613	417.106, 417.146, 417.166	2	14	13			
Stremicks Heritage Foods, LLC	1-021028	4002 Westminster Ave, Santa Ana, CA 92703	311511	405.16, 405.26, 405.76	2	11	0			

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Facility	Permit No.	Address	NAICS Code	Regulation	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
Summit Interconnect, Inc.	1-600012	223 N. Crescent Way, Anaheim, CA 92801	334412	433.17(a)	2	18	10			
Summit Interconnect, Inc., Orange Division	1-600060	230 W. Bristol Ln, Orange, CA 92865	334412	433.17(a)	3	24	9			
Sunny Delight Beverages Co.	1-021045	1230 N. Tustin Ave, Anaheim, CA 92807	312111	403.5(d)	2	6	0			
Superior Connector Plating, Inc.	1-021090	1901 E. Cerritos Ave, Anaheim, CA 92805	332813	433.17(a)	5	17	37	Cadmium		Formerly listed as Superior Plating
Superior Processing (2)	1-601701	1115 Las Brisas Pl, Placentia, CA 92870	334412	433.17(a)	2	15	3	CN		
Tayco Engineering, Inc.	1-031012	10874 Hope St, Cypress, CA 90630	334513	433.17(a)	2	9	4			
Taylor-Dunn Manufacturing, LLC (waev)	1-601699	2114 W. Ball Rd, Anaheim, CA 92804	333924	433.17(a)	2	20	8			
Terra Universal, Inc.	1-601407	800 S. Raymond Ave, Fullerton, CA 92831	333999	433.17(a)	2	12	8			
Teva Parenteral Medicines, Inc.	1-141007	19 Hughes, Irvine, CA 92618	325412	439.47	3	22	5			
Thermal-Vac Technology, Inc.	1-021282	1221 W. Struck Ave, Orange, CA 92867	332410	433.17(a)	2	14	9	Nickel		
Thompson Energy Resources, LLC (Brea)	1-601469	3351 E. Birch St, Brea, CA 92821	211111	403.5(d)	2	15	3			
Timken Bearing Inspection, Inc.	1-531415	4422 Corporate Center Dr, Los Alamitos, CA 90720	336412	433.17(a)	2	13	5			
Tiodize Company, Inc.	1-111132	15701 Industry Ln, Huntington Beach, CA 92649	332813	433.17(a)	2	15	9			
Toyota Racing Development	1-071059	335 Baker St, Costa Mesa, CA 92626	336310	403.5(d)	2	9	8			
Transline Technology, Inc.	1-021202	1106 S. Technology Cir, Anaheim, CA 92805	334412	433.17(a)	2	16	4			
Tropitone Furniture Co., Inc.	1-141163	5 Marconi, Irvine, CA 92618	337124	433.17(a)	2	14	4			

APPENDIX 1
LIST OF SIGNIFICANT INDUSTRIAL USERS WITH MONITORING COMPLIANCE STATUS, JULY – DECEMBER 2022
ORANGE COUNTY SANITATION DISTRICT

Facility	Permit No.	Address	NAICS Code	Regulation	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
TTM Technologies North America, LLC. (Coronado)	1-521859	3140 E. Coronado St, Anaheim, CA 92806	334412	433.17(a)	6	22	10			
TTM Technologies North America, LLC. (Croddy)	1-511366	2645 Croddy Way, Santa Ana, CA 92704	334412	433.17(a)	2	15	10			
TTM Technologies North America, LLC. (Harbor)	1-511359	2640 S. Harbor Blvd, Santa Ana, CA 92704	334412	433.17(a)	2	15	10			
United Pharma, LLC	1-531418	2317 Moore Ave, Fullerton, CA 92833	325412	403.5(d)	2	10	2			
Universal Molding Co.	1-521836	1551 E. Orangethorpe Ave, Fullerton, CA 92831	332812	433.17(a)	1	13	1			
Van Law Food Products, Inc.	1-600810	2325 Moore Ave, Fullerton, CA 92833	311941	403.5(d)	1	11	0	pH		
Vi-Cal Metals, Inc.	1-521846	1400 N. Baxter St, Anaheim, CA 92806	423930	403.5(d)	3	7	0			
Vit-Best Nutrition, Inc.	1-600010	2832 Dow Ave, Tustin, CA 92780	325412	439.47	2	31	3			
Vit-Best Nutrition, Inc.	Z-600960	2802 Dow Ave, Tustin, CA 92780	325412	439.47	0	0	0			
Waste Management Collections & Recycling, Inc. DBA Sunset Environmental	1-601581	16122 Construction Cir, West, Irvine, CA 92606	562212	403.5(d)	3	15	3	Sulfide		
Weber Precision Graphics	1-011354	2730 Shannon St, Santa Ana, CA 92704	323113	403.5(d)	3	5	2	Nickel		
Weidemann Water Conditioners, Inc. (Anaheim)	1-600520	1260 N. Sunshine Way, Anaheim, CA 92806	333318	403.5(d)	2	10	2			
Weidemann Water Conditioners, Inc. (Fullerton)	1-021653	1702 E. Rossllynn Ave, Fullerton, CA 92831	333318	403.5(d)	0	0	0			Class 1 Permit Deactivated
West Newport Oil Company	1-061110	1080 W. 17th St, Costa Mesa, CA 92627	211111	403.5(d)	2	0	4			
Wilco-Placentia Oil Operator, LLC	1-521829	550 Richfield Rd, Placentia, CA 92870	211111	435.34(b)	2	14	2			
Winonics (Brea)	1-031035	660 N. Puente St, Brea, CA 92821	334412	433.17(a)	2	16	4			

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ORANGE COUNTY SANITATION DISTRICT

Facility	Permit No.	Address	NAICS Code	Regulation	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
Winonics, Inc.	1-021735	1257 S. State College Blvd, Fullerton, CA 92831	334412	433.17(a)	3	24	10			
Yakult USA, Inc.	1-521850	17235 Newhope St, Fountain Valley, CA 92708	311511	403.5(d)	2	10	5			
Zygo Corporation, division of Ametek, Inc.	1-601836	2031 Main St, Z Ste, Irvine, CA 92614	333314	433.17(a)	1	0	0			New Class 1 Permit Issued

Appendix 2. SAWPA Monitoring and Compliance Status Report

1st and 2nd Quarters
FY 2022/2023

APPENDIX 2
SANTA ANA WATERSHED PROJECT AUTHORITY (SAWPA) JULY 1, 2022 – DECEMBER 31, 2022
LIST OF SIUs WITH MONITORING COMPLIANCE STATUS

Facility Name	Member/ Contract Agency	Direct / Indirect Discharger	Permit No.	Physical Address	NAICS Code	Classification	Regulation	TTO Waiver Issued	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
Anita B. Smith Treatment Facility	Western	Direct	D1074-5	2100 Fleetwood Drive Jurupa Valley, CA 92509	221310	SIU	403.5(d)	-	2	4	2			
Aramark Uniform & Career Apparel, LLC	Western	Direct	D1004-2	1135 Hall Avenue Riverside, CA 92509	812332	SIU	403.5(d)	-	2	6	15			
California Institution for Men	IEUA	Direct	D1006-4	5997 Edison Avenue Chino, CA 91710	922140	SIU	403.5(d)	-	3	7	15			
Chino I Desalter	SAWPA	Direct	D1081-5	6905 Kimball Avenue Chino, CA 91709	221310	SIU	403.5(d)	-	2	4	2			
Chino II Desalter	SAWPA	Direct	D1010-5	11251 Harrel Street Jurupa Valley, CA 91752	221310	SIU	403.5(d)	-	2	8	4			
City of Beaumont Wastewater Treatment Plant	SAWPA	Direct	D1129-2	715 East 4th Street Beaumont, CA 92223	221320	SIU	403.5(d)	-	2	2	2			
City of Colton - Agua Mansa Power Plant	VALLEY	Direct	D1002-5	2040 W. Agua Mansa Road Colton, CA 92324	221122	SIU	403.5(d)	-	2	10	10			
Dart Container Corporation	Western	Direct	D1019-4	150 S. Maple Street Corona, CA 92880	326140	SIU	403.5(d)	-	2	4	10			
Del Real, LLC	JCSD	Direct	D1021-4	11041 Inland Avenue Jurupa Valley, CA 91752	311991	SIU	403.5(d)	-	2	14	14			
Eastside Water Treatment Plant	IEUA	Indirect	I1024-4	7537 Schaefer Avenue Ontario, CA 91761	221310	SIU	403.5(d)	-	2	9	28			SIU Permit Issued
EMWD Perris & Menifee Desalination Facility	SAWPA	Direct	D1061-5	29541 Murrieta Road Menifee, CA 92586	221310	SIU	403.5(d)	-	2	7	4			
Infineon Technologies Americas Corporation	EMWD	Indirect	I1039-4	41915 Business Park Drive Temecula, CA 92590	334413	CIU	469.18	Y	2	6	4			
In-N-Out Burger, Chino Distribution Center	IEUA	Direct	D1134-1	16000 Quality Way, Chino, CA 91708	493120 722513	SIU	403.5(d)	-	2	4	4			
JCSD Etiwanda Metering Station	SAWPA	Direct	D1044-5	Etiwanda Avenue and N. of Bellegrave Avenue Jurupa Valley, CA 91752	221320	SIU	403.5(d)	-	2	16	12			
JCSD Hamner Metering Station	SAWPA	Direct	D1045-5	5410 Hamner Avenue Eastvale, CA 91752	221320	SIU	403.5(d)	-	2	8	8			
JCSD Roger D. Teagarden Ion Exchange Water Treatment Plant	SAWPA	Direct	D1070-5	4150 Etiwanda Avenue Jurupa Valley, CA 91752	221310	SIU	403.5(d)	-	2	2	4			

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LIST OF SIUs WITH MONITORING COMPLIANCE STATUS

Facility Name	Member/ Contract Agency	Direct / Indirect Discharger	Permit No.	Physical Address	NAICS Code	Classification	Regulation	TTO Waiver Issued	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
JCSD Wells 17 & 18 Ion Exchange Treatment Facility	SAWPA	Direct	D1040-5	3474 De Forest Circle Jurupa Valley, CA 91752	221310	SIU	403.5(d)	-	2	0	0			
JCSD Wineville Metering Station	SAWPA	Direct	D1048-5	5101 Wineville Avenue Jurupa Valley, CA 91752	221320	SIU	403.5(d)	-	2	8	12			
Metal Container Corporation	JCSD	Direct	D1056-4	10980 Inland Avenue Jurupa Valley, CA 91752	332431	CIU	465.45(d)	-	2	14	8			
Mission Linen Supply	IEUA	Direct	D1057-5	5400 Alton Street Chino, CA 91710	812332	SIU	403.5(d)	-	2	20	25	1,4-Dioxane		
Mountainview Generating Station	VALLEY	Direct	D1058-3.1	2492 W. San Bernardino Ave. Redlands, CA 92374	221112	CIU	423.17	Y	2	10	11			
Niagara Bottling, LLC (IEUA)	IEUA	Indirect	I1114-3	1401 N. Alder Avenue Rialto, CA 92376	312112	SIU	403.5(d)	-	2	7	0	pH		
Niagara Bottling, LLC (SBMWD)	SBMWD	Indirect	I1111-3	1401 N. Alder Avenue Rialto, CA 92376	312112	SIU	403.5(d)	-	3	12	15	pH		
OLS Energy	IEUA	Direct	D1059-4	5601 Eucalyptus Avenue Chino, CA 91710	221112	CIU	423.17	-	2	17	22			
Pyrite Canyon Treatment Facility	SAWPA	Direct	D1079-5	3400 Pyrite Street Jurupa Valley, CA 92509	562910 562211	SIU	403.5(d)	-	2	17	126			
Rayne Water Conditioning	SBMWD	Indirect	I1066-4	939 W. Reece Street San Bernadino, CA 92411	238220 454390 561990	SIU	403.5(d)	-	2	12	4			
Repet, Inc.	IEUA	Direct	D1069-5	14207 Monte Vista Avenue Chino, CA 91710	423930	SIU	403.5(d)	-	2	19	19			
Rialto Bioenergy Facility, LLC	VALLEY	Direct	D1130-2	503 E. Santa Ana Avenue Bloomington, CA 92316	562219 221118 221320	SIU	403.5(d)	-	3	12	327	BOD & pH		
Temescal Desalter	Western	Direct	D1012-5	745 Public Safety Way Corona, CA 92880	221310	SIU	403.5(d)	-	2	4	2			
Wellington Foods, Inc.	Western	Direct	D1086-5	1930 California Avenue Corona, CA 92881	311999	SIU	403.5(d)	-	2	4	12			
WMWD Arlington Desalter	SAWPA	Direct	D1088-5	11611 Sterling Avenue Riverside, CA 92503	221310	SIU	403.5(d)	-	2	4	2			

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SANTA ANA WATERSHED PROJECT AUTHORITY (SAWPA) JULY 1, 2022 – DECEMBER 31, 2022
LIST OF SIUs WITH MONITORING COMPLIANCE STATUS

Facility Name	Member/ Contract Agency	Direct / Indirect Discharger	Permit No.	Physical Address	NAICS Code	Classification	Regulation	TTO Waiver Issued	No. of Inspections	Agency Samples	SMR Samples	Pollutant(s) in Discharge Violation	SNC Status	Comment
YVWD Henry Wochholz Regional Water Recycling Facility	SAWPA	Direct	D1090-4	880 W. County Line Road Calimesa, CA 92320	221320 221310	SIU	403.5(d)	-	2	4	4			

Abbreviations

CIU	Categorical Industrial User
EMWD	Eastern Municipal Water District
IEUA	Inland Empire Utilities Agency
JCSD	Jurupa Community Services District
NAICS	North American Industry Classification System
SAWPA	Santa Ana Watershed Project Authority
SBMWD	San Bernardino Municipal Water Department
SIU	Significant Industrial User
SMR	Self-Monitoring Report
SNC	Significant Noncompliance
TSS	Total Suspended Solids
TTO	Total Toxic Organics
Valley	San Bernardino Valley Municipal Water District