



2024-25

Annual Report

RESOURCE PROTECTION DIVISION

PRETREATMENT PROGRAM



October 31, 2025

Eric Lindberg, Executive Officer
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339

Subject: Board Order No. R8-2021-0010, NPDES No. CA0110604
FY 2024/25 Pretreatment Program Annual Report

In compliance with the requirements of NPDES Permit No. CA0110604, attached is the FY 2024/24 Pretreatment Program Annual Report for the period of July 1, 2024, through June 30, 2025. This report provides details of the Orange County Sanitation District's (OC San's) pretreatment program.

The attached annual report details OC San's pretreatment program's accomplishments in meeting OC San's requirements and objectives. It outlines the administration of the program, the resources allocated for management, the compliance status of industrial users, and the impact of source control efforts on the quality of wastewater and biosolids.

Some of the program's highlights for this fiscal year are summarized below:

- The program has continued to effectively reduce heavy metals discharges. Since 1976/77, the total mass of heavy metals entering OC San's system has decreased by 89% while the mass of metals discharged to the marine environment has decreased by 99%. The heavy metal levels in the influent to OC San's treatment plant consistently meet our NPDES effluent standards before any wastewater treatment occurs.
- During FY 2024/25, 1,543 facilities inspections were conducted, and 4,312 samples were collected for analysis. In addition to warning notices and self-monitoring notices, 357 separate enforcement actions were taken against noncompliant significant industrial users in FY 2024/25, including compliance meetings and inspections, and the issuance of fees, penalties, enforcement orders and administrative complaint settlements. Over \$98,044 in noncompliance fees and penalties were issued.
- During FY 2024/25, OC San continued its oversight of IRWD's and SAWPA's pretreatment programs. Information on IRWD and SAWPA can be found in Chapter 7 and Appendices G and H of this report.

Should you have any questions regarding the information provided in the report or wish to meet with OC San staff to discuss the report in more detail, please contact me at your convenience at (714) 593-7457.

Tom Meregillano
Environmental Protection Manager, Resource Protection Division

JAD:aps

c: EPA Region 9, CWA Compliance Officer
SWRCB, Pretreatment Program Manager
Submitted electronically to ciwqs.waterboards.ca.gov,
R9pretreatment@epa.gov, and NPDES_Wastewater@waterboards.ca.gov

October 31, 2025

Eric Lindberg, Executive Officer
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339

Subject: Board Order No. R8-2021-0010, NPDES No. CA0110604
Pretreatment Program Semi-Annual Report for the Period of January 1 through
June 30, 2025

As authorized by NPDES Permit No. CA0110604, the Pretreatment Program Semi-Annual Report information for January 1 through June 30, 2025 has been submitted as part of the Orange County Sanitation District's (OC San's) Pretreatment Program Annual Report for the period of July 1, 2024 through June 30, 2025. Enforcement action and compliance status information has been divided into appropriate six-month summaries.

Should you have any questions regarding the information provided in the report or wish to meet with OC San staff to discuss the report in more detail, please contact me at your convenience at (714) 593-7457.



Tom Meregillano
Environmental Protection Manager, Resource Protection Division

JAD:aps

c: EPA Region 9, CWA Compliance Officer
SWRCB, Pretreatment Program Manager
Submitted electronically to civqs.waterboards.ca.gov,
R9pretreatment@epa.gov, and NPDES_Wastewater@waterboards.ca.gov

**POTW PRETREATMENT PROGRAM ANNUAL REPORT
CERTIFICATION STATEMENT**

NPDES Permit Holder: Orange County Sanitation District
Report Due Date: October 31, 2025
Period Covered by this Report: July 2024 through June 2025
Period Covered by Previous Report: July 2023 through June 2024*
Name of Wastewater Treatment Plant(s): Reclamation Plant No. 1 and Treatment Plant No. 2
NPDES Permit Number: CA0110604

Person to contact concerning information contained in this report:

- Name: Tom Meregillano
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"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

October 31, 2025
Date



Tom Meregillano
Environmental Protection Manager, Source Control

*See Annual Report 2023-24, Orange County Sanitation District, submitted to EPA Region 9 and California Regional Water Quality Control Board, Santa Ana Region.

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List of Abbreviations

Acronym or abbreviation	Full phrase	Glossary
BMPs	Best Management Practices	
BOD	Biochemical Oxygen Demand	
CAN	Corrective Action Notice	
CCB	chlorine contact basin	
CCTV	closed-circuit television	
CDS	Continuous Deflective Separation	
CEPT	Chemically Enhanced Primary Treatment	
CGS	Central Power Generation System	
CIP	Clean in Place	
CIU	Categorical Industrial Users	
CNB	City of Newport Beach	
CWA	Clean Water Act	
CWEA	California Water Environment Association	
DAF	Dissolved Air Flotation	
ECSA	Enforcement Compliance Schedule Agreement	
EMWD	Eastern Municipal Water District	
EPA	Environmental Protection Agency	
EQ	exceptional quality	
ERP	Enforcement Response Plan	
FOG	fats, oils, and grease	
FSEs	Food Service Establishments	
FTE	full time equivalent	
FTU	fixed treatment unit	
FVM	fluvoxamine	
FY	fiscal year	
GAP	Green Acres Project	
GI	grease interceptors	
GIS	geographic information system	
GWRS	Groundwater Replenishment System	
HC	hydrocarbon	
ICP	Inductively Coupled Plasma	
IEUA	Inland Empire Utilities Agency	
IPA	isopropyl alcohol	
IRWD	Irvine Ranch Water District	
IU	Industrial User	
IUS	Industrial User Survey	
IX	Ion Exchange	
JCSD	Jurupa Community Services District	
JPA	Joint Powers Authority	

Acronym or abbreviation	Full phrase	Glossary
LACSD	Los Angeles County Sanitation Districts	
LAWD	Los Alisos Water District	
LAWRP	Los Alisos Water Reclamation Plant	
LWH	Liquid Waste Haulers	
MAHL	Maximum allowable headworks loading	
MAIL	Maximum allowable industrial loading	
MBR	Membrane Bioreactor	
MER	Mass Emission Rates	
MDL	method detection limits	
MGD	million gallons per day	
ML	minimum level	
MOUs	Memorandums of Understanding	
MPIO	Monitoring/Production Information Order (SAWPA only)	
MS4	Municipal Separate Storm Sewer System	
MWRP	Michelson Water Recycling Plant, IRWD	
NAICS	North American Industry Classification System	
NISC	Non-Industrial Source Control	
NOV	Notice of Violation	
NTU	nephelometric turbidity unit	
NPDES	National Pollutant Discharge Elimination System	
O&M	Operations and Maintenance	
OCA	Order for Corrective Action	
OCFCD	Orange County Flood Control District	
OCHCA	Orange County Health Care Agency	
OCPW	Orange County Public Works	
OCSD/OC San	Orange County Sanitation District	
OCTR	one-time compliance report	
OCWD	Orange County Water District	
ORP	oxidation-reduction potential	
OSHA	Occupational Safety & Health Administration	
PCB	polychlorinated biphenyls	
PERC	perchloroethylene	
POTW	Publicly Owned Treatment Works	
PPCDs	Pretreatment Program Control Documents	
PSES	Pretreatment Standards for Existing Sources	
PSNS	Pretreatment Standards for New Sources	
PTP	Potable Treatment Plant	
PTS	pretreatment systems	
RAS	Return Activated Sludge	
RCSA	Regulatory Compliance Schedule Agreement	
RL	reporting limit	

Acronym or abbreviation	Full phrase	Glossary
RO	reverse osmosis	
RPD	relative percent difference	
SARI	Santa Ana River (sometimes “Regional”) Interceptor	
SARWQCB, Regional Board	Santa Ana Regional Water Quality Control Board	
SAWPA	Santa Ana Watershed Project Authority	
SBMWD	San Bernardino Municipal Water Department	
SCAP	Southern California Alliance of Publicly Owned Treatment Works	
SCAQMD	South Coast Air Quality Management District	
SCE	Southern California Edison	
SCFCC	Supplemental Capacity Facilities Capacity Charge	
SIUs	Significant Industrial Users	✓
SLCP	Slug Load Control Plan	
SMR	Self-Monitoring Reports	
SNC	Significant Noncompliance	
SOCWA	South Orange County Wastewater Authority	
SPDP	Special Purpose Discharge Permit	✓
SS	suspended solids	
SSMP	Sewer System Management Plan	
SWRCB	State Water Resources Control Board	
SSOs	Sanitary Sewer Overflows	
TELL	Technical Evaluation of Local Limits	✓
TDS	Total Dissolved Solids	
TMDL	Total Maximum Daily Load	
TOMP	Toxic Organic Management Plan	
TRC	Technical Review Criteria	
TRLL	Technical Review of Local Limits	✓
TSS	Total Suspended Solids	
TST	Test of Significant Toxicity	
TTOs	Total Toxic Organics	✓
UV	ultraviolet	
Valley District	San Bernardino Valley Municipal Water District	
WDR	Waste Discharge Requirements	
Western Water	Western Municipal Water District	
WRCRWA SRPS	West Riverside County Regional Wastewater Authority South Regional Pumping Station	
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 OC San, its treatment processes or operations, or its biosolids processes, use, or disposal; or b) is a cause of a violation of any requirement of OC San'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 to a user by OC San to discharge unpolluted water, storm runoff, or groundwater to OC San's Sewerage Facilities.	Ordinance, Section 305

Term	Definition	Citation
Technical Evaluation of Local Limits	The technical evaluation of local limits is a study which develops enforceable local requirements to address Federal standards as well as State and local regulations including, but not limited to, passthrough and interference. The study takes into account influent loading, wastewater treatment and reclamation, source control, requirements imposed by the NPDES permit, Waste Discharge Requirements (WDR) orders, or agency policy.	Section 2.0 of 2014 Technical Memorandum No. 1 for OC San's then Local Limits Study and information from page 1-3 and 1-15 (Section 1.4.2.1) of the Dec 1987 Local Limit Guidance Manual
Technical Review of Local Limits	The technical review of local limits is a study which reviews changes that impact existing enforceable local requirements to address federal standards as well as state and local regulations including, but not limited to, Pass Through and Interference. The review takes into account impacts of influent loading, wastewater treatment and reclamation, source control, requirements imposed by the NPDES permit, Waste Discharge Requirements (WDR) orders, or agency policy since the last technical evaluation and may predicate a local limits update.	Section 2.0 of 2014 Technical Memorandum No. 1 for OC San's then Local Limits Study and information from page 1-3 and 1-15 (Section 1.4.2.1) of the Dec 1987 Local Limit Guidance Manual
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
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

Executive Summary

E.1 Background

Recognizing the need to control the quality and quantity of wastewaters discharged to the sewerage system, in February 1954, OC San's Board of Directors adopted the first ordinance regulating the use of the sewerage system. This ordinance was subsequently revised and amended in February 1958, April 1970, July 1976, July 1983, September 1989, February 1992, July 1998, July 2008, October 2009, July 2016, and most recently in July 2019 (collectively known as OC San's *Wastewater Discharge Regulations*, "Ordinance"). The 1970 revision formally established OC San's Industrial Waste Division to issue permits, set flow and quality limits, and monitor and inspect industrial discharges to the sewerage system. Substances monitored and regulated included: oil and grease of mineral and petroleum origin, organic materials, dissolved solids, suspended solids, phenolic compounds, radioactive wastes, combustible materials, and any other contaminants that had the potential to degrade wastewater treatment processes or cause problems in the sewerage facilities. In July 1976, the ordinance was revised to include heavy metal limits.

In July 1983, the Ordinance was further amended to include enforcement of the EPA's federal categorical pretreatment standards and to modify local discharge limits for cadmium, copper, polychlorinated biphenyls, pesticides, and Total Toxic Organics. OC San's pretreatment program was approved by the EPA in January 1984. In September 1989, the Ordinance was revised to streamline administrative and enforcement procedures, incorporate EPA regulations adopted since 1983, clarify the intent of the program through added definitions and procedures, and include Special Purpose Discharge Permit requirements and conditions. In February 1992, the Ordinance was amended to revise defined terms, initiate noncompliance sampling fees, and include language giving OC San authority to levy administrative penalties according to changes in state law enacted in January 1992. In July 1998, revisions were made primarily for the deletion of Class III permits, which were issued for the collection of user charges for the discharge of domestic waste. In July 2008, revisions were made regarding the application of tax credits for user charges, and to include Dry Weather Urban Runoff Diversion permit requirements and conditions. In October 2009, the Ordinance was revised to provide clarification regarding transfer of permit ownership. In February 2016, the Ordinance was revised to remove the numeric BOD concentration limit, the cyanide amenable and Total Toxic Organic limits; revised chromium and silver limits; and added 1,4-dioxane, molybdenum, and selenium limits. The most recent revision was adopted in May 2019, and became effective in July 2019, establishing additional discharge requirements and prohibitions but with no change to the local discharge limits.

E.2 Introduction

The fiscal year (FY) 2024/25 OC San Annual Report provides the following:

- Information about the industrial pretreatment program as required by OC San's National Pollutant Discharge Elimination System (NPDES) permit issued by the California Regional Water Quality Control Board, Santa Ana Region (SARWQCB), and the Environmental Protection Agency (EPA); and
- Information on how OC San's pretreatment program is administered; industrial permittees' compliance status; dischargers' effect on OC San's influent, effluent, and biosolids; the labor, equipment, and capital resources used for the program during the fiscal year; and other documentation.

E.2.1 Pretreatment Program Summary

Control of Pollutants

Since FY 1976/77, while Orange County's population has grown, the pretreatment program has been successful in reducing the average daily pounds of metals (described below) entering OC San's system by 89% and metals discharged to the marine environment by 99%. Over this time, individual effluent metals including cadmium, chromium, copper, silver, and lead have been reduced by greater than 99%, nickel by

97%, and zinc by 96% from historical levels. Long-term trends of heavy metals in the effluent show a steady decline since FY 1977 (see Figure ES-1).

OC San's pretreatment program has been effective in reducing the toxic priority pollutants discharged to the sewerage system. It has also been effective in protecting the collection, treatment, and disposal facilities from incidents of Pass Through or Interference, and it has enabled OC San to meet its NPDES ocean discharge limits. The quality of OC San's influent, effluent, and biosolids are evidence of the program's progress.

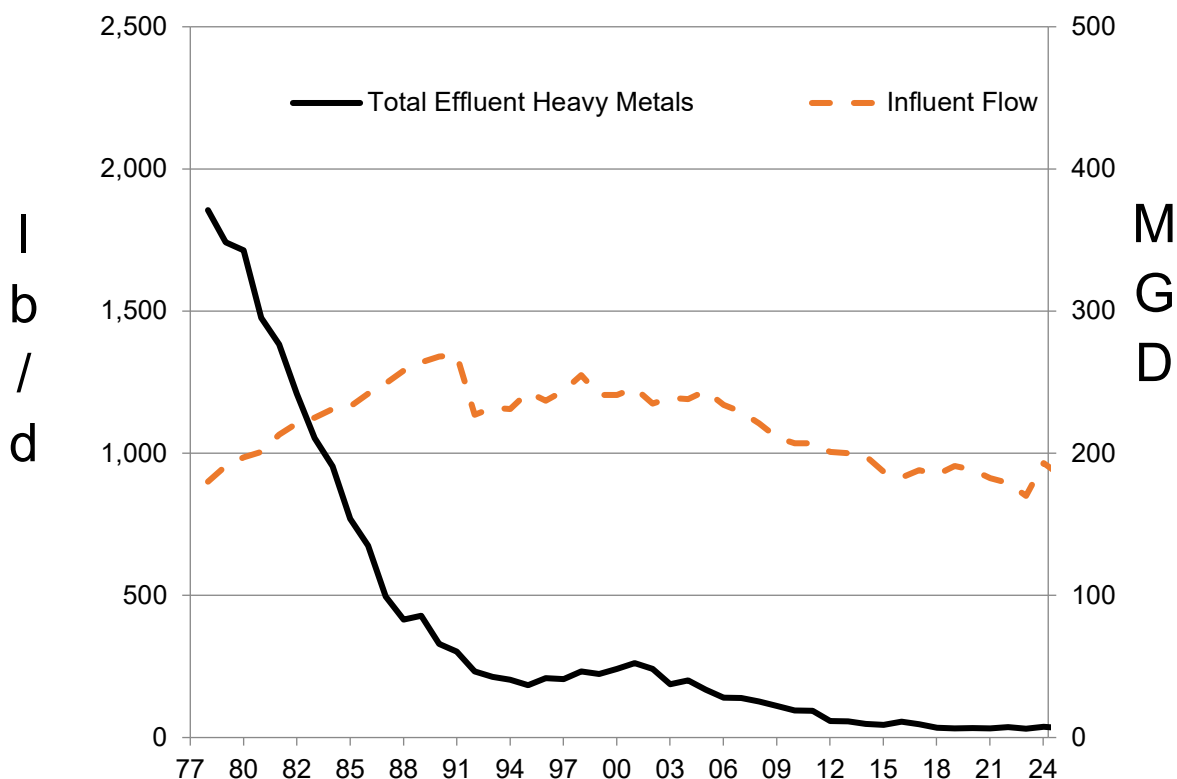


Figure ES-1 Heavy Metals Loading in Effluent (Cd, Cr, Cu, Pb, Ni, Ag, Zn) and Flows for Past Fiscal Years
Orange County Sanitation District

Permits

During FY 2024/25 OC San managed 542 active permits, of which there were 327 Class I permits, 14 Class II permits, 48 Wastehauler permits, 46 Special Purpose Discharge Permits, 21 Dry Weather Urban Runoff Diversion permits, 38 FOG (fats, oils, and grease) permits, and 48 zero-discharge certifications. This level of permit activity represents no significant change compared to the total number of active permits at the end of the previous fiscal year. Of the 327 Class I users, 210 were subject to Federal Categorical Pretreatment Standards.

Program Costs

The pretreatment program is funded by industrial permit fees, noncompliance sampling fees, and collection of user charges. The pretreatment program operating expenditures for the fiscal year, including laboratory analyses, totaled \$8,846,428.00. A total revenue of \$20,975,132.82 in sewer use charge payments was

received and over \$98,044.00 in noncompliance fees and penalties including Significant Noncompliance (SNC) reporting and publication fees, were issued through the pretreatment program.

Inspection, Sampling, and Enforcement

OC San performed 1,543 industrial inspections during the fiscal year, with the collection of 4,312 samples. 49 compliance inspections and 24 compliance meetings were held with significant industrial users (SIUs) to identify and assess noncompliance problems and propose long-term solutions. OC San conducted two covert downstream monitoring events. 15 SIU permittees of the 327 (4.6%) that were active in FY 2024/25 were determined to be in significant noncompliance and their names were published in the newspaper (Appendix A. Monitoring and Compliance Status Report).

Significant Changes in Operating the Pretreatment Program

There were no significant changes to the OC San Pretreatment Program during FY 2024/25.

E.2.2 Pretreatment Program Elements

OC San administers several different program elements designed to meet the goal of controlling discharges from industrial sources. These have a direct influence on OC San's ability to meet federal, ocean discharge, biosolids reuse and disposal, and water reclamation requirements.

Public Participation

OC San published those industries that were in significant noncompliance in the local newspaper.

Resource Protection Division staff routinely attend outside agency/association meetings, conferences, and workshops, serve on committees, and give presentations. By working with other agencies and professional associations OC San staff are aware of developing regulation, technological innovations, and future trends that may impact that OC San and the community we serve. Please see Chapter 9 for more information.

Wastehauler Program

During FY 2024/25, 45 wastehaulers were under permit with OC San and a total of 152 trucks were used to deliver the loads to OC San. During the past fiscal year, 7.8 million gallons of waste were discharged by permitted wastehaulers at the Plant No. 1 Wastehauler Station.

Total Toxic Organics Waiver Program

Permittees that have not shown detectable levels of total toxic organics (TTOs) based on results of wastewater discharge analytical data for at least one year are eligible to waive the self-monitoring requirement if it is certified that TTOs are not present or used at the facility. For FY 2024/25 OC San granted 99 companies TTO waivers.

Industrial Operations and Maintenance Improvement Program

The ongoing trend in industrial permittee discharge violations shows that most cases are due to inadequate operations and maintenance of permittee's pretreatment systems as well as operator error. This was recognized years ago, when the US EPA audit findings of 1998 recommended that OC San develop and implement an industrial operations and improvement program. In 1999/2000, OC San developed a plan that included outreach and operator training, and enforcement of requirements for operator and operations and maintenance practices that is still in effect today.

In 2019, OC San conducted a comprehensive training course for industrial wastewater treatment (pretreatment) operators currently employed by facilities holding a Class I Wastewater Discharge Permit. The course was conducted by an engineering services company (selected via bid process for a five-year contract in 2019). OC San provided this training, free of charge, to assist permittees to obtain and retain a qualified pretreatment operator and to reduce or eliminate noncompliance due to operation and maintenance and/or operator problems. The training course consisted of five 4.5-hour classes and a follow-up wastewater audit at the operator facility to ensure proper implementation of operation and maintenance

practices. Those that attended the classes, passed the exam and quizzes, and successfully fulfilled the audit requirements, received certificates of completion. This program was on hold during the COVID-19 pandemic and is under consideration to resume in the coming years.

Non-Industrial Source Control Program

Recognizing a need to address discharges from sources not covered by the traditional industrial Pretreatment Program (e.g., commercial and residential sources) in preparation for the initiation of GWRS, OC San established its Non-Industrial Source Control (NISC) Program in 2004. The purpose of OC San's NISC Program is to promote and implement the application of waste management strategies and practices that reduce or eliminate the generation of wastestreams at their sources, thereby reducing the volume and toxicity of wastestreams entering OC San's sewerage system. More details are available in Chapter 9.

E.2.3 Compliance with NPDES Discharge Requirements

There were no plant upsets, Interference, or Pass Through incidents attributable to industrial users in FY 2024/25.

Chapter 1. NPDES Requirements – Pretreatment

1.1 Pretreatment Requirements – Compliance with National Pollutant Discharge Elimination System (NPDES) Permit Requirements

This section is a summary of the pretreatment program requirements contained in OC San's NPDES Permit No. CA0110604 Order No. R8-2021-0010 (Permit), effective August 1, 2021, jointly issued by the SARWQCB and US EPA Region IX. The requirements for the industrial pretreatment program are listed in Sections V and VII of the Permit, as well as Attachment E and Attachment H. The requirements are shown below, using the corresponding numeration found in the Permit. Each requirement is followed by a summary of the activity that has resulted in OC San's compliance with Permit requirements, or a reference may be given where additional information can be found in this annual report.

Section V. Performance Goals and Mass Emission Benchmarks, B. Mass Emission Benchmarks – Discharge Point 001

The following 12-month average mass emission benchmarks for Discharge Point 001 (120" outfall) are prescribed below in Table 7. For each parameter with a mass emission benchmark, the Discharge shall report the annual mass emission and the effluent concentrations and flows used to calculate the annual mass emission in the annual pretreatment report and annual receiving water monitoring report (effluent chapter).

These mass emission benchmarks are not enforceable water quality-based effluent limitations. They may be re-evaluated and revised during the five-year permit term. For this Order/Permit, the mass emissions benchmarks (in metric tons per year; MT/yr) were determined based on 2015 through 2019 effluent mass emission and the Discharger's annual average influent flow of 206 MGD projected for 2025 (see section V of the fact sheet in Attachment F).

The mass emission benchmark information is contained in Chapter 2, Table 2.7 of this annual report. Performance goal information is contained in Section 2.8 and Table 2.12 of this report.

Section VII. Provisions, C. Special Provisions, 6. Special Provisions for Publicly Owned Treatment Works (POTWs), b. Pretreatment

The discharger shall implement and enforce its approved pretreatment program in accordance with federal pretreatment regulations (40 CFR § 403); pretreatment standards promulgated under CWA sections 307(b), 307(c), 307(d), and 402(b); pretreatment requirements specified under 40 CFR §122.44(j); and the requirements specified in Attachment H of this Order/Permit.

OC San has an ongoing commitment to meet the provisions of this requirement, and all pretreatment requirements are enforced as discussed throughout this report. The Ordinance contains specific provisions to meet the provisions of this requirement.

Attachment E – Monitoring and Reporting Program (MRP), IV. Effluent Monitoring Requirements, C. Mass Emission Benchmarks

Constituents that have been assigned Mass Emission Benchmarks are listed in the NPDES Order/Permit under Section V.B. The Mass Emission Benchmarks have been established for the discharge through Discharge Point 001 (120" outfall) and shall be reported in metric tons per year (MT/yr). The discharger shall monitor and report annually the mass emission rate for all constituents that have mass emission benchmarks. For each constituent, the 12-month average mass emission rate, and the effluent concentrations and flows used to calculate that mass emission rate shall be reported in the annual pretreatment report and annual receiving water monitoring report (effluent chapter).

The mass emission benchmark information is contained in Chapter 2, Table 2.7 of this annual report.

Attachment E – Monitoring and Reporting Program (MRP), XII. Reporting Requirements, B. Other Reports, 1. Pretreatment Report

By October 31st of each year, the Discharger shall submit annual pretreatment reports to the Santa Ana Water Board, the State Water Board, and USEPA, describing the Discharger's pretreatment activities over the previous OCSD fiscal year (July 1 through June 30). The annual reports shall contain, but not be limited to, the information required in the attached Pretreatment Reporting Requirements (Appendix H), or an approved revised version thereof. If the Discharger is not in compliance with any conditions or requirements of this Order/Permit, the Discharger shall include the reasons for noncompliance and shall state how and when the Discharger will comply with such conditions and requirements. Prior to the completion of the GWRS Final Expansion Project, the Discharger shall conduct an annual review of local limits under 40 CFR § 403.5(c)(1) and submit the results as part of the annual pretreatment report. Within two (2) years of the completion of the GWRS Final Expansion Project, the Discharger shall provide a written explanation of the need to revise local limits under 40 CFR § 403.5(c)(1).

OC San was in full compliance with all conditions and requirements of the Permit. OC San has an ongoing commitment to meet the provisions of this requirement as provided in this annual report. OC San has conducted its Technical Review of Local Limits as required, and the results are shown in Chapter 6.

Attachment H - Pretreatment

As described in section VII.C.6.b. of this Order/Permit, the Santa Ana Water Board and USEPA incorporates these pretreatment conditions as requirements of this Order/Permit.

I. General Pretreatment Requirements

A. The discharger shall be responsible and liable for the performance of all Control Authority pretreatment requirements contained in 40 CFR § 403, including any subsequent regulatory revisions to Part 403. Where Part 403 or subsequent revision places mandatory actions upon the Discharger as a Control Authority but does not specify a timetable for completion of the actions, the Discharger shall complete the required actions within one (1) year from the issuance date of this permit or the effective date of the Part 403 revisions, whichever comes later. For violations of pretreatment requirements, the Discharger shall be subject to enforcement actions, penalties, fines and other remedies by the USEPA or other appropriate parties, as provided in the Act. USEPA may initiate enforcement action against a nondomestic user for noncompliance with applicable standards and requirements as provided in the Act.

B. Prior to the completion of the GWRS Final Expansion project, the Discharger shall conduct annual Technical Review of local limits under 40 CFR § 403.5(c)(1) and submit the results as part of the annual pretreatment report. Within two (2) years of the completion of the GWRS Final Expansion project, the Discharger shall provide a written technical evaluation of the need to revise local limits under 40 CFR § 403.5(c)(1), as required in 40 CFR §122.33(j)(2)(ii).

See response above.

C. The Discharger shall enforce the requirements promulgated under CWA sections 307(b), 307(c), 307(d), and 402(b) with timely, appropriate and effective enforcement actions. The Discharger shall cause all nondomestic users subject to federal categorical standards to achieve compliance no later than the date specified in those requirements or, in the case of a new nondomestic user, upon commencement of the discharge.

OC San has an ongoing commitment to meet the provisions of this requirement, and all pretreatment requirements are enforced as discussed in Chapter 4 of this report. The Ordinance contains specific provisions for new dischargers that are more stringent than those required by 40 CFR 403.

The ongoing quarterly inspection, sampling, and monitoring program for each Class I permittee (Significant Industrial User, or SIU) ensures compliance with federal, state, and local regulations. The compliance status of all permittees subject to federal categorical standards are shown in the Fiscal Year 2024/25 List of SIUs with Monitoring and Compliance Status, presented in Appendix A of this report.

D. The Discharger shall perform the pretreatment functions as required in 40 CFR § 403 including, but not limited to:

1. Implement the necessary legal authorities as provided in 40 CFR § 403.8(f)(1);

The legal authorities are contained in OC San's 1983 Ordinance which were approved by EPA in January 1984 and affirmed during the May 1986 audit. Revised ordinances were adopted and became effective September 8, 1989, February 7, 1992, July 1, 1998, July 1, 2008, October 1, 2009, July 1, 2016, and most recently on July 1, 2019.

2. Enforce the pretreatment requirements under 40 CFR § 403.5 and 403.6;

The requirements to enforce and implement National Pretreatment Standards for general prohibitions and specific industrial subcategories are contained in OC San's Ordinance. Chapter 4 of this report describes OC San's enforcement efforts for FY 2024/25.

3. Implement the programmatic functions as provided in 40 CFR § 403.8(f)(2); and

The required functions include the identification, quantification, permitting, and enforcement of the standards set forth in OC San's Ordinance. Chapter 3 and Chapter 4 of this report describe the permitting and enforcement efforts for FY 2024/25.

4. Provide the requisite funding and personnel to implement the pretreatment program as provided in 40 CFR § 403.8(f)(3).

The pretreatment program is funded by industrial permit fees, noncompliance sampling fees, and sewer use charges. The pretreatment program's operating expenditures for FY 2024/25, including laboratory analyses, totaled \$8,846,428. Chapter 1 of this report provides additional details.

E. The Discharger shall submit annually a report to USEPA and the Santa Ana Water Board describing its pretreatment activities over the previous year. In the event the Discharger is not in compliance with any conditions or requirements of this Order/Permit, then the Discharger shall also include the reasons for noncompliance and state how and when the Discharger shall comply with such conditions and requirements. This annual report shall cover operations from July 1 through June 30 and is due on October 31st of each year. The report shall contain, but not be limited to, the following information:

1. A summary of analytical results from representative, flow proportioned, 24-hour composite sampling of the POTW's influent and effluent for those pollutants USEPA has identified under CWA section 307(a) which are known or suspected to be discharged by nondomestic users. This will consist of an annual full priority pollutant scan, with quarterly samples analyzed only for those pollutants detected in the full scan. The Discharger is not required to sample and analyze for asbestos. Sludge sampling and analysis are covered in the sludge section of this Order/Permit. The Discharger shall also provide any influent or effluent monitoring data for nonpriority pollutants which the Discharger believes may be causing or contributing to interference or pass-through. Sampling and analysis shall be performed with the techniques prescribed in 40 CFR § 136.

The influent, effluent, and biosolids sampling information is provided in Chapter 2, Chapter 8, and Appendix B of this annual report.

2. A discussion of Upset, Interference, or Pass Through incidents, if any, at the treatment plant which the Discharger knows or suspects were caused by nondomestic users of the POTW system. The discussion shall include the reasons why the incidents occurred, the corrective actions taken and, if known, the name and address of the nondomestic user(s)

responsible. The discussion shall also include a review of the applicable pollutant limitations to determine whether any additional limitations, or changes to existing requirements, may be necessary to prevent Pass Through or Interference.

There were no plant upsets, Interference, or Pass Through incidents attributable to industrial users in FY 2024/25.

3. An updated list of the Discharger's significant industrial users (SIUs) including their names and addresses, and a list of deletions, additions and SIU name changes keyed to the previously submitted list. The Discharger shall provide a brief explanation for each change. The list shall identify the SIUs subject to federal categorical standards by specifying which set(s) of standards are applicable to each SIU. The list shall also indicate which SIUs are subject to local limitations.

Appendix A of this report, the Monitoring and Compliance Status Report, provides an updated list of SIUs and identifies the local or set of categorical standards applicable to each SIU.

4. The Discharger shall characterize the compliance status of each SIU by providing a list or table which includes the following information: Name of the SIU, category, if subject to federal categorical standards; type of wastewater treatment or control processes in place; number of samples taken by the POTW during the year; number of samples taken by the SIU during the year; for an SIU subject to discharge requirements for total toxic organics, whether all required certifications were provided; a list of the standards violated during the year, where categorical standards and/or local limits violations are identified; whether the facility is in significant noncompliance (SNC) as defined at 40 CFR § 403.8(f)(2)(viii) at any time during the year; and summary of enforcement or other actions taken during the year to return the SIU to compliance, where the type of action, final compliance date, and the amount of fines and penalties collected, if any, are described, including any proposed actions for bringing the SIU into compliance.

This annual report contains all items listed above. SIU names, categories, number of samples and inspections, violations, and SNC status are shown in Appendix A. SIU wastewater treatment is shown in Appendix J, Total Toxic Organic waivers are shown in Chapter 6, and enforcement actions are shown in Chapter 4 and Appendix D.

5. A brief description of any programs the POTW implements to reduce pollutants from nondomestic users that are not classified as SIUs.

The activities for OC San's pollution prevention programs and non-industrial source control are discussed in Chapter 6 and Chapter 9.

6. A brief description of any significant changes in operating the pretreatment program which differ from the previous year including, but not limited to, changes concerning the program's administrative structure, local limits, monitoring program or monitoring frequencies, legal authority, enforcement policy, funding levels, or staffing levels;

There were no significant changes to the pretreatment program as shown in Chapter 6.

7. A summary of the annual mass emission, and the effluent concentrations and flows used to calculate the annual mass emission (see section V.B. of the Order/Permit);

A summary of the annual mass emission, and effluent concentrations and flows used to calculate annual mass emission can be found in Chapter 2 of this annual report.

8. A summary of the annual pretreatment budget, including the cost of pretreatment program functions and equipment purchases;

For FY 2024/254, the operating expenses for the pretreatment program totaled \$8,846,428. Additional information on pretreatment program costs and purchases are shown in Chapter 1 of this report.

9. A summary of activities to involve and inform the public of the program including a copy of the newspaper notice, if any, required under 40 CFR § 403.8(f)(2)(viii); and

A copy of the significant noncompliance (SNC) notice for the newspaper publication can be found in Appendix E.

10. Results from annual Technical Review of local limits which is conducted under 40 CFR § 403.5(c)(1). See Section I.B of Attachment H.

The results from annual Technical Review of Local Limits can be found in Chapter 6 of this annual report.

Chapter 2. OC San Facilities and Compliance with Discharge Requirements

2.1 Introduction

OC San is responsible for collecting, transporting, and treating wastewater, as well as reusing or disposing of treated wastewater and the separated solids in accordance with all applicable federal, state, and local laws and regulations. The following pages represent a summary of the operation of the wastewater treatment and collection facilities, historical data, and the regulatory compliance record for the period of July 1, 2024 through June 30, 2025 (FY 2024/25). OC San is also enrolled in the statewide Waste Discharge Requirements program for sanitary sewers.

OC San operates and maintains Reclamation Plant Nos. 1 and 2, 389 miles of sewers, and 15 outlying pump stations. The treatment plants and pump stations are supervised, operated, and maintained by highly trained professionals with appropriate certifications from the California State Water Resources Control Board for treatment plant operators, and voluntary certifications from the California Water Environment Association.

The treated wastewater is either discharged into the Pacific Ocean in strict and consistent compliance with state and federal requirements as set forth in the Permit or directed to the Orange County Water District (OCWD) for reclamation. Approximately 154 million gallons per day (MGD) of treated wastewater was routed to facilities operated by OCWD during FY 2024/25. The Groundwater Replenishment System (GWRS) produces purified recycled water used to recharge the Orange County Groundwater Basin and protect it from degradation due to seawater intrusion. As of June 2025, GWRS produced 91 MGD of reclaimed water.

During FY 2024/25, OC San beneficially recycled 100% of the dewatered biosolids for use as agricultural soil amendments and compost products. Biosolids production for FY 2024/25 was approximately 183,731 wet tons, a 1.8% reduction from 187,156 wet tons in FY 2023/24. Biosolids production, including digester cleanings, was approximately 185,255 wet tons in FY 2024/25, a 3.3% reduction from 191,557 wet tons in FY 2023/24. Solids content was 24% for Plant No. 1 and 27% for Plant No. 2. Two management options (land application and composting) were utilized through five vendor contracts in two states and three counties. Grit and screenings are transported under contract for landfill disposal. Debris and grit removed from the sewer during cleaning are dried at Plant No. 1 and then hauled to landfill for disposal.

OC San's primary and secondary treatment, digestion, and dewatering facilities were all operated within their respective design capacities for the entire fiscal year.

2.2 Existing OC San Facilities

OC San's operations start with the collection of wastewater from the residential, commercial, and industrial customers in 20 cities, four special districts, and portions of unincorporated Orange County. The average daily flow tributary to OC San per year since 1997 is shown in Table 2.1.

Table 2.1 Average Daily Influent and Effluent Flow in Million Gallons per Day (MGD) Fiscal Year 1996/97-2024/25 Orange County Sanitation District					
FY	Influent (MGD)	Effluent (MGD)	FY	Influent (MGD)	Effluent (MGD)
1997	244	242	2012	201	139
1998	255 ^c	255	2013 ^a	200	137
1999	241	239	2014 ^a	198	137
2000	241	236	2015 ^{a,e}	187	117
2001	246	244	2016 ^{a,e}	183	92
2002	235	231	2017 ^{a,c}	188	101
2003	239	235	2018 ^{a,c}	185	88
2004	238	238	2019 ^c	191	104
2005	244	247 ^b	2020 ^a	188	101
2006	234	235	2021 ^a	182	91
2007	229	232 ^b	2022 ^a	179	94
2008	221 ^a	212 ^d	2023 ^{a,c}	186	102
2009	211 ^a	167	2024 ^{c,f}	193	101
2010	207 ^c	152	2025	184	85
2011 ^a	207	152			

a. Decreases due to drought; less infiltration due to drier soils and business recession.

b. There was more effluent than influent due to in-plant construction and dewatering that was discharged downstream of influent metering.

c. El Niño (wet year).

d. Beginning in 2008, more influent than effluent due to Groundwater Replenishment System.

e. GWRS Initial Expansion came online, so even less effluent was discharged as more water was reclaimed.

f. GWRS Final Expansion came online in December 2023; however, issues that prevent the full extent of water reclamation occur, so no major impact to the effluent is seen yet.

2.2.1 Description of Treatment Plants

Based on population served, OC San is one of the largest wastewater facilities in the United States. The network of interceptor sewers, treatment units, and disposal systems are quite complex. The following sections provide an overview of the treatment facilities.

2.2.1.1 Reclamation Plant No. 1

Reclamation Plant No. 1 is located in the City of Fountain Valley, adjacent to the Santa Ana River. The metering and diversion structure, constructed in 1974, allows the excess wastewater from any of the six trunk sewers tributary to Plant No. 1 to be diverted to Plant No. 2 to avoid overloading Plant No. 1 and to provide for maintenance and construction activities. The metering and diversion structure also contains pH, conductivity, and flow meters to monitor the incoming wastewater on each trunk sewer. The operational flexibility also allows Plant No. 1 to provide the highest quality of wastewater for reclamation at OCWD. Flows from the Santa Ana River Interceptor trunkline, which contains Santa Ana Watershed Project Authority (SAWPA) discharges, are diverted to Plant No. 2.

The wastewater flows through bar screens with 5/8-inch-wide openings where large solids (e.g., rags, non-dispersible materials, plastics, grease chunks) are removed. Wastewater is then pumped to aerated grit chambers where the velocity of the water is slowed to allow coffee grounds, seeds, sand, gravel, and other heavy particulate debris to settle out. All the screenings and grit are hauled by a contractor to a landfill for disposal. Foul air at the treatment plants is captured from the trunk sewers at the metering and diversion structure, headworks structures, and grit chambers for treatment in the odor control chemical scrubbers. Five main sewage pumps (four on-duty and one standby) lift flow to the grit chambers.

For improved performance, OC San conducts chemically enhanced primary treatment (CEPT). Ferric chloride and anionic polymer are added to the primary clarifiers to enhance settling of the organic solids.

Each primary clarifier is covered to capture foul air for treatment in scrubbers. Plant No. 1 has a primary treatment capacity of 204 MGD.

During FY 2024/25, 100% of the Plant No. 1 primary effluent received secondary (biological) treatment either in a conventional air-activated sludge secondary treatment process or in trickling filters. An average of 154 MGD of the secondary treated water from both Plant Nos. 1 and 2 was pumped to OCWD's GWRS and the Green Acres Project (GAP) for advanced tertiary treatment. Advanced tertiary treatment prepares the water for injection into the groundwater as a barrier against saltwater intrusion, and for percolation to the aquifer for water reclamation and reuse. OCWD also provides GAP water for industrial uses to OC San. The balance of Plant No. 1 secondary effluent flows by gravity to Plant No. 2 where it is blended with treated wastewater from Plant No. 2 prior to pumping and ocean discharge.

Solids collected in the primary and secondary clarifiers are pumped to anaerobic digesters for organic waste stabilization and pathogen destruction at 98 degrees Fahrenheit (°F). Following digestion, the sludge is dewatered using a centrifuge process. The centrifuge-dewatered biosolids are removed by private contractors. Stabilization results in the production of digester gas, a fuel which is approximately 61% methane and 38% carbon dioxide. This fuel has a heating value of about 621 British thermal units per cubic foot (BTU/cu. ft.). The primary and secondary sludge is blended and thickened in the thickening centrifuge units prior to digestion. Digester gas is collected, compressed, cleaned, and distributed to the Central Power Generation System (CGS) at each plant as a renewable fuel for energy generation.

In a typical year at Plant No. 1, natural gas and digester gas fuel three internal combustion engines that power 2,500 kilowatt (kW) electric generators. From October through May only two of the three engine generators operate at one time to meet air quality permit limits. During summer months (June – September), the plant's power balance is supported by two engines operating during peak hours and battery back-up. Three engines online can only be run during certain contractually-agreed upon situations. Supplemental power was purchased from Southern California Edison (SCE) to provide for the remainder of the Plant No. 1 energy demand. The internal combustion engines were fueled primarily with digester gas, with a small amount (approximately 5-10%) of purchased natural gas added to aid combustion.

2.2.1.2 Reclamation Plant No. 2

Reclamation Plant No. 2 is located in the City of Huntington Beach near the mouth of the Santa Ana River. Five trunk sewers transport wastewater into Headworks D facility, which contains pH, conductivity, and flow meters, along with six mechanically-cleaned bar screens, seven main sewage pumps, and six grit tanks. All screenings and grit are hauled by a private contractor to a landfill for disposal. The foul air from the headworks, grit tanks, and primary sedimentation basins is collected for treatment in a combination of chemical scrubbers and bio-towers. Influent to Plant No. 2 is split into reclaimable and non-reclaimable flows. Reclaimable flows receive secondary treatment and then are directed to OCWD's GWRS. Non-reclaimable flows receive secondary treatment, are combined with other Plant No. 1 wastestreams, and are discharged to the ocean outfall.

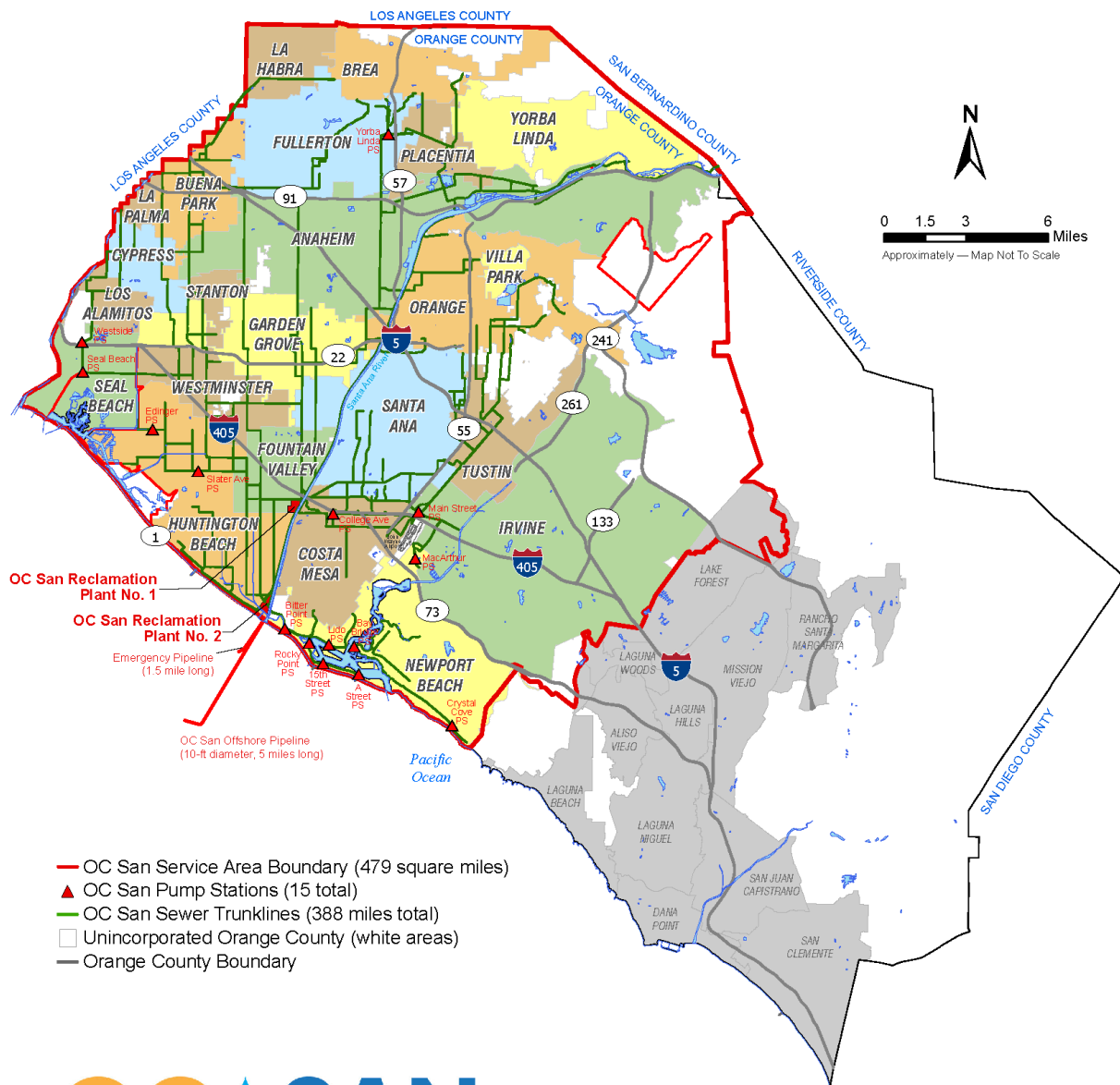
Ferric chloride and anionic polymer are used to enhance the settling of solids during primary treatment. Settleable and suspended solids, and floatable particulates are removed from the wastewater in primary sedimentation basins and pumped to anaerobic digesters for stabilization. Plant No. 2 primary effluent receives 100% secondary treatment in either an oxygen-activated sludge process or trickling filters.

Sludge from the primary and secondary settling basins is treated in anaerobic digesters. Secondary sludge is thickened in Dissolved Air Flotation (DAF) units prior to digestion. Following digestion, the sludge is dewatered using a dewatering centrifuge process. The centrifuge-dewatered biosolids are removed by private contractors.

The Plant No. 2 Central Power Generation System has five internal combustion engines that power five 3,000 kW electric generators and a 1,000-kW steam turbine powered by engine exhaust waste heat. During summer months (June – September), three engines operate during peak hours on weekdays and two engines operate during weekends and on holidays. At all other times, two engines are running unless three are required to consume excess digester gas. During periods of lower demand, excess power is sold to

SCE, and is imported during periods of high demand. The internal combustion engines are fueled primarily with digester gas, with a small amount (approximately 5-10%) of natural gas.

Orange County Sanitation District Service Area and Treatment Plant Locations in Orange County, California



SOURCE: OC San GIS Data, TomTom®
REVISED: December 2024

Figure 2-1 Map of Orange County Sanitation District's Service Area
Orange County Sanitation District

2.2.1.3 Joint Works Facilities

Facilities common to both plants are designated as Joint Works Facilities. These include the bypass sewer to divert wastewater from Plant No. 1 to Plant No. 2, effluent lines to convey treated wastewater from Plant No. 1 to Plant No. 2 for ocean discharge, a fiber optic cable line for interplant communication, digester gas transmission and storage line, two outfall pumping stations, two ocean outfalls (designated in the NPDES permit as Discharge Points 001 and 002), and the emergency gravity overflow flap gate valves into the Santa Ana River (Discharge Point 003).

Treated secondary effluent from Plants Nos. 1 and 2 is pumped to OC San's main discharge point, the 120-inch diameter, 5-mile long ocean outfall (the last mile of which is a diffuser with 503 ports that provides a minimum dilution of 181:1). During FY 2024/25 all influent received secondary treatment.

2.3 Compliance with National Pollutant Discharge Elimination System (NPDES) Requirements

This section provides a summary of limitations in OC San's NPDES permit (Order No. R8-2021-0010, NPDES Permit No. CA0110604, effective on August 1, 2021). Table 2.2 shows NPDES Permit discharge requirements and OC San's annual average influent and final effluent discharge values for this reporting period.

Table 2.2 NPDES Permit Discharge Requirements and OC San's Annual Average Influent and Final Effluent Discharge Values for Fiscal Year 2024/25
Orange County Sanitation District

Constituent	OC San's Combined Influent Annual Average	NPDES Permit Discharge Requirement			Final Effluent Annual Average ^A	OC San's Compliance with NPDES Permit Limits
		30-Day Average	7-Day Average	Instantaneous Maximum		
Flow (MGD)	184	--	--	--	85	NA
BOD-C (mg/L)	269 ^E	25	40	--	6.6	Yes
BOD-C (lb/d)	--	42,951	68,722	--	4,530	Yes
BOD-C (percent removal)	--	>85 ^B	--	--	98.7	Yes
Suspended solids (mg/L)	306 ^E	30	45	--	5.0	Yes
Suspended solids (lb/d)	--	51,541	77,312	--	3,896	Yes
TSS (percent removal)	--	>85 ^B	--	--	99.2	Yes
Grease and oil (mg/L)	--	25	40	75	0.8	Yes
Grease and oil (lb/d)	--	42,951	68,722	128,853	575	Yes
Settleable solids (mL/L)	--	1.0	1.5	3.0	ND	Yes
Toxicity (acute)	--	--	--	Pass/Fail	Pass	Yes
Toxicity (chronic)	--	--	--	Pass/Fail	Pass	Yes
Turbidity (NTU)	--	75	100	225	2.4	Yes
pH	7.4 (P1), 7.6 (P2)	6.0 to 9.0	6.0 to 9.0	9.0	7.5	Yes
Total Chlorine Residual (mg/L)	--	0.36 ^C	--	10.86; D _{max} = 1.45	0.09 ^C	Yes
Total Chlorine Residual (lb/d)	--	618 ^C	--	18,658; D _{max} = 2,491	69 ^C	Yes
Benzidine (µg/L)	ND	0.0125	--	--	ND	Yes
Benzidine (lb/d)	--	0.0215	--	--	--	Yes
Hexachlorobenzene (µg/L)	ND	0.0380	--	--	ND	Yes
Hexachlorobenzene (lb/d)	--	0.0653	--	--	--	Yes
PCBs (µg/L)	ND	0.0034	--	--	ND	Yes
PCBs (lb/d)	--	0.0058	--	--	--	Yes
TCDD equivalents (pg/L)	NR	0.7059	--	--	ND	Yes
TCDD equivalents (lb/d) ^D	--	0.0000012	--	--	--	Yes
Toxaphene (µg/L)	NR	0.0380	--	--	ND	Yes
Toxaphene (lb/d)	--	0.0653	--	--	--	Yes

Final effluent was compliant with NPDES permit limitations. Additional influent/effluent data is shown in Appendix B

-- Not determined

^A Based on the average of the values reported to the California Integrated Water Quality System Project (CIWQS) in the Electronic Self-Monitoring Report (eSMR).

^B Monthly average minimum

^C 6-month median

^D lb/d = pounds per day

^E Weighted average based on respective influent flow quantities

ND Not detected

NR Not required. The NPDES permit requires monitoring and analysis of TCDD equivalents in effluent only.

NA Not applicable

2.4 Effluent Characteristics

2.4.1 General

The OC San NPDES permit establishes water quality effluent constituent compliance limits for relevant wastewater parameters and toxic materials. The following sections represent a review of the current and historical compliance status for the relevant wastewater parameters. OC San's annual average daily influent and final effluent for suspended solids and carbonaceous BOD (BOD-C) for the past five fiscal years are shown in Table 2.3.

2.4.2 Suspended Solids

During FY 2024/25, the suspended solids discharge was in compliance with Permit effluent limits. The final effluent monthly average suspended solids concentration of 5.0 milligrams per liter (mg/L) for a monthly average discharge mass emissions rate of 3,896 pounds per day (lb/d) during FY 2024/25 is 17% of the allowable 30-day average concentration limit of 30 mg/L, and 8% of the mass emissions limit of 51,541 lb/d. A summary of the suspended solids data for the past five years is shown in Table 2.3.

2.4.3 Carbonaceous Biochemical Oxygen Demand (BOD-C)

The current 30-day average discharge permit limit for carbonaceous BOD is 25 mg/L. The discharge was in compliance for FY 2024/25. The final effluent 30-day average for FY 2024/25 was 6.6 mg/L with a removal rate of 99%. A summary of the carbonaceous BOD data for the past five years is shown in Table 2.3.

Table 2.3 Suspended Solids and BOD-C Annual Average Daily Influent and Final Effluent for Fiscal Years 2020/21 – 2024/25 Orange County Sanitation District								
FY	Suspended Solids				BOD-C			
	Influent		Effluent		Influent		Effluent	
	mg/L	lb/d	mg/L	lb/d	mg/L	lb/d	mg/L	lb/d
2020/21	315	478,130	5.4	4,116	211	320,270	6.4	4,858
2021/22	332	503,930	5.8	4,566	205	311,160	9.3	6,778
2022/23	290	450,151	6.6	5,618	231	358,568	9.7	8,257
2023/24	283	455,320	6.4	5,526	214	343,255	7.9	6,221
2024/25	306	469,704	5.0	3,896	269	413,673	6.6	4,530

2.4.4 Oil and Grease

The 30-day effluent limit for oil and grease is 25 mg/L and 42,951 lb/d. The average oil and grease was measured at 0.8 mg/L in the treated effluent during this fiscal year.

2.4.5 Settleable Solids

The 30-day average limit for settleable solids is 1.0 milliliter per liter (mL/L) with a maximum at any time of 3.0 mL/L. The FY 2024/25 average for settleable solids was non-detectable. A summary of the annual average settleable solids data for the past five years is shown in Table 2.4.

2.4.6 Turbidity

Turbidity is a measurement of the microscopic, suspended solids or finely divided silty particles in water discharged to the ocean. The compliance limit for turbidity is 75 nephelometric turbidity units (NTU) based on a 30-day average. The FY 2024/25 average turbidity was 2.4 NTU. A summary of the turbidity data for the past five years is shown in Table 2.4.

2.4.7 pH

Pursuant to the Permit, the pH of the ocean discharge shall neither exceed 9.0 nor be less than 6.0. The final effluent was in compliance throughout FY 2024/25. The annual average pH was 7.5, which is well

within the pH effluent limits. The ocean discharge pH has remained relatively constant over the past five years, as summarized in Table 2.4.

Table 2.4 Settleable Solids, Turbidity, and pH, Average Final Effluent for Fiscal Year 2020/21 – 2024/25 Orange County Sanitation District			
FY	Settleable Solids (mL/L)	Turbidity (NTU)	pH
2020/21	ND	3.0	8.1
2021/22	ND	2.6	7.5
2022/23	ND	3.4	7.5
2023/24	ND	3.2	7.5
2024/25	ND	2.4	7.5

2.4.8 Toxicity

OC San's NPDES permit requires that the final effluent be tested once per month for chronic toxicity, and quarterly for acute toxicity. Results of acute and chronic tests are reported as either a "Pass" or "Fail" following the Test of Significant Toxicity (TST) hypothesis testing approach described in the National Pollutant Discharge Elimination System Test of Significant Toxicity Implementation Document (USEPA 833-R-10-003, 2010).

Every calendar year the final effluent must be tested using each of the species listed in the NPDES permit to determine which species is most sensitive to the final effluent. The most sensitive test species is then used as the test organism for monthly and quarterly testing. In July 2024, acute toxicity tests were performed with topsmelt (*Atherinops affinis*) and the mysid crustacean (*Americamysis bahia*) to determine the most sensitive acute test species. The results demonstrated that *Atherinops affinis* was the most sensitive species for the acute test. As such, all FY 2024/25 quarterly tests continued to be performed with *Atherinops affinis* as the most sensitive test species.

In July 2024, chronic toxicity tests were performed with giant kelp (*Macrocystis pyrifera*), purple sea urchin (*Strongylocentrotus purpuratus*), topsmelt (*Atherinops affinis*), and inland silverside (*Menidia beryllina*) to determine the most sensitive chronic test species. The reference toxicant test for the *Atherinops affinis* did not meet all test acceptability criteria and was deemed invalid; therefore, the results for *Menidia beryllina* were used as a proxy for *Atherinops affinis* as it is an EPA-approved backup vertebrate species. The results demonstrated that *Menidia beryllina* was the most sensitive species for the chronic test. Since *Menidia beryllina* is only an EPA-approved backup species in the event of an invalid *Atherinops affinis* test, *Atherinops affinis* was used as the most sensitive species for monthly chronic testing in FY 2024/25.

Table 2.5 summarizes the toxicity testing results for FY 2020/21 through FY 2024/25. All four acute toxicity tests and all 12 chronic toxicity tests for FY 2024/25 passed the TST, indicating no observable final effluent toxicity overall.

Table 2.5 Final Effluent Yearly Toxicity Results for Fiscal Years 2020/21-2024/25 Orange County Sanitation District		
FY	Test Species	Summary of Toxicity Results
2020/21	Acute (<i>Atherinops affinis</i>)	Pass
	Chronic (<i>Strongylocentrotus purpuratus</i>)	Pass
2021/22	Acute (<i>Atherinops affinis</i>)	Pass
	Chronic (<i>Strongylocentrotus purpuratus</i>)	Pass
2022/23 ⁽¹⁾	Acute (<i>Atherinops affinis</i>)	Pass
	Chronic (<i>Strongylocentrotus purpuratus</i> & <i>Macrocystis pyrifera</i>)	Pass
2023/24 ⁽²⁾	Acute (<i>Atherinops affinis</i>)	Pass
	Chronic (<i>Macrocystis pyrifera</i> & <i>Atherinops affinis</i>)	Pass
2024/25 ⁽³⁾	Acute (<i>Atherinops affinis</i>)	Pass
	Chronic (<i>Atherinops affinis</i>)	Pass

⁽¹⁾ FY 2022/23 monthly chronic testing was conducted using *Strongylocentrotus purpuratus* from July 2022 to October 2022 and *Macrocystis pyrifera* from November 2022 to June 2023.

⁽²⁾ FY 2023/24 monthly chronic testing was conducted using *Macrocystis pyrifera* from July 2023 to October 2023 and *Atherinops affinis* from November 2023 to June 2024. There was no reportable data in March 2024 as at least one of the four test acceptability criteria were not met in two in-house (OC San) and one external (Enthalpy Analytical) reference toxicant tests.

⁽³⁾ FY 2024/25 January chronic test was conducted with *Menidia beryllina* by a contract lab.

2.5 Facilities Special Projects

2.5.1 Plant No. 1 Headworks Rehabilitation

Construction for Project No. P1-105 will rehabilitate and upgrade Plant No. 1 Headworks. New structures to be constructed as part of this project include Grit Pump Station, Grit Handling Building, Headworks Odor Control Facility, Electrical Buildings, and other support systems.

2.5.2 Digester Replacement at Plant No. 2

The project will enhance the existing anerobic digesters at Plant No. 2 with a temperature-phased anaerobic digester (TPAD) configuration under Project No. P2-128. This project will build five new thermophilic digesters; Class A batch tanks; sludge heating and cooling facilities; associated sludge pumping; digester mixing; gas conveyance and cooling facilities; odor control; power distribution; and controls. Replacement and demolition of existing digesters will be included in a separate project. The project P2-128A will construct a perimeter wall along the southern plant boundary to provide site security and flood protection.

2.5.3 Plant No. 2 Outfall Low Flow Pump Station

The Trickling Filter Solids Contact/Sludge Reaeration (SC/SR) process will treat the additional reclaimable flows to be sent to OCWD to support the GWRS Final Expansion. Once completed, the Outfall Low Flow Pump Station under Project No. J-117B will convey the reduced daily flows to the ocean outfall. The Ocean Outfall Booster Station (OOBS) will be rehabilitated to adapt to change in daily flow. A new Plant Water Pump Station (PWPS) will also be constructed to draw secondary effluent from the Trickling Filter Solids Contact (TFSC) process.

2.6 Metals

The concentrations of seven metals (cadmium, chromium, copper, lead, nickel, silver, and zinc) are monitored monthly by OC San. The results of these analyses are used to evaluate efficiencies, trend inputs

from discrete sources, and potential toxicity concentrations in the secondary facilities, anaerobic digesters, and dewatered sludges.

The average metal concentrations in OC San's influent and effluent for the last five years are shown in Table 2.6.

Table 2.6 Average Metal Mass (pounds per day) in the Influent and Effluent for Fiscal Years 2020/21-2024/25 Orange County Sanitation District										
Constituent	INFLUENT					EFFLUENT				
	20-21	21-22	22-23	23-24	24-25	20-21	21-22	22-23	23-24	24-25
Cadmium	0.6	0.6	0.7	0.7	1.3	ND	ND	0.3	0.08	0.05
Chromium	10	9	7.4	9.7	10.6	1	1.4	0.8	1.14	0.8
Copper	120	105	108	100	109	4	5.3	4.1	3.5	2.38
Lead	4	3.2	2.9	3.2	2.5	0.4	0.4	0.1	0.11	0.04
Nickel	16	12.8	10.7	12.2	13.5	7	8	6	7.5	5.73
Silver	1	1	1	1	1	ND	ND	ND	0.004	ND
Zinc	221	215	199	218	216	21	22	20	25.6	23.79
Total Avg	372	346	330	345	354	32	37	31	38	33
ND	Non-detect					2019-20	Effluent mass based on 101 MGD			
2020-21	Influent mass based on 182 MGD					2020-21	Effluent mass based on 91 MGD			
2021-22	Influent mass based on 179 MGD					2021-22	Effluent mass based on 94 MGD			
2022-23	Influent mass based on 186 MGD					2022-23	Effluent mass based on 102 MGD			
2023-24	Influent mass based on 193 MGD					2024-25	Effluent mass based on 85 MGD			
2024-25	Influent mass based on 184 MGD									

2.7 Mass Emission Benchmarks

OC San's Permit contains mass emission benchmarks for 81 constituents as identified in Section V, B, Table 7 of Order R8-2021-0010. These mass emission benchmarks are not water-quality based effluent limits; however, OC San will use this information as part of its annual review of local limits.

The mass emission benchmarks report is required to compare each constituent's sample result with the minimum level (ML) for that constituent in the Permit. According to Permit requirement, sample results that are less than the reported ML but greater than the method detection limit (MDL) are to be reported as zero prior to calculating the 12-month constituent average. Some of the values in the Mass Emission Benchmarks Report differ from those found in the Priority Pollutants Report, since the former relies on the ML as the threshold of detection, while the latter uses the MDL as the threshold for reporting.

As shown in Table 2.7, most of the heavy metal results fell in the range of 0.0% to 34% of their respective benchmarks. Unlike many of the benchmarked organic constituents, OC San had extensive historic heavy metals sampling frequencies and detectable levels on which to base its benchmarks. As a result, the heavy metal data has less statistical variance from the established benchmarks. With continuing improvements in the pretreatment program, the heavy metals benchmark results verify the decreasing mass emission trends, since constituents are less than their historic values. Heavy metals are covered under existing local pretreatment limits. The local limits for those constituents were evaluated as part of the revised Ordinance and local limits effective on July 1, 2019.

As shown in Table 2.7, most of the organic compounds with benchmarks were rarely detected in the effluent. More than half of the 81 constituents were not detected in OC San's effluent and are listed as zero (0) metric tons per year emitted, and zero percent of the benchmark. Only 15 of 81 constituents exceeded 10% of their respective benchmarks. It's worth noting that, historically, these constituents were rarely detected in OC San's effluent, so the benchmarks could only be based on the MDL. As OC San continues

to increase the sensitivity of its detection limits, some constituents may be more discernable in the future. That is, as detection limits are lowered, there will likely be fewer zero-tons-emitted constituents in OC San's list of benchmarks.

Table 2.7 Mass Emissions for All Benchmark Constituents – Fiscal Year 2024/25 Orange County Sanitation District									
Constituent	2024-25 12-Mo. Avg Benchmark	2024-25 12-Mo. Avg Actual	2024-25 Percent of Benchmark	Min. Mass	Max. Mass	Sample Freq.	Freq. Detected	Avg. Flow	Avg. Conc.
	MT/Year ^A	MT/Year ^A	Percent	MT/Year	MT/Year	Count	Count	MGD	(µg/L)
Marine Aquatic Life Toxicants									
Arsenic, total recoverable	1.88	0.414	22.02	0.327546	0.814229	13	13	104	3.03
Cadmium, total recoverable	0.07	0.008	11.43	0	0.019466	14	6	104	0.07
Chromium (VI)	0.44	0.151	34.32	0.119596	0.218213	13	13	104	1.11
Copper, total recoverable	5.21	0.435	8.35	0.28519	0.592122	13	13	104	3.29
Lead, total recoverable	0.18	0.009	5	0	0.079449	13	2	104	0.06
Mercury, total recoverable	0.002	0	0	0.000303	0.000732	12	12	104.05	0.0035
Nickel, total recoverable	6.69	1.047	15.65	0.74649	1.474494	13	13	104	8.05
Selenium, total recoverable	6.23	1.279	20.53	1.064258	1.590462	13	13	104	9.81
Silver, total recoverable	0.05	0	0	0	0	13	0	104	0
Zinc, total recoverable	13.09	3.944	30.13	2.654772	4.749673	16	16	104	30.39
Cyanide, total recoverable	1.67	0.346	20.72	0	0.586096	12	10	104.05	2.78
Ammonia as nitrogen	10457	2926.043	27.98	1923.663	4294.965029	365	365	84.58	25225.5
Total chlorine residual	38.09	11.822	31.04	9.511142	14.875294	1095	1066	84.58	104.37
Non-chlorinated phenols	0.44	0	0	0	0	12	0	104.05	0
Chlorinated phenols	0.15	0	0	0	0	12	0	104.05	0
Endosulfan	0.003	0	0	0	0	2	0	92.34	0
Endrin	0.006	0	0	0	0	2	0	92.34	0
Hexachlorocyclohexane (HCH)	0.003	0	0	0	0	2	0	92.34	0
Radioactivity	-	-	-	-	-	-	-	-	-

Table 2.7 Mass Emissions for All Benchmark Constituents – Fiscal Year 2024/25 Orange County Sanitation District									
Constituent	2024-25 12-Mo. Avg Benchmark	2024-25 12-Mo. Avg Actual	2024-25 Percent of Benchmark	Min. Mass	Max. Mass	Sample Freq.	Freq. Detected	Avg. Flow	Avg. Conc.
	MT/Year ^A	MT/Year ^A	Percent	MT/Year	MT/Year	Count	Count	MGD	(µg/L)
Human Health Toxicants – Non-Carcinogens									
Acrolein	3.03	0	0	0	0	4	0	86.27	0
Antimony	0.72	0.175	24.31	0.126824	0.216358	13	13	104	1.34
Bis(2-chloroethoxy) methane	3.03	0	0	0	0	12	0	104.05	0
Bis(2-chloroiso-propyl) ether	1.21	0	0	0	0	12	0	104.05	0
Chlorobenzene	1.21	0	0	0	0	4	0	86.27	0
Chromium (III)	-	-	-	-	-	-	-	-	-
Di-n-butyl-phthalate	0.51	0	0	0	0	12	0	104.05	0
Dichlorobenzenes	0.61	0	0	0	0	4	0	86.27	0
Diethyl phthalate	0.22	0	0	0	0	12	0	104.05	0
Dimethyl phthalate	1.21	0	0	0	0	12	0	104.05	0
4,6-dinitro-2-methylphenol	3.03	0	0	0	0	12	0	104.05	0
2,4-dinitrophenol	3.03	0	0	0	0	12	0	104.05	0
Ethylbenzene	1.21	0	0	0	0	4	0	86.27	0
Fluoranthene	0.61	0	0	0	0	12	0	104.05	0
Hexachlorocyclopentadiene	3.03	0	0	0	0	12	0	104.05	0
Nitrobenzene	0.11	0	0	0	0	12	0	104.05	0
Thallium	0.06	0	0	0	0	13	0	104	0
Toluene	0.05	0.039	78	0	0.195773	6	1	83.26	0.3
Tributyltin	0.07	0	0	0	0	4	0	90.59	0
1,1,1-trichloroethane	1.21	0	0	0	0	4	0	86.27	0

Table 2.7 Mass Emissions for All Benchmark Constituents – Fiscal Year 2024/25
Orange County Sanitation District

Constituent	2024-25 12-Mo. Avg Benchmark	2024-25 12-Mo. Avg Actual	2024-25 Percent of Benchmark	Min. Mass	Max. Mass	Sample Freq.	Freq. Detected	Avg. Flow	Avg. Conc.
	MT/Year ^A	MT/Year ^A	Percent	MT/Year	MT/Year	Count	Count	MGD	(µg/L)
Human Health Toxicants – Carcinogens									
Acrylonitrile	1.21	0	0	0	0	4	0	86.27	0
Aldrin	0.001	0	0	0	0	2	0	92.34	0
Benzene	1.21	0	0	0	0	4	0	86.27	0
Benidine	0.004	0	0	0	0	12	0	104.05	0
Beryllium	0.3	0	0	0	0	13	0	104	0
Bis(2-chloroethyl) ether	0.61	0	0	0	0	12	0	104.05	0
Bis(2-ethylhexyl) phthalate	1.11	0	0	0	0	12	0	104.05	0
Carbon tetrachloride	1.21	0	0	0	0	4	0	86.27	0
Chlordane	0.001	0	0	0	0	2	0	92.34	0
Chlorodibromomethane	1.21	0.306	25.29	0.099992	0.571403	5	5	83.27	2.79
Chloroform	4.72	0.931	19.72	0.69692	1.503953	4	4	86.27	7.92
DDT	0.003	0	0	0	0	2	0	92.34	0
1,4-dichlorobenzene	0.12	0	0	0	0	4	0	86.27	0
3,3'-dichlorobenzidine	0.42	0	0	0	0	12	0	104.05	0
1,2-dichloroethane	1.21	0	0	0	0	4	0	86.27	0
1,1-dichloroethylene	1.21	0	0	0	0	4	0	86.27	0
Dichlorobromomethane	2.56	0.57	22.27	0.251497	0.919437	6	6	83.26	5.12
Dichloromethane	1.21	0.029	2.4	0	0.115389	4	1	86.27	0.22
1,3-dichloropropene	1.21	0	0	0	0	4	0	86.27	0
Dieldrin	0.002	0	0	0	0	2	0	92.34	0
2,4-dinitrotoluene	3.03	0	0	0	0	12	0	104.05	0
1,2-diphenylhydrazine	0.61	0	0	0	0	12	0	104.05	0
Halomethanes	0.12	0.041	34.17	0	0.183734	5	2	83.27	0.42
Heptachlor	0.003	0	0	0	0	2	0	92.34	0
Heptachlor epoxide	0.003	0	0	0	0	2	0	92.34	0
Hexachlorobenzene	0.01	0	0	0	0	12	0	104.05	0
Hexachlorobutadiene	0.61	0	0	0	0	12	0	104.05	0
Hexachloroethane	0.61	0	0	0	0	12	0	104.05	0
Isophorone	0.61	0	0	0	0	12	0	104.05	0
N-nitrosodimethylamine	3.03	0	0	0	0	12	0	104.05	0
N-nitrosodi-n-propylamine	3.03	0	0	0	0	12	0	104.05	0
N-nitrosodiphenylamine	0.61	0	0	0	0	12	0	104.05	0
PAHs	0.45	0	0	0	0	12	0	104.05	0
PCBs	0.001	0	0	0	0	2	0	92.34	0
TCDD equivalents	0.000000201	0	0	0	0	4	0	90.59	0
1,1,2,2-tetrachloroethane	1.21	0	0	0	0	4	0	86.27	0
Tetrachloroethylene	0.45	0	0	0	0	4	0	86.27	0

Table 2.7 Mass Emissions for All Benchmark Constituents – Fiscal Year 2024/25
Orange County Sanitation District

Constituent	2024-25 12-Mo. Avg Benchmark	2024-25 12-Mo. Avg Actual	2024-25 Percent of Benchmark	Min. Mass	Max. Mass	Sample Freq.	Freq. Detected	Avg. Flow	Avg. Conc.
	MT/Year ^A	MT/Year ^A	Percent	MT/Year	MT/Year	Count	Count	MGD	(µg/L)
Toxaphene	0.01	0	0	0	0	2	0	92.34	0
Trichloroethylene	1.21	0	0	0	0	4	0	86.27	0
1,1,2-trichloroethane	1.21	0	0	0	0	4	0	86.27	0
2,4,6-trichlorophenol	0.15	0	0	0	0	12	0	104.05	0
Vinyl chloride	1.21	0	0	0	0	4	0	86.27	0

^A Metric Tons

2.8 Performance Goals

2.8.1 Background

OC San's NPDES Permit (NPDES No. CA0110604, Order No. R8-2021-0010) was renewed and became effective August 1, 2021. Performance goals were added to the Permit for Discharge Point 001 (Section V, B, Table 7 of Permit) and were developed based upon actual performance data from OC San's treatment plants during the final five years of the prior NPDES permit cycle. Performance goals are used as an indication of the efficiency of the treatment systems and are not enforceable effluent limitations or standards for the regulation of discharge from the treatment facility. The Permit states that performance goals are *"intended to minimize pollutant loading (primarily for toxics), while maintaining the incentive for future voluntary improvement of water quality whenever feasible, without the imposition of more stringent limits based on improved performance."*

OC San is required to monitor effluent data for performance goal exceedances. If there are two consecutive exceedances of the performance goals, OC San shall initiate an investigation into the cause of the exceedance. If the exceedance continues for three consecutive monitoring periods, OC San is required to submit a written report to the SARWQCB and USEPA on the nature of the exceedance, the results of the investigation, and cause of the exceedance.

Since the Permit went into effect on August 1, 2021, there were three constituents that incurred concentration performance goal exceedances over two or more consecutive months. Table 2.8 summarizes status of the investigations into the causes of these exceedances with additional detail on each situation provided in the sections below.

Table 2.8 Parameters with Two or More Consecutive Monthly Exceedances of their Performance Goals		
Orange County Sanitation District, Resource Protection Division		
Parameter	Fiscal Year	Status of Investigation
Total Chromium	2021-2022	Report approved by SARWQCB and EPA
Total Cyanide	2021-2022	Investigation completed
Chlorinated Phenols	2022-2023	Investigation completed
Total Chromium	2023-2024	Investigation completed

2.8.2 Total Chromium

On November 1, 2021, OC San commenced investigating cause(s) of the first two consecutive chromium exceedances. OC San confirmed that these samples were only analyzed for total chromium, which has the same 1.55 µg/L performance goal as each of the individual constituents that make up total chromium: hexavalent chromium, Cr(VI) and trivalent chromium, Cr(III) (Table 2.9). When comparing equivalent mass emission rates against the chromium mass emission benchmarks (0.44 metric tons per year [MT/yr] on a 12-month average basis for both Cr(III) and Cr(VI), OC San determined that the monthly performance goal concentrations were below an equivalent 12-month maximum average concentration (~3.48 µg/L) required to remain below the mass emission benchmarks. OC San also noted that the measured total chromium effluent concentrations remained at or below the water quality objectives for Cr(III) at 190,000 µg/L. However, each detection was above 2 µg/L, which is the water quality for Cr(VI).

Table 2.9 Fiscal Year 2021-2022 Monthly Performance Goals for Parameters with Three Consecutive Monthly Exceedances Orange County Sanitation District, Resource Protection Division							
Parameter	Performance Goal	First Exceedance		Second Exceedance		Third Exceedance	
Total Chromium	1.55 µg/L	September 2021	3.76 µg/L	October 2021	4.29 µg/L	November 2021	2.68 µg/L
		November 2023	1.93 µg/L	December 2023	1.64 µg/L	--	

⁽¹⁾ The discharger may at its option meet both the chromium III and the chromium VI performance goals or mass emission benchmarks by analyzing for total recoverable chromium (2021 NPDES Permit).

Based on the approval from USEPA and SARWQCB, in May 2022 OC San initiated a year-long special project to determine whether its effluent total chromium concentrations are originating from Cr(VI) and/or Cr(III) by analyzing for each individual species in the monthly final effluent sample. After the year-long investigation, it was determined that the measured total chromium each month was entirely attributed to Cr(III). OC San provided the final speciation results to SARWQCB and EPA during the May 9, 2023 NPDES Regulatory Semi-Annual Management Meeting.

In November of 2023, total chromium was detected in the final effluent at a concentration of 1.93 ug/L, exceeding the performance goal of 1.55 ug/L. In December 2023, two final effluent samples were analyzed for total chromium. The monthly average result between these two samples was 1.64 ug/L, which also exceeded the performance goal. As a result of the two consecutive exceedances of the performance goal, OC San underwent an internal investigation into the cause of the exceedance. In both November and December, samples of final effluent were sent to an outside laboratory for speciation of hexavalent and trivalent chromium. Results indicated that the total chromium signal within OC San's final effluent arises entirely from Cr(III), and no Cr(VI) was detected in either sample sent for analysis. This is consistent with the results of the year-long special study conducted between 2022 and 2023 that was approved by the SARWQCB and EPA to better understand the nature of chromium species within our effluent. OC San is continuing efforts to identify any specific source of chromium which might be contributing to the noted performance goal exceedances.

2.8.3 Total Cyanide

There were two consecutive exceedances of the performance goal for total cyanide, as follows (Table 2.10).

Table 2.10 Performance Goals - Parameters with Two Consecutive Monthly Exceedances Orange County Sanitation District, Resource Protection Division					
Parameter	Performance Goal	First Exceedance		Second Exceedance	
Total Cyanide	5.88 µg/L	September 2021	6.95 µg/L	October 2021	6.08 µg/L

Starting September 2021, OC San conducted a series of investigations to determine the cause(s) of the Total Cyanide performance goal exceedances. Investigations included examining historical data, conducting literature research, evaluating the three contributing process streams to OC San's final effluent, and conducting a controlled lab experiment. Based on the findings, OC San attributes the most likely cause of the performance goal exceedances to matrix interferences from the GWRS' reverse osmosis concentrate (ROC) process stream which is one of the three contributing streams to OC San's final effluent.

Sodium hydroxide (NaOH) is used to preserve effluent samples for cyanide analysis. It was determined that GWRS's ROC contains chloramine, which can react with sample matrices in the presence of NaOH to create cyanide signals. This phenomenon was reported in literature and by other wastewater agencies who

later obtained regulatory approval to modify their sample preservation processes to reduce the potential matrix interferences.

To further evaluate this phenomena, OC San conducted a lab experiment, which showed that the final effluent and ROC samples (analyzed without NaOH preservation or after dechlorination) yielded much lower (up to 10-fold) Total Cyanide results compared to samples that were preserved with NaOH. Although the lab experimental findings further supported that NaOH preservation of chlorinated wastewater creates Total Cyanide signals, data seems to suggest this matrix interference is sporadic, as there has not been any additional performance goal exceedances since October 2021. This sporadic occurrence could be due to 1) chloramine forming during chlorination at the beginning of the treatment train and/or 2) potentially varying degrees of decreases in chloramine concentrations along the treatment train resulting in variable concentrations of chloramine in ROC. Notably, ROC is currently a minor contributing stream (i.e., approximately 18 percent) to OC San's final effluent. However, it is possible that the matrix interferences would be intensified when ROC becomes a larger contributor to OC San's final effluent when GWRS is operating at full capacity after the recent final expansion. As such, OC San is currently considering two options to reduce matrix interferences: 1) eliminating the sample preservation step and 2) exploring a different cyanide method that is more robust in mitigating interference. OC San may proceed with one or both options depending on laboratory staffing level and/or availability of new instrument to support a different cyanide method. In addition, OC San has been conducting a ROC characterization study since October 2022 to determine the potential severity of the matrix interference with cyanide and BOD testing and gathering baseline data to proactively conduct investigation for potential performance goal exceedances after the GWRS Final Expansion. The study remains ongoing to capture various operational states of the GWRS. Thus far, OC San has not observed any significant increase of chlorine in the RO with the exception of some sporadic spikes. However, there has not been any performance goal exceedances during FY 2024/25.

2.8.4 Chlorinated Phenols

Between January and February 2023, there were two consecutive exceedances for Chlorinated Phenols (Table 2.11). Therefore, an investigation ensued shortly after the second occurrence to determine the potential cause.

Table 2.11 Fiscal Year 2022-2023 Monthly Performance Goals for Parameters with Two Consecutive Monthly Exceedances Orange County Sanitation District, Resource Protection Division					
Parameter	Performance Goal	First Exceedance		Second Exceedance	
Chlorinated Phenols	0.54 µg/L	January 2023	1.11 µg/L	February 2023	0.824 µg/L

The investigation included a review of the methodology used to determine the performance goal value of 0.54 ug/L. The Chlorinated Phenols performance goal was based upon the same data used to establish the performance goal for 2,4,6-trichlorophenol; this compound has the same average monthly performance goal (0.54 µg/L) and mass emission benchmark (0.15 MT/yr) as the total chlorinated phenols. Historically, the MDL for 2,4,6-trichlorophenol has ranged from 0.18 to 2 µg/L, with an average of 0.96 µg/L. When OC San's current NPDES permit was being developed, the performance goal for this compound was derived from the maximum effluent concentration (MEC) observed between May 2015 and December 2019. During that period, there was one detection of 2,4,6-trichlorophenol at a concentration of 0.54 µg/L, resulting in a performance goal being established at this MEC. However, this value of 0.54 µg/L was flagged as an estimated value (DNQ) in OC San's DMR submissions due to the value being above the laboratory's detection limit but below the laboratory's reporting limit. OC San questions whether it is appropriate to use estimated values in the establishment of performance goals, as these results may not be substantive, and using values below the reporting limit for a given method may result in unreasonable performance goals.

In addition, OC San reviewed how the Chlorinated Phenols results were being calculated. OC San's NPDES permit states that, when calculating the sum of several constituents, values characterized as ND or DNQ

should be considered as having a concentration of zero. Because the values for 2,4,6-trichlorophenol and 2-chlorophenol reported in January and February 2023 were reported as DNQ and ND, respectively, those values should not have been included in the total chlorinated phenols calculation. When performing the calculation in accordance with the instructions in the permit, the only quantifiable data would have been pentachlorophenol at a concentration of 0.74 µg/L and 0.82 µg/L as opposed to 1.11 µg/L and 1.23 µg/L for January and February 2023, respectively. Although these values are still above the performance goal of 0.54 µg/L, pentachlorophenol itself is not subject to any performance goal.

One final finding of the investigation was that OC San has not historically observed significant concentrations of Chlorinated Phenols in OC San's treatment plants. These detections in the final effluent have taken place after the GWRS Final Expansion. Chlorinated Phenols have been detected in the ROC received from OCWD, and OC San continues to monitor this waste stream along with permit compliance sampling points. No detections for Chlorinated Phenols in excess of the performance goal have occurred since February 2023.

2.8.5 GWRS Final Expansion Implications

OC San recently upgraded its facilities to support the GWRS Final Expansion. However, the 5-year performance data upon which the permitted performance goals were based can diverge from current and future plant performance data due to the additional volumes anticipated from the increase in water reclamation. USEPA and Santa Ana RWQCB were informed of these operational improvements in advance and inserted provisions within the permit to allow OC San to request permit modifications to support additional water reuse. Although the GWRS Final Expansion was achieved in 2023, it has not operated at full capacity (additional 30 MGD) for a significant period of time to see what impacts it might have on OC San's system. In the meantime, OC San has still been able to operate within the current permit limitations. However, these new flows and conditions should be considered during the next Permit cycle.

Data for each parameter with a performance goal is presented in Table 2.12, and OC San intends to consider these values as part of its annual review of local limits.

Table 2.12 Performance Goal Data for Fiscal Year 2024-2025
Orange County Sanitation District

Constituent	Performance Goal (µg/L)	Number of elevated results	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025
			(µg/L)											
Marine Aquatic Life Toxicants														
Arsenic, total recoverable	6.62	0	2.67	2.81	2.9	2.75	3	3.71	3.32	3.39	2.9	3.45	3.88	1.6
Cadmium, total recoverable	0.24	0	0.109	ND	ND	0.11	ND	0.156	0.186	0.154	0.139	ND	ND	ND
Chromium (VI)	1.55	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium (Total)			1.13	0.995	0.91	1.54	0.804	1.31	1.15	1.13	1.305	1.08	1.35	0.674
Copper, total recoverable	18.31	0	3.29	2.45	2.17	4.22	1.55	3.53	3.73	3.64	4.295	3.53	4.71	2.37
Lead, total recoverable	0.62	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.342	0.318
Mercury, total recoverable	0.0071	0	0.0039	0.0037	0.0039	0.0039	0.0027	0.005	0.0029	0.0028	0.003	0.004	0.0034	0.0024
Nickel, total recoverable	23.50	0	8.36	5.86	5.68	11.1	3.09	8.72	11.6	8.68	9.035	9.77	10	4.67
Selenium, total recoverable	21.90	0	8.58	9.06	9.64	8.87	5.86	14.5	12.2	11	10.8	11.3	11.4	4.54
Silver, total recoverable	0.16	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, total recoverable	46.01	0	23.7	19.3	20.2	27	17.5	44.575	37.8	38.4	40.25	37.1	40.6	18.3
Cyanide, total recoverable	5.88	0	1.9	2.4	3.3	ND	2.1	4.2	5.6	3.5	3.4	3.4	3.6	ND
Ammonia as nitrogen	36,743	0	29,768	28,035	24,469	23,577	22,113	20,930	31,448	27,339	27,906	25,687	19,897	21,433
Non-chlorinated phenols	1.56	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorinated phenols	0.54	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan	0.011	0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	0.021	0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclohexane (HCH)	0.011	0	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Human Health Toxicants – Non-Carcinogens														
Acrolein	10.65	0	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	NA
Antimony	2.54	0	1.2	1.36	0.965	1.33	0.727	1.69	1.64	1.31	1.335	1.91	1.77	0.783
Bis(2-chloroethoxy) methane	10.65	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroiso-propyl) ether	4.26	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	4.26	0	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	NA
Chromium (III)	1.55	0	1.13	0.995	0.91	1.54	0.804	1.31	1.15	1.13	1.305	1.08	1.35	0.674
Chromium (Total)			1.13	0.995	0.91	1.54	0.804	1.31	1.15	1.13	1.305	1.08	1.35	0.674
Di-n-butyl-phthalate	1.80	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobenzenes	2.13	0	ND	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	NA
Diethyl phthalate	0.76	0	0.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	4.26	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-dinitro-2-methylphenol	10.65	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 2.12 Performance Goal Data for Fiscal Year 2024-2025
Orange County Sanitation District

Constituent	Performance Goal (µg/L)	Number of elevated results	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025
			(µg/L)											
2,4-dinitrophenol	10.65	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	2.13	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	10.65	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.38	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.20	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.19	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tributyltin	0.25	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-trichloroethane	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Human Health Toxicants – Carcinogens														
Acrylonitrile	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	0.004	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	4.26	0	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	NA
Beryllium	1.07	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl) ether	2.13	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	3.90	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane	0.004	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	4.25	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	16.60	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDT	0.011	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-dichlorobenzene	0.43	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-dichlorobenzidine	1.47	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-dichloroethylene	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobromomethane	8.98	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-dichloropropene	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.007	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-dinitrotoluene	10.65	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-diphenylhydrazine	2.13	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Halomethanes	0.43	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.009	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2.12 Performance Goal Data for Fiscal Year 2024-2025 Orange County Sanitation District														
Constituent	Performance Goal (µg/L)	Number of elevated results	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025
			(µg/L)											
Heptachlor epoxide	0.004	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-
Hexachlorobutadiene	2.13	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Hexachloroethane	2.13	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Isophorone	2.13	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
N-nitrosodimethylamine	10.65	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
N-nitrosodi-n-propylamine	10.65	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
N-nitrosodiphenylamine	2.13	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
PAHs	1.59	0	ND	ND	ND	0	ND	ND	ND	ND	ND	ND	ND	-
1,1,2,2-tetrachloroethane	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-
Tetrachloroethylene	1.58	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-
Trichloroethylene	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-
1,1,2-trichloroethane	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-
2,4,6-trichlorophenol	0.54	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Vinyl chloride	4.26	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-

ND – not detected at a concentration greater than the method detection limit

NA – not analyzed

Chapter 3. Permits

3.1 Introduction

The Orange County Sanitation District (OC San) implements permitting and certification control mechanisms which contain effluent limits for all standards, statements of duration and non-transferability, self-monitoring, sampling, reporting, record-keeping, notification requirements, and statements of applicable civil and criminal penalties for discharge violations. The following sections describe permit classifications and the methods by which permittees are identified and discharge limits are established.

3.2 Permit Classifications

There are seven permit and certification classifications for users that discharge to OC San's sewerage system: Class I, Class II, Wastehaulers, Special Purpose, Dry Weather Urban Runoff Diversion, FOG (fats, oils, and grease), and Discharge Certifications (including Zero Discharge Certifications).

Class I Permits

Class I dischargers are defined as Significant Industrial Users (SIUs) in accordance with federal regulations. Examples of these users include metal finishers, printed circuit board shops, large food processors, textile companies, and industries with the potential to discharge constituents of concern. A listing of the Class I permittees is provided in Appendix A.

A Class I permit is issued to any user who meets any one of the following conditions:

1. Is subject to Federal Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N; or
2. 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; or
3. Contributes a process wastestream which makes up five percent or more of the average dry weather hydraulic or organic capacity of the OC San POTW; or
4. Is designated as such by OC San on the basis that the Industrial User has a reasonable potential for adversely affecting the OC San POTW's operation or for violating any Pretreatment Standard, Local Limit or requirement (in accordance with 40 CFR 403.8(f)(6)); or
5. May cause Pass Through affecting OC San's ability to comply with its NPDES Permit or other regulations and standards; or
6. May cause Interference with OC San's Sewerage Facilities.

Class II Permits

Class II permittees include commercial enterprises such as restaurants, supermarkets, large entertainment/service venues, or other high-use non-SIU.

A Class II permit is issued to any user who meets all the following conditions:

1. Has a charge for use greater than the special assessment "OC San Sewer User Fee" included on the County of Orange secured property tax bill exclusive of debt service; and
2. Discharges waste other than sanitary; and
3. Is not otherwise required to obtain a Class I permit.

Wastehauler Permits

Wastehauler permits are issued to those users who are engaged in vehicular transport and subsequent disposal of biodegradable waste into OC San's system. Wastehauler permittees dispose of septic tank/cesspool, restaurant grease trap, and portable toilet waste at OC San's dedicated disposal facility

located at Reclamation Plant No. 1 in Fountain Valley. The discharge of industrial wastewater by any wastehauler is prohibited unless written authorization from OC San has been obtained.

Special Purpose Discharge Permits

SPDPs are issued to dischargers for the purpose of discharging groundwater, surface run-off, subsurface drainage, or unpolluted water directly or indirectly to OC San's facilities where no alternative method of disposal is reasonably available, or to mitigate an environmental risk or health hazard. This primarily includes groundwater remediation and construction dewatering projects.

Fats, Oils, and Grease (FOG) Permits

OC San administers the local FOG Control Program for FSEs that discharge directly to OC San-owned sewer pipelines. Ordinance OCSD-25 provides for the establishment of the FOG Control Program and the enforcement of program requirements by OC San's Resource Protection Division. The goal of the program is to eliminate sanitary sewer overflows (SSOs) which are caused by discharges from FSEs. Additional information can be found in Chapter 9.

Discharge Certifications

A Discharge Certification may be issued to non-categorical industries that generate wastewater containing pollutants of concern and have the potential for violating any pretreatment standard or requirement. Zero Discharge Certifications are issued to 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.

3.3 Permit Issuance

During FY 2024/25, the pretreatment program managed a total of 542 active permits/certifications. A total of 45 new permits were issued, including 21 Class I permits, one FOG permit, four wastehauler permits, nine special purpose discharge permits, and nine zero discharge certifications. Fifty-one permits were listed as void or expired during the fiscal year (most due to ownership, location, or class changes and subsequent re-issuances), including 13 Class I permits, two Special Purpose Discharge Permits, seven wastehauler permits, and two zero discharge certificates. Of the 327 Class I permits (SIUs), 210 were subject to Federal Categorical Pretreatment Standards. This level of permit activity represents no significant change compared to the total number of active permits at the end of the previous fiscal year.

3.3.1 Identification of New Permittees

OC San surveys various sources for companies that may require a control mechanism, including those that are subject to Federal Categorical Standards or local limits. Wastewater discharge permits are issued to those businesses as required. OC San obtains new business information from the following:

- City Business Licensing Departments
- Santa Ana Regional Water Quality Control Board's permit database
- OC San Engineering Department connection permits
- OC San Finance Department new sewer service referrals
- *OC Register* newspaper
- Agency referrals during Strike Force meetings
- Currently permitted industries

Historically, most new permittees had been identified by OC San field inspectors during the course of inspecting existing permittees, and when following up on new industries that move into a former permittee's company location. Since 2018, OC San has collaborated with all of its member agencies and set up an ongoing program to collect data on all new and renewed business licenses. The initial effort collected data

quarterly to space out the license review, but the program now collects data on a semiannual basis to stay current. The initial effort also included a plan for OC San to identify industrial dischargers from county and unincorporated areas where business licenses are not issued. These areas require physical searches to ensure that OC San's entire service area is evaluated to comply with US EPA's requirements for a comprehensive Industrial Waste Survey.

3.4 Discharge Limits

3.4.1 Industrial

In 1976, OC San established discharge limits for specific pollutants. These limits became increasingly restrictive over a three-phased implementation period designed to give industry adequate time to comply with the more stringent standards. The limits were adopted by OC San's Boards of Directors in 1976 and were published in OC San's Ordinance. New concentration limits were adopted in the revised Ordinance, which became effective July 1, 1983.

On September 8, 1989, the Boards of Directors adopted a new ordinance which contained essentially the same concentration limits as the previous ordinance. Revisions included the creation of a specific limit of 0.1 milligrams per liter (mg/L) for polychlorinated biphenyls (PCB), a limit of 0.1 mg/L for pesticides, and specific limits for wastehaulers. It also included specific discharge limits for biochemical oxygen demand (BOD); the maximum BOD limit was 15,000 pounds per day (lb/d). These BOD limits were established to prevent pass-through and interference.

The 1989 Ordinance was subsequently revised in February 1992, July 1998, July 2007, July 2008, and October 2009, but with no change to the local discharge limits. Since the implementation of the Federal Categorical Standards in April 1984, OC San applies the more stringent of either the Federal Categorical Standards or OC San's local discharge limits. In 2016, OC San completed a local limits study and revised its ordinance per US EPA audit findings, effective July 1, 2016. The 2016 Ordinance removed the numeric BOD concentration limit; removed the cyanide amenable and Total Toxic Organic limits; revised chromium and silver limits; and added 1,4-dioxane, molybdenum, and selenium limits. The 2016 Ordinance was revised in July 2019, but with no change in the local discharge limits. As of this reporting period, the limits set in 2016 are still in effect and shown in Table 3.1.

Table 3.1 OC San's Maximum Allowable Local Discharge Limits Orange County Sanitation District, Resource Protection Division			
Constituent	Limit (mg/L)	Constituent	Limit (mg/L)
1,4-Dioxane	1.0	Nickel	10.0
Arsenic	2.0	Oil and Grease of Mineral or Petroleum Origin	100.0
Cadmium	1.0	Pesticides	0.01
Chromium (Total)	20.0	Polychlorinated Biphenyls (PCB)	0.01
Copper	3.0	Selenium	3.9
Cyanide (Total)	5.0	Silver	15.0
Lead	2.0	Sulfide (Dissolved)	0.5
Mercury	0.03	Sulfide (Total)	5.0
Molybdenum	2.3	Zinc	10.0

3.4.2 Wastehaulers

After evaluating reference materials from the US EPA and laboratory results from wastehauler samples taken by OC San, pollutant limits were established for wastehaulers discharging biodegradable waste that express the maximum expected heavy metal concentrations for domestic wastes found in septic tank/cesspool wastes. These limits are shown in Table 3.2.

Table 3.2 OC San's Maximum Allowable Discharge Limits for Wastehaulers Discharging Domestic Septage to OC San Wastehauler Stations Orange County Sanitation District, Resource Protection Division	
Constituent	Limit (mg/L)
Cadmium	1.0
Chromium	35.0
Copper	25.0
Lead	10.0
Nickel	10.0
Zinc	50.0

3.5 Establishing Mass Emission Rates (MER)

OC San uses a dual approach to regulating wastewater constituents. Most Class I permits are issued both concentration-based limits and mass emission limits to encourage water conservation, waste minimization, and recycling; to limit the total mass of pollutants that enter the treatment facilities; and to deter facilities from achieving compliance through dilution. For concentration limits, OC San applies either the Federal Categorical Standards or OC San's local discharge limits (shown in Table 3.21), whichever are more stringent. Mass emission rate limits are calculated using the applicable concentration limits in combination with an industry's multi-year average wastewater flow (referred to as a "flow base" rate). The flow base rate is determined at the time a permit is initially issued, renewed, or revised.

The volume of wastewater used in establishing a permittee's mass limits is based on flow rate data, water meter information, or additional reports submitted to OC San. Unless additional water losses can be substantiated, or another batch, process, or effluent meter measurement device is in place, 95% of the influent city water meter reading is considered to be discharged to the sewer. The remaining 5% is a standard allowance for losses in process, evaporation, and landscape use. An allowance for domestic waste is computed based on a daily usage rate of 25 gallons per employee per 8-hour shift. If there is documentation showing other water losses, such as product water loss or boiler loss, that are greater than the standard 5% deduction, then adjustments can be made to accommodate these losses. If water conservation beyond normal industrial practice takes place, the flow base may be adjusted to account for water conservation and/or water recycling.

The user's annual average industrial wastewater discharge, calculated as described above, is divided by the number of operational discharge days per year to yield the net discharge in gallons per day. OC San can use the mass limit (expressed in lb/d) as an evaluation tool, if a permittee is introducing large quantities of water in an attempt to dilute concentrations to meet categorical requirements. In order to maintain long-term compliance with permit limits and conditions, a permittee must evaluate pretreatment capacity as a result of a change in production and subsequent change in wastewater discharge.

If a permittee exceeds the MER or concentration waste discharge limits, the permittee is subject to enforcement action(s) in accordance with OC San's Ordinance and *Enforcement Response Plan*, which may include administrative penalties.

Chapter 4. Inspection, Sampling, Compliance, & Enforcement

4.1 Introduction

This chapter details the inspection, sampling, and enforcement activities of the OC San Industrial Pretreatment Program for FY 2024/25.

The goal of OC San's Industrial Pretreatment Program is to ensure that dischargers maintain compliance with Federal Pretreatment Standards and the Ordinance and discharge limits through monitoring and verification, in addition to controlling and reducing industrial pollutants.

An individual industrial discharge status summary of all Class I permittees is provided in the Monitoring and Compliance Status Report for FY 2024/25 (Appendix A). The following sections describe OC San's inspection, monitoring and enforcement efforts, and summarize permittees' compliance with US EPA Categorical Standards and OC San's local discharge limits.

4.2 Routine Inspection and Sampling

OC San's Source Control Inspection group consists of one supervisor, one principal environmental specialist, 10 field inspectors, and three technicians. Inspectors provide a visible presence at industrial facilities and deter non-compliant conduct through on-site sampling and inspections. The inspectors perform inspections at each permittee's facility at least once per calendar quarter. Discharge samples are taken during each inspection for all pertinent regulated constituents based on permit requirements.

Inspections may include an evaluation of manufacturing plant processes and pretreatment equipment to observe and discuss changes, verification of waste manifests and other waste disposal documents, measurement of industrial wastewater flows, field testing and sample collection of wastewater, and a review of regulations, policies, and procedures for the implementation of the pretreatment program.

Composite samples of a permittee's discharge are collected using automatic samplers and are time-composited over a 24-hour period. US EPA sampling guidelines are used by the Source Control Inspectors for collecting and preserving samples. In conjunction with each inspector's on-site observations, the results of laboratory analyses are used to verify compliance status, help disclose potential operational and housekeeping problems, evaluate the adequacy of pretreatment systems, and detect new sources of regulated substances. Grab samples are collected for the determination of compliance with TTOs, cyanides, oil and grease, and pH discharge limits.

During FY 2024/25, OC San staff conducted 1,543 inspections and collected 4,312 samples. Compared to last fiscal year, the number of conducted inspections decreased this year by 6% and the number of samples increased by 35% (Table 4.1).

Table 4.1 Summary of Inspections, Sampling and Laboratory Analyses, Fiscal Years 2020/24 – 2024/25					
Orange County Sanitation District					
	Fiscal Years				
	2020-21	2021-22	2022-23	2023-24	2024-25
Inspections*	1,664	1,611	1,542	1,640	1,543
Samples Collected	3,515	3,648	3,591	3,204	4,312
*Site visits to facilities to assess compliance.					

4.3 Non-Routine Sampling and Inspection

OC San Source Control Inspection staff perform duties beyond routine sampling and inspection, as summarized below:

- Enforcement inspections are performed in response to compliance problems and typically involve close cooperation with the permittee to identify and correct deficiencies. Source Control Inspectors resample noncompliant industries within 30 days from the date the violation is issued and submit compliance inspection reports to document corrective measures taken and to support enforcement actions.
- Inspectors participate in multi-agency operations such as warrant inspections and environmental audits, working jointly with other agencies enables inspectors to recognize potential problems in other regulatory areas such as air quality and hazardous waste.
- Chronic violators are subject to increased monitoring and inspection activity, which may include extended periods of on-site sampling.
- Source Control Inspectors perform routine sampling for cyanide at facilities that have cyanide processes on site. The sampling occurs at the end of cyanide treatment or at the end of the cyanide process, prior to comingling with non-cyanide bearing wastestreams. The purpose of this sampling is to confirm that all cyanide-bearing wastewater is treated.
- Random sampling throughout the collection system is performed in areas where there is an increased potential for illegal dumping by industries. These sampling events are generally precursors to downstream monitoring projects (described in Section 0) when illicit discharging is suspected.
- Providing resources to OC San's operations, collections, compliance, and laboratory groups in performing sampling and inspections in relation to special studies or ongoing projects.
- On a monthly basis Source Control Inspection staff collect composite samples on each of OC San's 12 trunklines at both OC San plants for several days to one week. This monitoring allows OC San to identify any potential problems on individual trunklines, as well as to study the correlation between influent, effluent, and biosolids.

4.3.1 Downstream Sampling

Covert sampling is conducted downstream of an industry to verify continued discharge compliance or to identify illicit discharges. Sampling is conducted both upstream and downstream to isolate the industry's discharge. This sampling is performed in manhole structures in local sewer systems over the course of several days.

Two downstream monitoring events were conducted during FY 2024/25.

4.4 Orange County Hazardous Materials Strike Force and Joint Agency Inspections

The Orange County Strike Force is comprised of state, county, city and other local agencies capable of identifying, investigating, and prosecuting dischargers of hazardous materials to the environment. The initial goals of the Strike Force were to define the roles and responsibilities of each participating agency; establish the scope of the cases to be handled; emphasize cooperative identification, investigation, and prosecution of violators; and develop protocols among all participating agencies to create a coordinated enforcement system. An overall protocol was adopted by the Orange County Board of Supervisors in June 1988. The Orange County District Attorney's Office conducts monthly Strike Force meetings to discuss investigative strategies, ongoing investigations/cases, and identification of potential new cases.

OC San staff spent approximately 65 hours assisting the Strike Force in FY 2024/25 by attending meetings and conducting fieldwork in support of Strike Force activities. In FY 2024/25, OC San performed inspection related activities involving Strike Force referrals or investigations.

OC San participates in joint agency inspections of industries suspected of violating hazardous waste and sewer discharge regulations. This cooperative effort involves other agencies such as the Orange County Health Care Agency and the Orange County District Attorney's Office, responsible for environmental management and citizen safety. OC San conducts both referral-based and agency independent inspections as well as joint inspections with other agencies when necessary. These inspections aided in correcting existing and potential discharge problems and provide for collaborative enforcement opportunities between participating agencies.

4.5 Industrial Compliance Status with Discharge Limits

OC San monitors and evaluates the compliance status of all regulated industries to determine the applicability of additional enforcement actions. Analytical monitoring results are reviewed by the source control supervisor, and limit exceedances are investigated and re-sampled to determine if the cause is a chronic problem. Additionally, should the inspectors identify any deficiencies in an industry's process, treatment, and/or discharge system, the industry is notified of the situation, findings are documented in inspection reports and discussed with permit engineers, and corrective measures as required are communicated to the industry to be implemented. A summary of the significant industrial users' compliance status for FY 2024/25 is shown in Appendix A.

4.5.1 Industries in Significant Noncompliance (SNC)

At the end of each quarter, OC San is required to evaluate their industrial users' compliance status using a six-month time frame. Under this system, each industrial user is evaluated for SNC four times during the year, and the total evaluation period covers 15 months (i.e., beginning with the last quarter of the previous pretreatment year, through the end of the current year). OC San is required to annually publish in the local newspaper all industrial users that have been identified as SNC during the past fiscal year when the SNC criteria were met during any of the previous four quarters. If a facility has been determined to be in SNC based solely on violations which occurred in the first quarter of the 15-month evaluation (i.e., the last quarter of the previous pretreatment year) and the facility has demonstrated consistent compliance in the subsequent four quarters, then OC San is not required to publish the industrial user (IU) in the newspaper if the IU was published in the previous year for the same violations.

As of June 30, 2025, of the active 327 Class I permittees, there were 15 (4.6%) that had been classified as SNC; 13 of these were categorical industries, and two were non-categorical. An industry was determined to be 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, defined here as those in which 66 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement, including instantaneous limits.
- Technical Review Criteria (TRC) violations, also known as "acute violations," defined here as those in which 33 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period equal or exceed the product of the numeric Pretreatment Standard or Requirement including instantaneous limits, multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH).
- Any other violation of a Pretreatment Standard or Requirement, (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the POTW ("Publicly Owned Treatment Works," which in this case is OC San) determines has caused, alone or in combination with other Discharges, Interference or Pass Through (including endangering the health of POTW personnel or the general public).
- Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority to halt or prevent such a discharge.
- Failure to meet, within 90 days after the schedule date, a compliance schedule milestone

contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance.

- Failure to provide, within 45 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules.
- Failure to accurately report noncompliance.
- Any other violation or group of violations, which may include a violation of Best Management Practices, which the POTW determines will adversely affect the operation or implementation of the local Pretreatment Program.

A summary of the permittees in SNC is presented in Table 4.2 Table 4.2. The SNC list was published in the October 27, 2025 issue of *The Orange County Register*; a copy of the announcement is presented in Appendix E.

Table 4.2 Summary of Companies in Significant Noncompliance (SNC) Fiscal Year 2024/25 Orange County Sanitation District, Resource Protection Division			
Company Name	Permit No.	Category	City
<u>Industries SNC Due to Discharge Violations</u>			
Columbine Associates	1-521784	Oil and Gas Extraction	Yorba Linda
GOODWIN CO.	1-031043	Soap And Detergent Manufacturing	Garden Grove
Micrometals, Inc.	1-021153	Nonferrous Metals Forming and Metal Powders	Anaheim
SPS Technologies LLC, DBA Cherry Aerospace	1-511381	Aluminum Forming, Metal Finishing, Nonferrous Metals Forming and Metal Powders	Santa Ana
<u>Industries SNC Due to Reporting Violations</u>			
Brasstech, Inc	1-600316	Metal Finishing	Santa Ana
Brothers International Desserts (North)	1-600583	Dairy Products Processing	Irvine
Brothers International Desserts (West)	1-600582	Dairy Products Processing	Irvine
Cooper and Brain, Inc.	1-031070	Oil and Gas Extraction	Brea
Dona Tina, LLC. / Northgate Gonzalez, LLC.	1-602333	Meat and Poultry Products	Irvine
Koia Anaheim Facility, LLC	1-601767	OC San Local Limits	Anaheim
Los Alamitos Race Course	1-602367	Concentrated Animal Feeding Operations (CAFO)	Cypress
Simply Fresh, LLC	1-600709	OC San Local Limits	Buena Park
Thompson Energy Resources LLC (Brea)	1-601469	Oil and Gas Extraction	Brea
Universal Molding Co.	1-521836	Metal Finishing	Fullerton
<u>Industries SNC Due to Discharge and Reporting Violations</u>			
Dr. Squatch Bricc City	1-602045	Soap and Detergent Manufacturing	Brea

4.6 Enforcement Activities

During FY 2024/25, OC San initiated or continued various enforcement actions to bring industries into compliance. This section describes the types of enforcement actions taken against noncompliant SIUs. In addition, Appendix J shows a listing of pretreatment equipment that has been installed by OC San's permittees.

As provided in the Ordinance and ERP, OC San has a broad range of enforcement mechanisms available, including, but not limited to, issuing noncompliance sampling fees, administrative penalties, notices of violation (NOV), compliance letters, probation orders, enforcement compliance schedule agreements (ECSA), administrative hearings, emergency suspension orders, permit suspension, and permit revocation orders.

OC San's enforcement program is designed to bring noncompliant industries back into compliance with Federal Pretreatment Standards and OC San's local discharge limits. If a permittee violates a discharge limit, an enforcement action is initiated. This includes the assessment and issuance of noncompliance sampling fees and requiring the permittee to conduct additional sampling along with OC San conducting additional sampling. Subsequent noncompliance may result in issuing an order or compliance requirement letter detailing corrective measures, requiring the installation of additional pretreatment equipment, requiring the implementation of pollution prevention measures, issuing emergency suspension orders, or suspending or revoking the wastewater discharge permit.

4.6.1 Compliance Inspections

OC San staff conduct compliance inspections to: (1) identify and address any noncompliance problems and corrective actions; and (2) verify the progress and completion of compliance requirement letters, probation orders, or enforcement compliance schedule agreements.

During FY 2024/25 OC San conducted **49 compliance inspections**.

4.6.2 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. Compliance meetings are held with company representatives to discuss the discharge compliance problems and proposed long-term solutions.

During FY 2024/25 OC San conducted **24 compliance meetings**.

4.6.3 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.

During FY 2024/25 OC San issued **88 compliance requirement letters**.

4.6.4 Order to Cease/Terminate Noncompliance/Discharge

Orders are issued where a permittee is continually noncompliant or has committed one or more 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.

During FY 2024/25 OC San issued **13 orders**.

4.6.5 Notices of Violation – Noncompliance Fees and Penalties

An NOV is written notification from OC San that references findings from recent sampling programs and indicates that specific violations of the permittee's discharge limits have occurred. The NOV is usually accompanied by noncompliance sampling and/or processing fees. An NOV is also issued upon a violation

of a condition in either the Permit or Ordinance. The NOV instructs the permittee to take immediate action to correct the problem.

During FY 2024/25, OC San issued **174 notices of violations to 83 different facilities**.

When a permittee violates its permit limits or conditions, noncompliance fees are assessed at rates that have been adopted by OC San's Board of Directors. For FY 2024/25, noncompliance fees, penalties, settlements, interest, and judgements totaling \$98,044 were issued to SIUs (for details see Appendix D). Fees also include those from SNC permittees whose names were published in the local newspaper, and for individual self-monitoring noncompliance fees.

4.6.6 Notices to Inform – Intentional Falsification of Self-Monitoring Reports (SMRs)

A notice to inform for intentional falsification of SMRs pertains to violations involving the permittee's intentional alteration or falsification of information contained in a SMR. The notice instructs the permittee to provide an explanation, and that additional enforcement may include an administrative complaint for subsequent violations.

During FY 2024/25 OC San **did not issue any notices to inform for intentional falsification of SMRs**.

4.6.7 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, and waste minimization alternatives and increasing the frequency of self-monitoring.

During FY 2024/25 OC San issued **five probation orders**.

4.6.8 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.

During FY 2024/25, OC San issued **two ECSAs**.

4.6.9 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, or their designee, determines that a permittee would not be in compliance with the newly adopted or revised discharge limits, the permittee may be required to enter into a RCSA with OC San. The terms and conditions of a 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 a 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 noncompliance sampling fees in accordance with Article 6 of OC San's Ordinance.

During FY 2024/25 OC San **did not issue any regulatory compliance schedule agreements.**

4.6.10 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 No. OCSD 98-23, 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.

During FY 2024/25, OC San **issued two settlement agreements with penalties and no administrative complaints.**

4.6.11 Permit Suspensions

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 evidence to a designated hearing officer. After the conclusion of the hearing, a written determination is made by the hearing officer. Upon issuance of a suspension order, the permittee must cease all discharges to the sewer for the duration of the suspension.

During FY 2024/25, OC San **did not issue any permit suspensions.**

4.6.12 Permit Revocations

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.

During FY 2024/25 OC San **did not issue any permit revocations.**

4.6.13 Emergency Suspension Order

Pursuant to Section 614 of OC San's Wastewater Discharge Regulations, an Emergency Suspension Order may be ordered to stop an actual or impending discharge which presents or may present an imminent or substantial endangerment to the health and welfare of persons, or to the environment, or may cause interference to OC San's sewerage facilities, or may cause OC San to violate any state or federal law or regulation.

During FY 2024/25, OC San **did not issue any emergency suspension orders.**

4.6.14 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.

During FY 2024/25, OC San **did not file any civil or criminal complaints.**

4.7 Enforcement Summary

This section summarizes various enforcement actions conducted for FY 2024/25 reporting year. 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.

A & G Electropolish (Permit No. 1-531422)

A&G Electropolish (A&G) performs electropolishing on stainless steel components for aerospace, commercial, medical, pharmaceutical, automotive, food, and military/defense applications. As an electropolishing job shop, A&G works exclusively on customer-supplied items consisting of tubing, stamped and machined parts, and fabricated assemblies. A&G also has deburring, fabrication, and machining operations to assist with customer jobs. The effluent discharge at A&G is generated by spent alkaline cleaning and nitric pickling/passivation solutions, and the associated rinse and dragout wastestreams. Wastewater is treated in batches using caustic soda and sulfuric acid to bring the wastewater to a pH of 8 and to precipitate copper and chromium. The batch is released to the sewer after a final metals check for copper and chromium.

July 1 – December 31, 2024

On November 26, 2024, A&G had a zinc daily average limit exceedance, for which an NOV will be issued in the next reporting period. However, A&G has ceased manufacturing and wastewater generating operations, with site closure activities occurring in November and December of 2024. Equipment is no longer on-site and the sewer connections have been sealed.

A&G's permit was void as of November 26, 2024.

January 1 – June 30, 2025

On January 21, 2025, OC San issued an NOV for the November 26, 2024 zinc daily average limit exceedance. On February 4, 2025, OC San issued an NOV for the November 2024 for the zinc monthly average limit exceedance.

On April 30, 2025, OC San received A&G's appeal request regarding their zinc exceedance observed on November 26, 2024. On June 10, 2025, OC San responded to the appeal request and determined that the NOV stands; however, A&G was not responsible for the resampling fee since resampling did not occur.

OC San will continue to monitor the site as necessary, but no further enforcement for discharge violations is anticipated since A&G has sealed its sewer connection.

Active Plating, Inc. (Permit No. 1-011115)

Active Plating, Inc. (Active) performs chloride acid zinc plating on steel surfaces with chromate conversion coating in Blue Brite or gold color. Chemical film (chemfilm) is performed on aluminum surfaces in either clear or gold color. Passivation, anodizing, and aluminum etching are also conducted on-site. Parts plated include computer cases, power supply housings, and other computer-related parts.

Active has an above ground, continuous metals pretreatment system, which also provides reduction of hexavalent chromium to trivalent chromium. The hexavalent chromium-bearing rinses are pH adjusted between 2 to 2.5 and chromium is reduced with sodium metabisulfite in a continuous mix chamber. The wastewater is then blended with the alkaline wastewater to pH 9-10 and mixed in rapid fashion with the addition of flocculent. Wastewater is then settled in two parallel 1000-gallon clarifier tanks where sludge is removed as needed. Sludge is dewatered with a filter press and the filter cake is hauled off-site, while the filtrate is reprocessed through the pretreatment system. One of the two clarifiers can be removed from operation for batch treatment.

July 1 – December 31, 2024

On October 28 and 29, 2024, Active had a cadmium daily average limit exceedance, zinc instantaneous, daily average, and loading daily average limit exceedances, and a pH violation, for which an NOV was issued on November 12, 2024. During this sampling event, OC San staff observed that the pH recorder at the sample point was inoperable and Active staff reported that the filter press was not working properly.

During a follow-up inspection on November 4, 2024, OC San determined that the filter press was in operation after a faulty plate was identified and replaced.

On December 2, 2024, OC San issued an order to cease noncompliant discharge as a result of the slug discharge that caused the cadmium and zinc exceedances and the pH violation, and to attend a compliance meeting during the next reporting period.

During a compliance inspection on December 18, 2024, OC San observed that the pH recorder was not in operation, and Active was using a handheld probe to confirm pH compliance. OC San also determined that Active may be diluting batches through the addition of make-up water from the clarifier.

In October 2024, Active had cadmium and zinc monthly average limit exceedances, for which an NOV will be issued in the next reporting period.

January 1 – June 30, 2025

On January 7, 2025, OC San issued an NOV for the October 2024 cadmium and zinc monthly average limit exceedances.

During a compliance meeting on January 22, 2025, the October 2024 sampling event was discussed along with the pH recorder and filter press issues that were observed during the compliance inspection in December 2024. Also, Active's January 17, 2025 proposal to replace the pH chart recorder with a new paperless pH recorder was discussed. In the interim, a handheld pH probe is being utilized to check pH at the sample point. Active stated that they batch treat wastewater about twice a year and that the process wastewater is usually hauled off and manifested as hazardous waste. While batch treating wastewater, Active uses one of the two clarifiers to batch treat process solutions as needed. During batch treatment, Active stated that they use water to raise the liquid level in the batch tank so that the liquid can reach their monitoring equipment. OC San stated that the practice of adding non-process water to the batch tank is a form of dilution and is in violation of Section 202 of OC San's Wastewater Discharge Regulations Ordinance.

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

AdvancedPCB (Permit No. 1-600689)

AdvancedPCB (APCB) is a manufacturer of printed circuit boards. Processes may include routing and cleaning of copper boards, developing, ammonia etching, resist coating and stripping, oxide coating, laminating, drilling, electroless plating, copper plating, tin or tin lead plating, copper etching, and solder masking. Final finishing is subcontracted. APCB operates a batch wastewater pretreatment system for concentrated wastestreams and continuous treatment system for dilute rinse wastestreams. Both systems include a holding tank, precipitation, neutralization, and flocculation. Floc from the continuous process may be conveyed to the batch process and a filter press. Clear water from the continuous system, decant from the batch treatment tank, and filtrate from both filter presses is discharged to the pH adjustment tank. The pH adjustment tank flows to a three-stage clarifier with a wet well sample point prior to discharge.

July 1 – December 31, 2024

In October 2024, APCB had a lead monthly average limit exceedance, for which an NOV will be issued in the next reporting period. On November 5, 2024, APCB had a copper instantaneous limit exceedance and a pH violation, for which an NOV was issued on December 13, 2024.

January 1 – June 30, 2025

On January 7, 2025, OC San issued an NOV for the October 2024 lead monthly average limit exceedance. On January 8, 2025, corrective actions were submitted to OC San stating APCB investigated and determined the cause of the exceedance to be a final pH controller relay malfunction. APCB noted they had replaced the relay controller and installed a pH alarm.

During the compliance inspection on January 10, 2025, APCB explained the malfunction of the automated pH controller caused the sodium hydroxide solution pump to exceed the pH set point, which caused a pH violation and inadequate treatment of copper. APCB noted that the malfunctioning pH controller relay was replaced and repaired the same day following the violation. APCB has installed a control panel with set points at 6.5 and at 11.0 with an alarm at the final pH effluent tank. APCB noted that staff would be retrained with how to respond to the alarm and would update their operation and maintenance (O&M) manual. Regarding the lead exceedance, it was believed that the addition of solder strip to the batch process may be elevating the lead in the batch without time for proper treatment. APCB said they would monitor lead in the batch to determine any correlations.

Also on January 10, 2025, APCB had lead daily average, loading daily average, and instantaneous limit exceedances, for which an NOV was issued on February 6, 2025.

On February 26, 2025, corrective actions were submitted to OC San stating APCB investigated and determined solder tin-strip solution was accidentally dumped to the holding tank by an operator and the batch was normally treated. APCB stated that the waste dumps will now be the responsibility of the wastewater treatment operator, and the solder tin stripper tank had been replumbed to remove the connection to the holding tank. APCB also obtained an Atomic Absorption (AA) Lead Lamp to verify lead concentration in the treated wastewater prior to discharge.

During the compliance inspection on February 27, 2025, the sample results for all constituents, including lead, copper, and pH, demonstrated compliance with permit limits. On April 4, 2025, OC San issued a compliance requirement letter, requiring APCB to attend a compliance meeting due to the multiple violations.

On April 7, 2025, OC San issued an NOV for the January 2025 lead monthly average limit exceedance. On April 28, 2025, APCB submitted additional corrective actions regarding sending all electroless line effluent rinses to waste treatment.

During the compliance meeting on April 29, 2025, APCB explained the corrective actions taken as described in the summary above and added that they had performed and submitted 10 consecutive days of voluntary sampling to demonstrate compliance and to understand their results.

On May 1, 2025, OC San issued a compliance requirement letter, accepting the corrective actions of APCB and requiring the submittal of an updated O&M Manual, which was received May 22, 2025.

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

AdvancedPCB-OC (Formerly APCT Orange County) (Permit No. 1-600503)

AdvancedPCB-OC specializes in prototype, quick-turn, and semi-production orders. The manufacturing operations begin by generating the film photo-tools from the customer. 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 Cobra Bond surface preparation, lamination, and drilling. The holes are desmeared with permanganate and made conductive through a palladium activated direct metalization process. 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 LPI 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. AdvancedPCB-OC also operates an electroless nickel and electroless gold line (ENIG line).

The effluent discharge at AdvancedPCB-OC is generated by the aqueous fume scrubbing, the various spent process solutions, and the associated rinse wastestreams. Pretreatment consists of continuous ion exchange (CIX) system for majority of the running rinses, scavenger ion exchange (SIX) system for some rinses (tin plating/stripping, scrubbers, and catalyst), batch treatment for concentrated spent solutions and CIX/SIX regenerant wastes, and pH adjustment for non-metal bearing wastestreams. Some spent solutions are wastehailed offsite.

July 1 – December 31, 2024

On September 3, 2024, OC San issued a compliance requirement letter, summarizing the January 17, 2024 compliance inspection. OC San required AdvancedPCB-OC to submit a correction action report that identified the root cause of the copper exceedance observed on November 4, 2023.

January 1 – June 30, 2025

On January 3, 2025, AdvancedPCB-OC had a copper loading daily average limit exceedance, for which an NOV was issued on April 3, 2025. On January 23, 2025 AdvancedPCB-OC had another copper loading daily average limit exceedance, for which an NOV was issued on April 3, 2025.

During the compliance inspection on April 30, 2025, AdvancedPCB-OC determined that the exceedance was likely due to overall workload increase, as observed by high wastewater flow rates and a recirculating water pump at the Hyoki machine was malfunctioning, causing water to flow without recirculating. The pump has since been replaced.

On May 28, 2025, AdvancedPCB-OC submitted a corrective action report regarding the copper exceedances.

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

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

Advance-Tech Plating, Inc. (ATP) is a job shop metal finishing facility. ATP 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 wastewater is generated from rinsing operations. ATP operates continuous and batch pretreatment systems which consist of chrome reduction, pH adjustment, flocculation, metal precipitation, and clarification. ATP utilizes a filter press for sludge dewatering.

Between April 2022 and January 2024, ATP had multiple heavy metals exceedances for which the facility attributed to operator error, irregular equipment calibration, and inadequate sludge management. As corrective actions, ATP has updated facility records and manuals, instituted regular pretreatment system maintenance and calibration, purchased test equipment to review wastewater composition, and updated its applied pretreatment methodologies. Although ATP submitted several proposals to OC San in March 2023, the proposals had multiple deficiencies, including an incomplete waste characterization, missing technical specifications related to treatment chemistry, the transfer of waste using drums and flex hosing, and omitting correspondence with chemical vendors. As a result of the deficient proposal and an operations and maintenance manual, ATP was directed to resubmit both by June 2023.

Despite ATP's improvements, permit limit exceedances have continued.

July 1 – December 31, 2024

From July 12 to 29, 2024, OC San conducted surveillance of ATP's sewer discharge. Sample results returned recurring chromium and zinc exceedances. On November 14, 2024, OC San issued an order to cease noncompliant discharge and directed ATP to attend a compliance meeting.

During the compliance meeting on December 17, 2024, OC San and ATP discussed ATP's recent discharge exceedances. Based on ATP's continued noncompliance since 2022, ATP was subject to escalated enforcement under an ECSA and was assessed a civil penalty in the amount of \$18,500.00.

January 1 – June 30, 2025

On January 17, 2025, OC San and ATP entered into a settlement and ECSA to facilitate pollution prevention measures necessary to ensure sustained compliance with permitted limits for industrial wastewater discharge. Among the agreement terms, ATP was directed to submit the following to OC San for review and acceptance: 1) a waste characterization report that identifies and characterizes each industrial wastewater source at the facility by February 28, 2025; 2) calculations that approximate the volume of industrial wastewater generated within a 24-hour period by March 31, 2025; 3) a waste management proposal to adequately segregate, treat, and disposal of all waste generated on-site by March 31, 2025; and 4) a proposal to install an effluent meter to measure industrial wastewater discharged to the sewer by March 31, 2025.

On January 21, 2025, ATP remitted payment of \$18,500.00 for civil penalties in accordance with the ECSA.

On April 17, 2025, OC San issued an NOV for failing to comply with ECSA requirements. ATP failed to submit hydraulic calculations and a proposal to install an effluent meter to measure industrial wastewater discharge by the prescribed deadlines. Moreover, ATP's waste characterization report and waste management proposal both contained deficiencies that rendered each submittal substantially incomplete and inadequate. ATP was directed to take immediate action to address the deficiencies and resubmit all requisite compliance documents to OC San no later than May 6, 2025.

Following a review of the materials submitted by ATP on May 6, 2025, OC San determined that both the waste characterization report and the waste management proposal remained substantially incomplete. The submittals failed to meet the minimum content requirements established by the ECSA and were, therefore, deemed noncompliant.

On June 2, 2025, OC San issued a notice of intent to impose administrative civil penalties for failure to adhere to all terms and conditions contained in the ECSA. On June 5, 2025, ATP requested a meeting with OC San to discuss the ECSA and the deficiencies identified in prior enforcement correspondence.

During the compliance meeting on June 9, 2025, ATP submitted several revised materials including facility layout and process flow diagrams and a waste characterization report, which remained deficient. At the conclusion of the meeting, OC San reiterated the ECSA requirements and directed ATP to address all outstanding deficiencies.

On June 26, 2025, , OC San issued a supplemental notice to inform of administrative proceedings and civil penalties due to ATP's continued noncompliance.

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

Air Industries Company, A PCC Company (Knott) (Permit No. 1-531404)

Air Industries Company, A PCC Company (Knott) (AIC-Knott) manufactures titanium and stainless steel fasteners (rivets, screws, bolts, and nuts) for the aviation and aerospace industries. Wastewater is generated from the following operations: alkaline cleaning, etching, passivation, pickling, chemfilm, cadmium and nickel electroplating, and molten salt deoxidation of titanium parts. Rinse water from metal surface finishing is segregated and treated through a continuous pretreatment system. Pretreatment

system consists of chrome reduction, hydroxide precipitation, coagulation and flocculation, clarification, and sludge dewatering. Cyanide bearing waste is directed through an ion exchange system and is recycled back to the process. Mop water and oily water waste are segregated into totes and waste hauled offsite for disposal.

July 1 – December 31, 2024

On July 11, 2024, OC San issued an NOV for the December 2023 cadmium and fluoride monthly average limit exceedances. On August 1, 2024, OC San issued an NOV for the May 2024 nickel monthly average limit exceedance.

On November 27, 2024, OC San issued a compliance requirement letter, requiring AIC-Knott to attend a compliance meeting to discuss the metal exceedances between September 2023 to May 2024. On December 5, 2024, AIC-Knott had cadmium daily average and loading daily average limit exceedances, for which an NOV will be issued in the next reporting period.

During the compliance meeting on December 18, 2024, AIC-Knott attributed noncompliance issues to 1) large barrel rinse tanks not being on a closed loop system, 2) improper connections, 3) incorrect drag out procedures, 4) pressure loss on the filter press, and 5) the lack of automation for fluoride treatment. As corrective actions, AIC-Knott connected the large barrel rinse to a closed loop system, corrected improper connections, provided refresher training to staff for proper drag out procedures, rebuilt the filter press hydraulic ram, and are evaluating an automated fluoride system.

In December 2024, AIC-Knott had a cadmium monthly average limit exceedance, for which an NOV will be issued during the next reporting period.

January 1 – June 30, 2025

On January 2, 2025, OC San issued a compliance requirement letter, requiring AIC-Knott to submit a corrective action report identifying the root cause of the cyanide, cadmium, nickel, and fluoride exceedances, and describing the facility's proposed efforts to achieve long-term compliance with permitted discharge limits.

On January 13, 2025, OC San issued an NOV for the December 5, 2024 cadmium daily average and loading daily average limit exceedances. During a compliance inspection on February 18, 2025, AIC-Knott stated the cadmium exceedances were due to improper drag out procedures.

On March 13, 2025, OC San issued an NOV for the December 2024 cadmium monthly average limit exceedance.

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

Alliance Medical Products, Inc. (Permit No. 1-541182)

Alliance Medical Products, Inc. (Alliance) is a manufacturer of medical surgical devices along with aqueous and injectable drugs which are produced under aseptic conditions. Medical devices include corneal storage media, ocular implants, and other clinical products. Other manufactured items include medical delivery devices, sterile ointments, and gels, as well as several clinical products that are considered combination products by the FDA. Wastewater is generated from the aseptic sterile filling process, cleaning of glassware in labs, production of steam for autoclaves, rinsing and cleaning of manufacturing equipment and tooling, and surplus injection water not utilized during a production run. The wastewater is discharged to the sewer without any form of treatment.

July 1 – December 31, 2024

Alliance had no violations during this reporting period.

January 1 – June 30, 2025

On April 15, 2025, OC San issued an NOV for failing to submit required drawings and information to OC San by the August 31, 2024 deadline, which included a slug control plan, updated facility plot plans, and a wastewater flow diagram.

On June 2, 2025, Alliance submitted the slug control plan, updated facility plot plans, and a wastewater flow diagram. Alliance has taken corrective actions to ensure long-term compliance. Therefore, no further action is required at this time and this enforcement case is closed.

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

Allied Electronics Services dba of Caltronics Circuits, LLC (Permit No. 1-011073)

Allied Electronics Services dba of Caltronics Circuits, LLC (Allied Electronics) is an independent printed circuit board shop that specializes in prototype development, quick turn-around, and small production orders for commercial applications. Wastewater is generated from rinses associated with cleaning, plating, etching, and other finishing operations. Spent solutions are hauled off-site for disposal. Treatment consists of a continuous pretreatment system with hydroxide precipitation and flocculation follow by solids settling prior to discharge. Settled solids are also hauled off-site for disposal.

July 1 – December 31, 2024

On September 16, 2024, OC San issued a compliance requirement letter summarizing the March 6, 2024 compliance inspection, and requiring Allied Electronic to submit a corrective action report for the January 2024 pH violation and an updated O&M Manual no later than November 16, 2024. Allied Electronic submitted a corrective action report and updated O&M Manual on November 13, 2024, attributing the noncompliance to failure to neutralize an acid solution used for rinsing equipment. Allied stated that the cleaning procedure would be updated to prevent further exceedances.

January 1 – June 30, 2025

Allied Electronic had no violations during this reporting period.

Allied Electronic has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

Alloy Die Casting, Co. dba ADC Aerospace (Permit No. 1-531437)

Alloy Die Casting, Co. dba ADC Aerospace (ADC Aero) is a non-ferrous metal former that manufactures diecast parts to customer's specifications from aluminum and zinc alloys. Molten metal is injected into a steel die cavity at a controlled temperature under high pressure. Once the metal part is cooled and has reached sufficient rigidity, the mold opens up and the part is ejected. After casting, the part will undergo manual pneumatic grinding or belt sanding, followed by wet deburring to clean, de-flash, and/or provide a surface finish. ADC Aero uses two batch treatment systems, both of which perform pH adjustment and metals removal through flocculation, while one performs oil & grease removal as well. The treated metal-bearing wastestream passes through a filter press, from which the filtrate is discharged to the sewer. The oil & grease wastestream is sent through an oil/water separator, from which the separated water is sent to the other batch treatment tank and the separated oil & grease is wastehailed.

July 1 – December 31, 2024

On July 1, 2024, OC San issued an NOV for the April 2024 zinc production-based monthly average limit exceedance.

In December 2024, ADC Aero had a zinc production-based monthly average limit exceedance, for which an NOV will be issued during the next reporting period.

January 1 – June 30, 2025

On February 5, 2025, OC San issued a compliance requirement letter, requiring ADC Aero to attend a compliance meeting to discuss multiple zinc production-based monthly average limit exceedances dating back to October 2023.

During the compliance meeting on February 20, 2025, ADC Aero presented their explanations for the exceedances. ADC attributed the zinc exceedances due to a colorimeter test kit providing potentially inaccurate results, and therefore they could not accurately verify compliance with the permitted discharge limits. ADC Aero is in the process of reviewing wastewater treatment procedures, updating internal treatment logs, and considering modifications to the current pretreatment system and pretreatment chemistry to ensure long-term compliance with permitted discharge limits.

On March 5, 2025, OC San issued an NOV for the December 2024 zinc production-based monthly average limit exceedance.

On March 31, 2025, OC San issued a compliance requirements letter, summarizing the February 20, 2025 compliance meeting, and required ADC Aero to submit an updated Operation and Maintenance Manual for the pretreatment system and a pretreatment system proposal to ensure long-term compliance with zinc discharge limits by June 1, 2025.

On May 22, 2025, ADC Aero had a zinc production-based daily average limit exceedance, for which an NOV was issued on June 16, 2025. This exceedance also caused a May 2025 zinc production-based monthly average limit exceedance, for which an NOV will be issued in the next reporting period.

On June 2, 2025, ADC Aero submitted an updated Operation and Maintenance Manual for the existing pretreatment system. ADC Aero also implemented new pretreatment chemistry to assist with zinc removal, and implemented. A formal maintenance schedule for the filter press to improve mechanical filtration and reduce solids carryover.

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

Alloy Tech Electropolishing, Inc. (Permit No. 1-011036)

Alloy Tech Electropolishing, Inc. (Alloy Tech) is an electropolishing job shop. Workpieces consisting of cast, stamped, or machined parts, and fabricated assemblies, are electropolished by manual rack techniques in six process tanks (100 to 2,000 gallons). Two tube processing stations handle tubing components. The processing of a typical part begins with metal preparation (alkaline cleaning, caustic cleaning, or nitric pickling to remove oxides and discoloration) followed by either passivation or electropolishing in a phosphoric/sulfuric acid solution. Passivation processes also may include nitric, dichromate, and citric acid. Alloy Tech also provides precision cleaning in the onsite Class 100 cleanroom. After ultrasonic alkaline cleaning, parts are rinsed with ultra-pure reverse osmosis deionized water, dried, purged with high-purity nitrogen, packaged, and sealed.

Wastewater generated at Alloy Tech comprises of spent alkaline cleaners, associated rinse wastestreams, and reject from the RO system. The RO reject is plumbed to a floor drain and does not pass through the sample point. Alloy Tech employs hydroxide chemical precipitation followed by a filter press.

A June 30, 2023 proposal submitted by Alloy Tech to remediate a molybdenum exceedance was rejected on January 24, 2024. Alloy Tech resubmitted a proposal on April 17, 2024 to address the molybdenum in its system.

July 1 – December 31, 2024

On July 9, 2024, OC San issued an NOV for the June 20, 2024 molybdenum instantaneous and daily average limit exceedances. On July 30, 2024, OC San issued a compliance requirement letter, accepting the April 17, 2024 proposal (and April 30, 2024 revised proposal) to enhance the treatment and removal of molybdenum. As part of the acceptance, OC San increased Alloy Tech's molybdenum self-monitoring sampling frequency.

On September 24, 2024, Alloy Tech had a molybdenum instantaneous and daily average limit exceedance, for which an NOV was issued on October 8, 2024. During a compliance inspection on November 13, 2024, a source of the molybdenum could not be identified, and Alloy Tech stated that the updated treatment procedure was being implemented.

On December 4, 2024, OC San issued a compliance requirement letter, requiring Alloy Tech to attend a compliance meeting in the next reporting period.

January 1 – June 30, 2025

During the compliance meeting on January 29, 2025, , Alloy Tech presented a proposal submitted on January 28, 2025 to add three particulate sock filters prior to wastewater entering Tank T1, and three ion-exchange canisters specifically selected to remove molybdenum to the outlet of Tank T2 prior to sewer discharge. Alloy Tech stated that they would submit a revised proposal in response to OC San's inquiry about breakthrough of the ion-exchange canisters.

On February 12, 2025, Alloy Tech submitted a revised proposal with updated process and pretreatment diagrams that depicted the use of a 1,000-gallon batch holding tank to be installed downstream of the proposed ion exchange canisters. Samples would be taken from the holding tank prior to wastewater discharge to the sewer.

On March 11, 2025, OC San issued a compliance requirement letter, summarizing the January 29, 2025 compliance meeting, and accepting Alloy Tech's revised proposal.

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

Aluminum Precision Products, Inc. (Alton). (Permit No. 1-071035)

Aluminum Precision Products, Inc. (Alton). (APP Alton) produces parts for aerospace, military, automotive and commercial applications, ranging from piston heads to window frames. The campus has a total of 11 hydraulic presses ranging from 300 to 3,500 tons.

Aluminum and associated dies are preheated at 750 degrees F. The heated metal is block formed in the first operation. Parts are quenched, then sent to one of two caustic etch lines to clean the mold release compound from the part. The etch lines consists of a caustic cleaner, acid cleaner, three countercurrent rinses, and a final hot deionized water rinse. Both etch lines are identical in layout and size. APP Alton has a continuous hydroxide precipitation pretreatment system.

July 1 – December 31, 2024

On August 22, 2024, APP Alton had a copper loading daily average limit exceedance, for which an NOV was issued on September 30, 2024.

During a compliance inspection on October 1, 2024, the wastewater treatment system appeared to be functioning properly and APP Alton noted operations at the facility have been consistent. APP Alton noted that they were closing out their final order of titanium forming products. However, the root cause of the copper violation could not be readily identified.

On October 31, 2024, OC San issued a compliance requirements letter, summarizing the compliance inspection as noted above. APP Alton previously submitted a corrective action report identifying the root cause of the copper exceedance and efforts to achieve long-term compliance with the permitted discharge limits.

January 1 – June 30, 2025

APP Alton had no violations during this reporting period. APP Alton has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

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

Aluminum Precision Products, Inc. (Susan) (APP Susan) manufactures parts for the aerospace, automotive, commercial, military/defense, recreational, and transportation industries. APP Susan's process consists of cutting of aluminum stock, pre-heating, hand forging into long rectangles, forming into the appropriate sizes, heat treatment, quenching, ageing, and ultrasonic testing where water is discharged as needed to the sewer. Wastewater is generated from quenching operations and is discharged in a batch process without pretreatment.

July 1 – December 31, 2024

During a compliance meeting on July 18, 2024 to discuss zinc and copper exceedances from the previous reporting period, APP Susan attributed the zinc exceedances to the galvanized steel rollers located on the non-destructive testing line. The rollers appeared to be corroding and were replaced in February 2024. APP Susan evaluated their treatment system and identified the source of the copper violations as the non-destructive testing line. The non-destructive testing line's wastewater bypasses the pretreatment system and flows through the polishing filter prior to the sample point. OC San and APP Susan also discussed the April 25, 2024 proposal to reroute the wastewater coming from the non-destructive testing line to activated charcoal filters and then into the receiving tank at the start of the pretreatment system.

On August 13, 2024, OC San issued a compliance requirement letter, summarizing the compliance meeting and accepting the proposal to reroute the non-destructive testing line to the treatment system. As part of the proposal acceptance, APP Susan was required to submit a wastewater characterization report, updated process flow diagrams, and an updated tank schedule by October 11, 2024.

On October 3, 2024, APP Susan submitted the afore-mentioned deliverables.

January 1 – June 30, 2025

On January 9, 2025 APP Susan had copper instantaneous, daily average, and loading daily average limit exceedances, and zinc instantaneous, daily average, and production-based loading daily average limit exceedances, for which an NOV was issued on March 5, 2025.

During a compliance inspection on April 2, 2025, APP Susan explained that the exceedances likely occurred due to incorrect wastewater disposal and replenishment practices during their annual maintenance activities in late December 2024 and January 2025. Depending on concentration and use, wastewater from some rinse tanks is wastehailed and replenished, while other rinse tanks do not have their water replenished. However, this procedure was not followed, and all rinse tanks had their existing water hauled away and replenished with new water.

On April 23, 2025, OC San issued a compliance requirement letter, stating that although no substantiating evidence was provided, APP Susan claims that the failure to follow procedure as described above caused the Hydrofloc polymer used in their treatment system to be ineffective in removing heavy metals from the wastewater. Regardless of pollutant loading from the influent wastewater, the treatment system should be maintained and operated in such a manner to maintain compliance at all times during discharge. OC San stated that APP Susan should review influent flows to the treatment system and verify the treatment system capacity is adequate, in addition to verifying that pH adjustment is operating to specifications to ensure optimal heavy metals precipitation. OC San directed APP Susan to submit a corrective action report identifying the root cause of the copper and zinc exceedances and present efforts to achieve long-term compliance with permitted discharge limits.

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

Amerimax Building Products (Permit No. 1-021102)

Amerimax Building Products, Inc. (Amerimax) coats large rolls of aluminum sheet material. The coils are precleaned with alkaline solution prior to conversion coating, painting, curing, and quenching. Wastewater generated from alkaline precleaning and quenching routes to a three-stage clarifier and discharges to the sample point and then to sewer.

During a routine facility inspection on June 18, 2024, OC San noted a change of ownership had occurred in March of 2024, for which OC San was not notified.

July 1 – December 31, 2024

On July 2, 2024, OC San issued an NOV for failing to notify OC San of the change in ownership, requiring the submission of a new permit application by July 31, 2024.

On September 13, 2024, the new ownership terminated site operations and vacated the leased property. Amerimax Building Products' permit was subsequently closed. Therefore, no further enforcement action is required at this time and this enforcement case is closed.

AnoChem Coatings (Permit No. 1-600295)

AnoChem Coatings (AnoChem) is a job shop anodizing facility. AnoChem's operations include anodizing, chemical etching, and coating. AnoChem primarily performs type II anodizing of customer-supplied aluminum parts. Parts are used in the automotive, aerospace, and medical industries. Aluminum parts received from the customers are cleaned in an alkaline detergent, subject to deoxidizing, and then anodized clear or dyed a color, followed by a nickel seal. Colored tanks include black, blue, red, gold, and maybe combined for several others. Cleaned aluminum parts may also be chem-filmed only and readied for corrosive resistant painting by third parties. Anochem also conducts passivation on stainless steel with nitric and citric acids.

Wastewater-generating operations include alkaline cleaning, deoxidizing, etching, chem-film, anodizing, dyeing, nickel sealing, and associated rinses. The wastewater undergoes continuous pH adjustment in the two-stage treatment tank prior to discharge to the sewer. Rinse water with potential for hexavalent chrome from chem-film operations is closed loop and recycled through ion exchange tanks with resin regenerated off-site.

In May 2024, AnoChem was issued a NOV for daily limit copper and nickel exceedances. During a compliance inspection, AnoChem attributed the exceedances to sludge build-up within the sample point box. A false bottom was installed within the sample point box instead of a grate. AnoChem changed their procedures to ensure that the sample box was cleaned out more frequently.

July 1 – December 31, 2024

On August 8, 2024, OC San issued an NOV for the April 2024 chromium, copper, nickel, and zinc monthly average limit exceedances. Anochem previously addressed these non-compliance as summarized above.

January 1 – June 30, 2025

AnoChem had no violations during this reporting period. Anochem has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

OC San will continue to monitor AnoChem'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 limit exceedances, for which two NOV's were issued in March 2022. During a compliance inspection conducted in March 2022, Arrowhead could not readily identify the root cause of the fluoride exceedances. 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 exceedances, 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 violation.

During a compliance meeting held in February 2023 after multiple fluoride exceedances from June to August of 2022, Arrowhead attributed the exceedances to ongoing continuous improvement of the treatment system. In response to a compliance requirements letter issued in March 2023, Arrowhead submitted a wastewater characterization and a short-term proposal to ensure long-term compliance with discharge limits. In June 2023, OC San issued a compliance requirement letter accepting a proposal to hold and test every batch of wastewater before discharge to the sewer.

July 1 – December 31, 2024

On July 12, 2024, Arrowhead had a fluoride production-based daily average limit exceedance, for which an NOV was issued on September 13, 2024. This exceedance also caused a July 2024 fluoride production-based monthly average limit exceedance, for which an NOV was issued on October 15, 2024. On July 22, 2024, OC San issued an NOV for the May 23, 2024 nickel production-based daily average limit exceedance. On August 8, 2024, OC San issued an NOV for the May 2024 fluoride and nickel production-based monthly average limit exceedances.

During a compliance inspection on August 21, 2024, Arrowhead stated that the previous Director of EHS was intermittently pumping water from the top of the reactor tank directly to the clarifier around the time of the exceedance. The polymer addition system failed around the same time, so the previous Director of EHS was using a five-gallon bucket with a hole at the bottom to slowly add polymer to the clarifier. Arrowhead stated they will implement a routine maintenance schedule for the wastewater treatment system and will retrain staff on the wastewater treatment system.

On September 4, 2024, OC San issued an NOV for the June 2024 fluoride production-based monthly average limit exceedance.

On October 30, 2024, Arrowhead submitted an addendum to the long-term compliance plan. The addendum indicated that the location of the fourth in-line fluoride monitoring unit would be located before a new digital flow totalizer. A programmable logic controller (PLC) monitoring system would be installed to allow real-time monitoring of fluoride discharged to the system and controls to divert wastewater to one of the three existing batch tanks. Two of the three batch tanks would be dedicated to this new process. From there, wastewater would be recirculated within the tank for mixing, tested for fluoride, and the wastewater would either be re-treated, wastehailed, or discharged to the sewer. In addition, Arrowhead would divert all air scrubber wastewater to one of the three batch tanks off-site disposal. Air scrubber wastewater would no longer be discharged to the sewer.

On October 31, 2024, OC San issued a compliance requirement letter, summarizing the compliance inspection conducted on August 21, 2024, and directed Arrowhead to submit a corrective action report and an updated O&M Manual by December 31, 2024. OC San received the required information on December 20 and 23, 2024.

On December 17, 2024, OC San issued a compliance requirement letter, directing Arrowhead to attend a compliance meeting in the next reporting period to discuss the recent fluoride and nickel exceedances.

January 1 – June 30, 2025

During a compliance meeting on January 15, 2025, the revised May 2024 long-term compliance proposal and October 2024 corresponding addendum were discussed. The corrective action report received in December 2024 was also discussed.

On April 21, 2025, OC San issued a compliance requirement letter, summarizing the January 15, 2025 compliance meeting, the revised long-term compliance proposal, corresponding addendum, and the December 2024 corrective action report. After review of Arrowhead's long-term compliance proposal and addendum, OC San accepted both documents under the condition that Arrowhead shall enter into a ECSA with OC San to implement the revised and accepted proposal and addendum.

During a compliance meeting on May 25, 2025, OC San reviewed the ECSA with Arrowhead. On June 3, 2025, OC San issued a compliance requirement letter, summarizing the May 25, 2025 compliance meeting, and requested a proposal addendum after determining that the in-line fluoride monitoring system required further clarification on the control system. On June 11, 2025, OC San received the requested addendum which included language describing how the PLC would divert wastewater when an exceedance was observed by the fluoride monitoring system, along with updated drawings.

During a compliance meeting June 24, 2025, OC San reviewed the ECSA and the proposal addendum. Arrowhead is expected to return the signed copies of the ECSA and continue with implementation in the next reporting period.

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

Aspire Bakeries

Aspire Bakeries (Aspire) is an industrial bakery, producing baked goods such as breads, cookies, and doughnuts for a variety of clients.

July 1 – December 31, 2024

Aspire had no violations during this reporting period.

January 1 – June 30, 2025

On January 8, 2025, OC San issued a compliance requirement letter, requiring Aspire identify representative sample point. During an industrial waste survey conducted in September 2023, it was observed that Aspire's facility generates wastewater from the cleaning and sanitizing of equipment as well as boiler and refrigeration equipment. Wastewater from the cleaning and sanitizing of equipment appeared to drain to several floor drains throughout the facility. It was also observed that Aspire's facility lacked a accessible sample point where a representative sample of industrial wastewater could be collected. OC San directed Aspire to submit a proposal to establish a representative sample point. A proposal was received by OC San on March 8, 2025.

On April 29, 2025, OC San issued a compliance requirement letter, responding to Aspire's March 8, 2025 proposal. Aspire proposed to install a new wastewater sampling port with a cast iron lid along the south side of the Aspire building. However, it was discovered that the sewer line that would be utilized to install the sample port conveys both domestic and industrial wastewater. OC San did not accept the proposal and directed Aspire to re-submit a proposal segregating domestic and industrial wastewater to establish a representative sample point which captures all industrial wastewater discharged to the sewer.

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

BAZZ HOUSTON CO. (Permit No. 1-031010)

Bazz Houston Co. (Bazz) manufactures springs, stampings, and various metal parts through machining and bending operations. Wastewater is primarily generated by deburring operations and is discharged into a sump.

July 1 – December 31, 2024

On January 4, 2024, Bazz had an O&G min. instantaneous, daily average, and loading daily average limit exceedance, for which an NOV was issued on July 8, 2024.

During a compliance inspection July 24, 2024, Bazz attributed the exceedances to non-routine maintenance of the sump/berm area where industrial wastewater is generated. The sump/berm floor had recently been recoated with an application of epoxy.

On November 7, 2024, OC San issued a compliance requirement letter that directed Bazz to attend a compliance meeting on November 14, 2024 to discuss the recent O&G min. exceedances.

During the compliance meeting, the January 2024 exceedance was attributed to non-routine maintenance to the sump area when the floor was recoated with epoxy. As corrective actions, Bazz has standardized work instructions and incorporated oil-only absorbent pads. Other proposed measures are operator training, periodic degreasing system maintenance, and the use of hot water during the degreasing process.

On December 9, 2024, a compliance requirement letter was issued to Bazz requiring updated drawings due January 31, 2025.

January 1 – June 30, 2025

On February 1, 2025, Bazz submitted the required manufacturing process layout, manufacturing process flow diagram, and wet process waste management flow diagrams.

Bazz had no further violations during this reporting period, therefore this enforcement case is closed.

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

Beverage Visions LLC (Yorba Linda) (Permit No. 1-601449)

Beverage Visions LLC (Beverage Visions) blends raw ingredients with water to produce beverages. Wastewater generated from equipment sterilization, boiler blowdown, and periodic water jet use for material fabrication discharges to a multistage clarifier then to sewer. The facility utilizes an automated pH adjustment system, which doses caustic and sulfuric acid to the clarifier's first stage.

A compliance inspection in February 2022 determined Beverage Visions' pretreatment system does not provide sufficient hydraulic retention for adequate pH adjustment. In March 2022, OC San issued a compliance inspection summary and requirements letter that directed Beverage Visions to submit a proposal to install an automated pH adjustment system. Beverage Visions had submitted several proposals between March 2022 and June 2023; however, OC San rejected each as specified operating parameters and peak flowrate were inconsistent with measured discharge. Moreover, several proposals lacked critical process equipment. As a result, OC San was unable to successfully evaluate the adequacy of the proposed treatment system. Beverage Visions submitted a proposal in early 2024 which was accepted by OC San January 14, 2024.

July 1 – December 31, 2024

With the acceptance of the proposal from Beverage Visions, OC San proceeded to draft an ECSA. OC San will finalize the ECSA and continue enforcement in the next reporting period.

January 1 – June 30, 2025

On May 6, 2025, OC San issued a compliance requirements letter, directing Beverage Visions to attend a compliance meeting. During the compliance meeting on May 21, 2025, OC San and Beverage Visions

discussed the contents of the ECSA. On June 23, 2025, OC San issued the fully executed ECSA to Beverage Visions, effective June 3, 2025.

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

Blower-Dempsey Corp. DBA Pacific Western Container (Permit No. 1-511371)

Blower-Dempsey Corp. DBA Pacific Western Container (PWC) is a manufacturer of custom cardboard containers with capabilities of flexographic printing, die cutting, and gluing corrugated board material. Wastewater is generated from flexographic printer plate washdowns, ink change outs, and floor mopping. Wastewater drains to below ground pits and a pump is manually turned on to pump wastewater to a holding tank where flocculant is added and mixed. Wastewater is checked for pH and adjusted with powder hydrated lime, if needed. Wastewater is then transferred into the ALAR system which uses a rotary drum vacuum filter and diatomaceous earth slurry. Filter cake solids are separated prior to sewer discharge.

July 1 – December 31, 2024

On July 12, 2024, PWC had a molybdenum instantaneous and daily average limit exceedances, for which an NOV was issued on July 30, 2024.

On September 25, 2024, PWC conducted required resampling in which molybdenum concentrations demonstrated compliance with the permitted discharge limits. PWC coordinated with their chemical supplier to investigate any inks which contain molybdenum. Although PWC's chemical supplier did not identify any direct inks or chemicals used containing molybdenum, PWC had no additional violations within the reporting period.

January 1 – June 30, 2025

PWC had no violations during this reporting period. Subsequent sampling has demonstrated compliance with discharge limits for the remainder of this reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

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

Blue Ribbon Container and Display, Inc. (Permit No. 1-601468)

Blue Ribbon Container and Display, Inc. (Blue Ribbon Container) is a full service creative and manufacturing facility that specializes in retail merchandisers, point of purchase & theatrical displays. Bulk cardboard of various sizes is received and resized to customer specifications and order requirements. Graphics are printed on the cardboard with water-based inks utilizing one of three printing machines. The printed cardboard is then cut utilizing an automated die cutting machine used to allow the cardboard to be folded to a box or display stand. Wastewater is generated from washing, rinsing, and cleaning of various machines and ink buckets, as well as general floor cleanup. Several sumps, where ink buckets can be washed, are located beside each printing machine and pump to a holding tank, which is transferred to a batch treatment tank. Flocculant is added to the wastewater and mixed. The wastewater is then transferred through a filter press, which flows through two, 60-gallon drums for additional solids removal prior to sewer discharge.

July 1 – December 31, 2024

On October 9, 2024, Blue Ribbon Container had molybdenum instantaneous, daily average, and loading daily average limit exceedances, for which an NOV was issued on November 12, 2024. Resample results collected on December 18, 2024 demonstrated molybdenum concentrations compliant with the permitted discharge limits.

On November 5, 2024, OC San issued an NOV for failing to inform OC San that the facility had underwent a change in ownership. OC San was informed in August of 2024 that Blue Ribbon Container underwent a change in ownership on July 24, 2024, for which OC San was not provided prior notification. OC San

required the new ownership of Blue Ribbon Container to submit a new permit application by November 30, 2024.

On November 18, 2024, OC San received the permit application from the new ownership of Blue Ribbon Container.

January 1 – June 30, 2025

Blue Ribbon Container and had no violations during this reporting period. As of January 31, 2025, Permit No. 1-601468 was void. Therefore, no further action is required at this time and this enforcement case is closed.

Bodycote Thermal Processing (Permit No. 1-031120)

Bodycote Thermal Processing strengthens aluminum through a series of flash heating and cooling processes. Wastewater generated from quench operations discharges to a material separation and recovery tank, then to the sewer.

On May 2, 2023, OC San conducted a facility inspection at which time OC San staff noted a slug discharge to the sewer. After review, Bodycote Thermal Processing determined site personnel inadvertently discharged glycol from the facility's material separation and recovery tank to the sample point. While Bodycote Thermal Processing responded to the slug discharge by collecting the remainder of the glycol discharged from the material separation and recovery tank, the facility failed to provide a written report in accordance with OC San's Ordinance and permit requirements. Moreover, the facility's plumbing and discharge configuration created a potential for additional slug discharges.

July 1, 2024 – December 31, 2024

On July 30, 2024, OC San issued an NOV for the slug discharge that occurred on May 2, 2023. As a result, OC San directed Bodycote Thermal Processing to submit: (1) a written report that characterized the slug discharge, and (2) a proposal to update its pretreatment system to prevent additional slug discharges.

On August 27, 2024, Bodycote Thermal Processing requested an extension, to which OC San accepted the request and amended the submittal deadline to September 30, 2024.

On October 2, 2024, Bodycote Thermal Processing notified OC San of a change in ownership. On November 4, 2024, the new ownership terminated site operations and facility discharge. The account corresponding to Bodycote Thermal Processing was closed. Therefore, no further enforcement action is required at this time and this enforcement case is closed.

Brea Power II, LLC (Permit No. 1-521837)

Brea Power II, LLC (Brea Power) produces electricity from landfill gas extracted from Olinda Alpha Landfill, firing the gas in boilers to produce steam for use in turbines and the production of electricity. Wastewater is generated from a combination of cooling tower blow down, boiler blow down, and landfill gas condensate (LFG). Pretreatment on site includes caustic dosage to the LFG to raise the pH within the range of 6.0-12.0 S.U. Hydrogen Peroxide is also injected downstream at the oil water separator on-site to minimize sulfide generation. A chemical mix is also injected downstream of the sample point to control hydrogen sulfide generation in OC San's sewer system.

July 1 – December 31, 2024

On August 27, 2024, Brea Power had a pH violation, for which an NOV was issued on September 19, 2024.

On September 26, 2024, Brea Power submitted their corrective action report to OC San which attributed the pH violation to excessive blowdown of the main cooling tower which increased the acidity of the wastewater discharge. As a corrective action, Brea Power permanently increased their caustic dosing rate to account for any future potential excessive cooling tower blowdown. In addition, Brea Power will perform daily monitoring of the pH at the sample point and optimize the pH adjustment system as necessary to maintain long term compliance.

On October 1, 2024, OC San collected a resample which demonstrated compliance with pH limits. Following implementation of the corrective actions, Brea Power had no further violations during the reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Brea Power had no violations during this reporting period.

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

Bristol Industries (Permit No. 1-021226)

Bristol Industries (Bristol) manufactures military specification fasteners, including nuts, bolts, washers, and rivets, as well as airplane window channels. Wastewater is generated from the metal finishing and metal forming operations, which include acid/alkaline cleaning; plating (silver, copper, nickel, chromium, and cadmium); anodizing; deburring; and associated rinses. Bristol operates a batch and a continuous pretreatment system. The continuous pretreatment system consists of an equalization tank, chrome reduction, cyanide destruction, hydroxide precipitation, pH adjustment, an effluent pH controller and recorder, final polishing ion exchange, scavenger ion exchange, filter press, Lamella clarifier, and an electrowinning system. The batch treatment system is used to treat spent process solutions.

July 1 – December 31, 2024

During a compliance inspection and resample on July 12, 2024 for the silver daily average limit exceedance observed on June 5, 2024, Bristol attributed the exceedance to an operator who did not adhere to standard procedures for the scavenger ion exchange (SIX) resin bed on initiating a resin regeneration based on effluent silver concentrations.

On July 19, 2024, Bristol submitted their corrective action report which provided further detail on their internal investigation and corrective actions. Bristol described a condition in the report that over time, the SIX resin bed reaches a saturation point when removing metals in the wastewater stream where the resin will continue to remove copper and cadmium at the expense of shedding silver ions. Bristol's wastewater treatment operators routinely sample effluent from the SIX for silver so the resin beds can be regenerated prior to a potential silver exceedance. Several corrective actions were implemented as a result of the violation, which included the following: (1) operating data reviewed by the environmental team leader was increased from once per day to three times per day, (2) standard procedures were updated and training of wastewater treatment operators on the frequency of the periodic analysis of silver was increased from four to five times per day to seven to eight times per day, (3) the SIX production spreadsheet was revised to notify operators and management if there is an upset with the lead resin bed, and (4) review of the age and condition of the resins in the SIX was initiated to determine if the resin beds may replacement with virgin resin. Resample results showed compliant levels of silver for the remainder of this reporting period.

Specific to silver, Bristol has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

In January 2025, Bristol had a fluoride production-based monthly average limit exceedance, for which an NOV was issued on April 10, 2025.

On April 17, 2025, Bristol submitted their corrective action report which provided further detail on their internal investigation and corrective actions. After consulting with the laboratory, Bristol attributed the exceedance to matrix interference using EPA 300.0 for total fluoride which caused a false result biased reading for fluoride of approximately ten times higher than historical results. As a corrective action, Bristol will specify SM-4500-F-C as the analytical method for determination of the total fluoride for future sampling events.

Subsequent sampling has demonstrated compliance with discharge limits for the remainder of this reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

In May and June 2024, Bristol had cyanide production-based monthly average limit exceedances, for which NOV's will be issued during the next reporting period.

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

Brothers International Desserts (North) (Permit No. 1-600583)

Brothers International Desserts (North) (Brothers North) 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.

July 1 – December 31, 2024

Brothers North had no violations during this reporting period.

January 1 – June 30, 2025

On April 1, 2025, OC San issued an NOV for failing to submit required drawings and information, which included a slug control plan, updated facility plot plans, and an operations and maintenance manual by the August 31, 2024 deadline.

On May 9, 2025, Brothers North submitted the slug control plan and the updated facility plot plan. On May 20, 2025, Brothers North submitted the operations and maintenance manual. Brothers North has taken corrective actions to ensure long-term compliance. Therefore, no further action is required at this time and this enforcement case is closed.

OC San will continue to monitor Brothers North'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.

July 1 – December 31, 2024

Brothers West had no violations during this reporting period.

January 1 – June 30, 2025

On April 1, 2025, OC San issued an NOV for failing to submit required drawings and information, which included a slug control plan, updated facility plot plans, and an operations and maintenance manual by the August 31, 2024 deadline.

On May 9, 2025, Brothers West submitted the slug control plan and the updated facility plot plan. On May 20, 2025, Brothers West submitted the operations and maintenance manual. Brothers West has taken corrective actions to ensure long-term compliance. Therefore, no further action is required at this time and this enforcement case is closed.

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

Cadillac Plating, Inc. (Permit No. 1-021062)

Cadillac Plating, Inc. (Cadillac) is a job shop metal finishing facility. Wastewater generating processes include alkaline and acid chloride zinc plating, bright tin plating, bright nickel plating, sulfuric anodizing, alkaline cleaning, acid activation, chromate conversion coating, chemfilm, and associated rinses. Cadillac engages in rack plating only. Cadillac operates a continuous hydroxide pretreatment system that consists

of pH adjustment, chrome reduction, flocculent addition, clarification, and sludge dewatering with a filter press. Spent solutions are treated in a batch pretreatment system consisting of hydroxide precipitation and filtration, with the effluent routed through the continuous pretreatment system for further treatment.

July 1 – December 31, 2024

During a routine facility inspection, on July 30, 2024, OC San noted Cadillac made facility modifications without prior written notification to OC San.

On October 7, 2024, OC San issued an NOV for failing to notify OC San of process changes. Cadillac was required to submit a proposal with updated drawings and flow diagrams by November 8, 2024. Cadillac submitted a proposal on November 6, 2024.

January 1 – June 30, 2025

On January 17, 2025, Cadillac had a zinc daily average limit exceedance, for which an NOV was issued on February 6, 2025. This exceedance also caused a January 2025 zinc monthly average limit exceedance, for which an NOV was issued on April 3, 2025.

During the compliance inspection on February 27, 2025, Cadillac explained that they had investigated the source of the exceedance and determined that their pH sensor was not working correctly and that may have contributed to inaccurate dosing of treatment chemicals. Cadillac also noted that the sample point had some solids buildup. The recent facility modifications did not appear to be the cause of the exceedance. As a corrective action, Cadillac replaced the pH sensor and began cleaning out the sample box every day. Per Cadillac's corrective actions received on March 25, 2025, staff were also retrained on the sensor cleaning and calibration procedures and the data obtained from the sensors is logged daily.

On April 24, 2025, OC San issued two compliance requirement letters: one for accepting the facility modifications, and one for accepting the corrective actions following the zinc exceedance.

Cadillac has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

Cali Chem Inc. dba Be Beauty (Permit No. 1-601976)

Cali Chem Inc. dba Be Beauty (Cali Chem) produces and packages various personal care products for the nail and spa industry such as lotions, gels, scrubs, mineral oils, and pastes. These products are blended on site, filled and packaged for sale. The blending and packaging equipment is washed and discharged to the sewer.

Cali Chem also receives bulk material and fills acrylic gels and acetone into smaller packages for sale. These are filled in dedicated lines and does not require any washing or changeouts.

Cali Chem had O&G min. exceedances in October 2023 and January 2024. During a compliance inspection in May 2024, it was noted that general housekeeping measures were inadequate to maintain long term compliance and the implementation of a treatment system was required.

July 1 – December 31, 2024

On July 24, 2024, OC San issued a compliance requirement letter, requiring Cali Chem to submit a wastewater characterization report, chemical inventory list, manufacturing processing drawings, and a proposal for a pretreatment system by September 30, 2024.

On November 5, 2024, OC San issued an NOV for failing to comply with compliance requirement letter and required Cali Chem to submit the items on November 30, 2024. Cali Chem has been in contact with OC San regarding procedure and requirements.

January 1 – June 30, 2025

On April 9, 2025, Cali Chem had a O&G min. daily average and instantaneous limit exceedance, for which an NOV was issued on June 10, 2025. On May 9, 2025, Cali Chem submitted a baseline monitoring report and tentative action plan, which provided oil and grease data from various sources and an interim plan for compliance.

On June 17, 2025, OC San issued a compliance requirement letter, accepting Cali Chem's tentative action plan and requiring Cali Chem to submit a proposal to install a pretreatment system to ensure long-term compliance, by August 30, 2025.

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

California Gasket and Rubber Corporation (Permit No. 1-521832)

California Gasket and Rubber Corporation (California Gasket) manufactures gaskets, washers, shims, custom O-rings, and precision-molded rubber products for a variety of industries. Production processes include bead blasting, burnishing, metal stamping, and rubber reforming and molding. Following metal stamping, metal parts are processed in a series of deburring and burnishing tanks for the removal of surface imperfections. Soap, metal finishing compounds, and anti-rust compounds are used in this operation. There are currently three mechanical tumblers, a circular vibratory deburrer, and two pressure testing tanks. Across from the process area, California Gasket operates a washing machine and two dryers. Wastewater from the tumblers, deburrer, and pressure testing tanks is discharged to the clarifier. Wastewater from the washing machine is not discharged through the clarifier but directly to the sample point. The washing machine removes water-soluble "mold release", which is non-hazardous and contains no constituents of concern.

In June 2024, a facility inspection was conducted, and a temperature measurement exceeded 60 degrees Centigrade which resulted in an OC San Ordinance violation. An NOV was issued on June 18, 2024 with a requirement to submit a proposal to maintain long-term compliance by August 2024.

July 1 – December 31, 2024

On July 26, 2024, California Gasket submitted a corrective action report noting that a pump had overheated due to a blockage causing the temperature increase. California Gasket noted the issue was resolved by implementing a maintenance schedule to remove sludge on a monthly basis to prevent blockages.

On September 3, 2024, OC San issued a compliance requirement letter accepting the corrective actions. California Gasket had no further violations during this reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

California Gasket had no violations during this reporting period.

OC San will continue to monitor California Gasket'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 requirements letter requiring Cargill to develop a stormwater mitigation plan to divert stormwater from sewer discharge. From 2020 to 2023, Cargill submitted multiple proposals to prevent the discharge of stormwater to the sewer.

After a compliance inspection in January 2023, OC San issued a compliance requirements letter accepting Cargill's proposal to operate diversion valves in various areas to prevent the discharge of stormwater to the

sewer and to cap all sanitary sewer drains. OC San required Cargill to implement a system for easy visual identification of valve configuration and to provide a proposal to mitigate stormwater from the drains by the Rail Car area and a revised proposal for the Packing Truck Receiving area. While Cargill made some progress in posting sign for valve positioning, extensions were requested for other compliance schedule deliverables.

In July 2023, OC San issued a letter to Cargill, informing them that an enforcement compliance schedule agreement (ECSA) was required due to the extensive duration required to complete the necessary installations and modifications. OC San continued to work with Cargill on multiple revisions to the draft ECSA and submittals from Cargill regarding proposals to mitigate stormwater intrusion at the Rail Unloading Area, Packing Truck Receiving Area, and Rail Unloading Area.

July 1 – December 31, 2024

OC San and Cargill continued discussions related to proposals regarding stormwater compliance, specifically the Rail Car area and Packing Truck Receiving area.

January 1 – June 30, 2025

On March 3, 2025, OC San issued an executed ECSA to Cargill to address the remaining stormwater non-compliance issues, effective February 24, 2025. On March 31, 2025, in accordance with the ECSA, Cargill submitted an interim compliance proposal, proposing to discharge collected stormwater from the Rail Unloading Area sump to sewer.

On May 1, 2025, OC San issued a compliance requirement letter, accepting Cargill's proposal to address the rail unloading area, but required the resubmittal of an interim stormwater compliance proposal by May 31, 2025. On May 30, 2025, Cargill submitted an interim compliance proposal, proposing to collect and store comingled stormwater from the Rail Unloading Area and wastehaul with no discharge to sewer.

On June 4, 2025, OC San issued a compliance requirement letter, accepting the interim stormwater compliance proposal.

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

City of Anaheim, Public Utilities Dept. - Water Services (WRF) (Permit No. 1-521843)

City of Anaheim Public Utilities Department – Water Services (City of Anaheim) owns and operates a water recycling facility that serves as a small-scale demonstration project to educate the public of innovative water solutions by producing reclaimed water for various reuse applications (e.g. irrigation). Treatment processes include biological treatment, filtration, and advanced disinfection. Waste streams generated from filtration and membrane maintenance are subjected to pH adjustment prior to discharge to the sanitary sewer.

July 1 – December 31, 2024

City of Anaheim no violations during this reporting period.

January 1 – June 30, 2025

On May 22, 2025, City of Anaheim had three pH violations, for which an NOV was issued on June 16, 2025. On June 26, 2025, City of Anaheim had notified OC San that the water recycling facility was offline and that it plans to decommission the facility.

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

CJ Foods Manufacturing, LLC (Permit No. 1-521849)

CJ Foods Manufacturing, LLC (CJ Foods) manufactures, packages, and distributes dumplings. Wastewater is generated by the cleaning and sterilization of processing and packaging equipment along with some

other miscellaneous washdown. Pretreatment consists of pH adjustment with sodium hydroxide in a 5,000-gallon underground clarifier.

CJ Foods had a pH violation in February 2024.

July 1 – December 31, 2024

During a compliance inspection on September 24, 2024 to discuss the noncompliant pH detected on February 21, 2024, CJ foods noted corrective actions of adjusting the pH dosing range to control between 9.0 and 9.5. CJ Foods implemented pH monitoring, which is a manual process and tracked through text messages.

January 1 – June 30, 2025

On January 13, 2025, OC San issued a compliance requirement letter, requiring a proposal to install a continuous data logger and a plan to cease noncompliant discharge by February 14, 2025. CJ Foods made contact with permit engineer and requested an extension of the due date to February 28, 2025.

On April 24, 2025, CJ Foods submitted a proposal for a pH adjustment system and is under review by OC San.

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

Cla-Val Co. Div. of Griswold Industries (Permit No. Z-361103)

Cla-Val Co. Div. of Griswold Industries (Cla-Val) manufactures industrial valves for waterworks, fire protection, aerospace fueling, and marine markets. Metal castings are formed via sand casting/molding processes using molten metal, sand, and binders. Cla-Val has a Zero Discharge Certification and all wastewater is hauled off-site.

July 1 – December 31, 2024

Cla-Val had no violations during this reporting period.

January 1 – June 30, 2025

During an inspection on March 12, 2025, OC San noted an inlet an outdoor area of the facility in which storm water discharges to OC San's Sewerage Facilities. Cla-Val states the drain prevents flooding of the lot due to a nearby power transformer.

On April 2, 2025, OC San issued an NOV requiring Cla-Val to submit a proposal to eliminate storm water discharge to the sewer.

OC San will continue enforcement during the next reporting period and continue to monitor Cal-Val on an annual 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 pH adjusted in the sump and discharged to equalization tanks and then to the sewer.

In October 2021, OC San conducted a compliance inspection where Coastline was notified that multiple rinses running without processing parts through those rinses is considered dilution and is prohibited by OC San's Ordinance. OC San issued a compliance requirement letter, requiring Coastline 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.

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.

From January to July 2023, Coastline submitted multiple proposals which failed to provide a system to achieve long-term compliance with pH limits. Coastline had another pH violation in June 2024.

July 1 – December 31, 2024

During a compliance inspection on July 8, 2024, Coastline attributed the pH violation from June 2024 to numerous issues on the date of violation which included: 1) the lack of a sump pump to recirculate wastewater during pH adjustment, 2) the low pH alarm was non-functional due to relay issues, 3) a blockage in the recirculation line causing false pH readings, 4) a non-operable pH controller, 5) an imbalance in water use, and 6) insufficient procedural control to cease noncompliant discharge.

On August 21, 2024, OC San issued a compliance requirement letter which required the submittal of a proposal to install best available technology with pH adjustment by October 31, 2024. Coastline has been in contact with OC San to provide updates and submitted the proposal on December 10, 2024.

January 1 – June 30, 2025

Coastline's proposal is under review by OC San. Coastline had no violations during this reporting period.

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

Columbine Associates (Permit No. 1-602149)

Columbine Associates (Columbine) is a crude oil producer. Four oil wells are currently pumping crude oil. Wastewater is generated from the separation process of oil and water. Crude oil and produced water are separated in a wash tank, where oil is skimmed from the top and pumped into one of two oil stock tanks, and produced water is pumped to a holding tank. Produced water is then pumped through a clarifier prior to discharge to the sewer.

July 1 – December 31, 2024

Columbine had no violations during this reporting period.

January 1 – June 30, 2025

On January 9, 2025, Columbine had an O&G min. daily average and instantaneous limit exceedance, for which an NOV was issued on March 18, 2025.

During the compliance inspection on April 9, 2025, Columbine noted that the crude oil production rate was normal over the past several months. In response to the exceedance, Columbine pumped out their clarifier and cleaned the air filter for the clarifier's aeration pump on April 7, 2025. Columbine mentioned that the

clarifier is pumped out as needed but will shift to having it pumped out on a quarterly basis. A root cause could not be identified during the inspection.

On April 21, 2025, OC San issued a compliance requirement letter, summarizing the compliance inspection and required Columbine to submit a corrective action report identifying the root cause of the O&G min. exceedance and propose a solution to maintain long-term compliance with permitted discharge limits. The corrective action report was received on May 11, 2025. In addition to the aforementioned changes, Columbine will inspect the water quality in the clarifier on a daily basis.

Columbine has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

Corru-Kraft Buena Park (Permit No. 1-600806)

Corru-Kraft Buena Park (Corru-Kraft) manufactures corrugated sheets by combining paper using starch-based adhesive, steam, and hydraulic pressure. The starch adhesive is prepared onsite and pumped to the processing equipment. Wastewater is generated from the washing of the starch mixing tank, boiler blow-downs, and several corrugating equipment lines following production. Wastewater discharges through a four-stage underground clarifier which is equipped with an automated pH adjustment system. Wastewater is monitored for pH and pH adjusted prior to discharge to the sewer.

July 1 – December 31, 2024

Corru-Kraft had no violations during this reporting period.

January 1 – June 30, 2025

On June 26, 2025, OC San issued Corru-Kraft an NOV for failing to inform OC San that of a change in ownership. OC San required the new ownership of Corru-Kraft to submit a new Class 1 Wastewater Discharge Permit Application by July 31, 2025. OC San also required the previous ownership of Corru-Kraft to submit a Request to Close Account form by July 15, 2025.

OC San will continue to monitor Corru-Kraft's discharge and compliance status on quarterly basis.

Corru-Kraft Fullerton (Permit No. 1-601450)

Corru-Kraft Fullerton (Corru-Kraft) manufactures corrugated sheets by combining paper using starch-based adhesive, steam, and hydraulic pressure. The starch adhesive is prepared onsite and pumped to the processing equipment. Wastewater is generated from the washing of the starch mixing tank, boiler blow-downs and several corrugating equipment lines following production. Corru-Kraft utilizes an automatic pH adjustment system, after which wastewater passes through a four-stage underground clarifier prior to discharge to the sewer.

In July 2018, March 2019, April 2020 and February 2021, Corru-Kraft had several pH violations. In April 2021, OC San conducted a compliance inspection, during which Corru-Kraft attributed the source of the violations to the fermentation of the stagnant wastewater in their clarifier. OC San identified that pH treatment may be required to ensure consistent compliance. In May 2021, OC San issued a compliance requirement letter requiring Corru-Kraft to submit a proposal for a pH adjustment system by June 30, 2021.

July 1 – December 31, 2024

Corru-Kraft had no violations during this reporting period.

January 1 – June 30, 2025

On June 25, 2025, OC San issued Corru-Kraft an NOV for failing to inform OC San that of a change in ownership. OC San required the new ownership of Corru-Kraft to submit a new Class 1 Wastewater

Discharge Permit Application by July 15, 2025. OC San also required the previous ownership of Corru-Kraft to submit a Request to Close Account form by July 15, 2025.

OC San will continue to monitor Corru-Kraft's discharge and compliance status on quarterly basis.

CR&R Inc. Lampson (Permit No. 1-602569)

CR&R Inc. Lampson (CR&R) is a vehicle hub for trash trucks, transfer semi's, street sweepers, and plastic residential trashcans. A wastewater discharge permit has not been issued to the facility at this time. CR&R's goal is to implement improvements at the southern lot to collect wastewater from vehicle washdown and residential bin washing.

July 1 – December 31, 2024

CR&R had no violations during this reporting period.

January 1 – June 30, 2025

On April 16, 2025, OC San issued two NOVs for discharging without a valid permit and stormwater discharge. In response, on June 12, 2025, CR&R submitted documentation stating they have ceased discharge from the unpermitted bin washing and backfilled the stormwater sump.

OC San will continue enforcement during the next reporting period.

Dae Shin USA, Inc. (Permit No. 1-031102)

Dae Shin USA, Inc. (Dae Shin) cleans and dyes various types of textiles supplied by outside manufacturers. Dye solutions and the associated cleaning and rinsing steps from the process line equipment are the only sources of wastewater at this facility.

July 1 – December 31, 2024

On December 10, 2024, OC San issued a probation order for non-payment of invoices due January 3, 2025. Dae Shin submitted a close of account form and the permit was void as of December 31, 2024. Therefore, no further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Dae Shin had no violations during this reporting period.

OC San will continue to monitor the site's wastewater discharge status.

Data Solder, Inc. (Permit No.1-521761)

Data Solder, Inc. (DS) is a job shop printed circuit board manufacturing facility. Panels are typically masked upon arrival to the facility. The panels are pre-cleaned and processed on a conveyORIZED process line with a ferric chloride microetch and flux. Panels are then soldered in a hot air solder leveling (HASL) machine and post cleaned using clean city water. The HASL operation is a transport mechanism that submerges the panel in a reservoir of molten solder and then through jets of hot air, coating the exposed copper with solder. Residual flux is removed in a post clean operation.

Wastewater is accumulated through intermittent rinses associated with the cleaning operations, as well as batch treatment of the spent microetch solution. The wastewater treatment system includes continuous and batch treatment utilizing hydroxide precipitation, flocculation, clarification, and neutralization. The sample box is above ground and has continuous pH monitoring.

A compliance inspection was conducted in April 2024 after DS had a monthly violation for lead in April 2023, during which a cause for the violation was not readily identified.

July 1 – December 31, 2024

On September 18, 2024, OC San issued a compliance requirement letter, requiring DS to submit a corrective action report by November 18, 2024 that identifies the root cause of the monthly lead limit violation observed in April 2023.

On December 9, 2024, OC San issued an NOV for failing to inform OC San of a change in ownership which occurred in August 2024. DS is required to apply for a new permit and submit a close of account form by January 31, 2025.

In December 2024, DS had a lead monthly average limit exceedance, for which an NOV will be issued in the next reporting period.

January 1 – June 30, 2025

Due to the change of ownership, the NOV for the lead monthly average limit exceedance from December 2024 was not issued.

DS's Permit became void as of May 31, 2025, and a new Class 1 wastewater discharge permit was issued, effective June 1, 2025. No further action is required at this time and this enforcement case is closed.

Dentium USA (Permit No. Z-602501)

Dentium USA (Dentium) is a dental implant manufacturer. Dentium uses titanium to manufacture the implants. After machining, the implants undergo a series of finishing processes. The processes include sand blasting, acid etching with nitric acid, steam cleaning, and a DI wash. Rinse waters from the etching, stream cleaning and DI washes are discharged directly to a sink. The etch room is equipped with an aqueous air scrubber and the discharge from the system is manually collected in a 5-gallon bucket and discharged to the sewer. There is also a three-rinse system in a clean room for final processing.

July 1 – December 31, 2024

During an industrial waste survey on August 21, 2024, OC San observed the manufacturing operations at Dentium and informed Dentium staff that the operations are subject to the metal finishing point source category.

On November 27, 2024, OC San issued an NOV for discharging wastewater to the sewer without a permit, and to apply for either a Class I Wastewater Discharge Permit or a Zero Discharge Certification by December 31, 2024.

January 1 – July 2025

On February 24, 2025, OC San performed an inspection and confirmed that Dentium ceased industrial wastewater discharge from the acid etching operations; however, OC San confirmed Dentium continues to discharge other sources of regulated non-domestic wastewater to the sewer. Dentium also did not submit a comprehensive permit application to OC San. Dentium was made aware to cease all regulated non-domestic wastewater discharged to the sewer as Dentium does not hold a valid Discharge Permit with OC San.

On March 11, 2025, OC San issued an order to terminate discharge without a valid permit due to failure to submit a permit application by December 31, 2024. On March 18, 2025, OC San received a completed zero discharge certification application.

On March 28, 2025, correspondence from Dentium confirmed that they ceased discharge of all regulated non-domestic wastewater to the sewer. Dentium also provided photos of sealed floor drains and plumbing of regulated non-domestic wastewater to be hauled off-site for disposal.

On May 1, 2025, OC San issued a new zero discharge certification (Z-602501) to Dentium. No further actions is required at this time and this enforcement case is closed.

OC San will continue to monitor Dentium's compliance status on an annual basis.

Dr. Squatch Bricc City (Permit No. 1-602045)

Dr. Squatch Bricc City (Dr. Squatch) manufactures cold processed bar soaps for personal hygiene. Bulk raw materials (oils, butters, clay, salt, and fragrances) are compounded and pre-mixed for production. Pre-blended materials are mixed with sodium hydroxide lye which raises the temperature. The soap mixture is poured into either small or large molds and allowed to cure prior to packaging and shipping offsite to the end user.

Wastewater is generated from the cleaning, washing, and rinsing of mold trays and conveyor belts. Wastewater conveys to an underground clarifier and sample box prior to discharge.

On June 18, 2024, Dr. Squatch submitted a corrective action plan which attributed previous O&G-min. exceedances in May 2024 to lack of regular maintenance of the grease trap downstream of the dishwashing unit, resulting in excess solids in the wastewater discharge. Corrective actions identified by Dr. Squatch in their report included contracting with a third-party vendor to pump out the grease trap and develop a regular maintenance schedule for routine cleaning of the grease trap to remove excess solids.

July 1 – December 31, 2024

During a compliance inspection on July 3, 2024, OC San collected a resample, and Dr. Squatch provided details of their new maintenance schedule. Records showed the grease trap had been pumped out on June 29, 2024.

On July 3, 2024, Dr. Squatch had O&G min. instantaneous and daily average limit exceedances, for which an NOV was issued on August 22, 2024. On October 8, 2024, OC San issued a compliance requirement letter, requiring Dr. Squatch to attend a compliance meeting.

During the compliance meeting on November 6, 2024, Dr. Squatch summarized implementation of two corrective actions, which consisted of installing a larger capacity grease trap, and implementing more stringent general housekeeping throughout the facility.

On November 13, 2024, Dr. Squatch had O&G min. instantaneous, daily average, and loading daily average limit exceedances, for which an NOV will be issued in the next reporting period. On November 26, 2024, OC San issued a compliance requirement letter, requiring Dr. Squatch to submit a waste management plan with an estimated schedule to include a waste characterization report, proposal for pretreatment of O&G min., and an Operations and Maintenance (O&M) Manual.

On December 4, 2024, Dr. Squatch had O&G min. instantaneous, daily average, and loading daily average limit exceedances, for which an NOV was issued on December 31, 2024.

January 1 – June 30, 2025

On January 14, 2025, OC San issued an NOV for the November 13, 2024 O&G min. instantaneous, daily average, and loading daily average limit exceedances. On January 29, 2025, Dr. Squatch had O&G min. instantaneous and daily average limit exceedances, for which an NOV was issued on March 18, 2025. On February 4, 2025, Dr. Squatch had O&G min. instantaneous and daily average limit exceedances, for which an NOV was issued on March 11, 2025.

On February 7, 2025, Dr. Squatch submitted a Waste Management Plan which provided an estimated schedule for installing a new pretreatment system and milestone dates for submittal of deliverables, such as a Waste Characterization Report, pretreatment proposal, and Operations and Maintenance (O&M) Manual.

On April 3, 2025, Dr. Squatch had O&G-min. instantaneous, daily average, and loading daily average limit exceedances, for which an NOV will be issued in the next reporting period. On April 22, 2025, OC San issued a compliance requirement letter, requiring Dr. Squatch to attend a compliance meeting.

During the compliance meeting on May 20, 2025, OC San and Dr. Squatch reviewed recent O&G min. exceedances, discussed the schedule and implementation of the waste management plan, and reviewed the draft ECSA.

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

Ducommun Aerostructures, Inc. (Permit No. 1-021105)

Ducommun Aerostructures, Inc. (Ducommun) uses fabrication, machining, and a wet chemical milling process to produce components for the aeronautical industry. In addition to the component manufacturing capabilities, Ducommun operates as a job shop supplying chemical milling services on customer supplied parts. Used on flat sheet, formed, cast, or forged aluminum components, the process can chemically mill selected areas to produce features, size parts, or reduce weight while maintaining the parts structural strength. The wet process is routinely used to remove material to close tolerances from fuselage and wing skins, and other complex contoured parts. Wastewater is generated by the aqueous fume scrubbing, the steam regeneration of the carbon solvent-recovery system, the spent acid deoxidation and soap cleaning solutions, and the associated rinse wastestreams.

The wastewater treatment system at Ducommun consists of a continuous treatment system (pH adjustment tank, equalization tank, 5-stage clarifier, and filter press) and a batch treatment system (holding tank, diatomaceous earth filter, reaction tank, and filter press). These rinses are collected in trenches and flow to a pH neutralization tank where the pH is adjusted with spent deoxidizing solution or sulfuric acid. The water is then pumped to a rectangular equalization tank where calcium polysulfide is added as a stabilizing flocculant. After wastewater is treated, it then gravity flows to a 5-stage rectangular clarifier, pH adjusted, and then discharged to the sewer.

July 1 – December 31, 2024

Ducommun had no violations during this reporting period.

January 1 – June 30, 2025

In March 2025, Ducommun had a copper monthly average limit exceedance, for which an NOV was issued on June 2, 2025.

A corrective action report was received on June 3, 2025, noting a new weekly cleaning of their trench line to reduce sludge buildup coming from rinsate and nitric acid rinse. The trench line discharges to the pH adjustment tank. Subsequent sampling has demonstrated compliance with discharge limits for the remainder of this reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

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

Eco Pure LLC (Permit No. 1-601406)

Eco Pure LLC (Eco Pure) employs chemical hydrolysis of pets using potassium hydroxide, and sodium hydroxide, and CO₂. The cycle starts with adding potassium hydroxide and sodium hydroxide to the tank and heating the tank to 205°F using steam. The cycle takes 22-23 hours to be completed. When the process is completed, the PET-550 system injects CO₂ to adjust the pH, and the system is programmed to lower the temperature to 110°F. When cycle is complete, the wastewater is pumped through a 600-micron filter and into the sewer. The final discharge temperature is measured by a sensor located at the discharge of the pump. Samples are collected through a sample port located on the discharge pipe. Before initiating the discharge, a sample will be collected to check the pH. If the pH is high, additional CO₂ injections will occur. The tank is equipped with two mixers and can hold up to 4,000 lbs of pets, but normally operates at 3,000 lbs. This is equivalent to 600 gallons of wastewater.

July 1 – December 31, 2024

On August 20, 2024, OC San issued an NOV for failing to comply with permit requirements to notify OC San of process changes. Eco Pure installed a second hydrolysis machine without prior notification and without OC San's acceptance.

On August 20, 2024, OC San issued a compliance requirement letter, accepting Eco Pure's proposal to install a second hydrolysis machine with the condition that Eco Pure submit a proposal to install an effluent holding tank to hold all wastewater generated during a 24-hour period prior to discharge to the sewer. The holding tank is required to provide representative sampling during a 24-hour period.

January 1 – June 30, 2025

On January 22, 2025 Eco Pure was issued a probation order for failure to pay invoices by the required due dates.

On May 31, 2025 Eco Pure's permit and financial account were closed. Eco Pure moved to a new location and are now operating under a new permit which went into effect on August 1, 2025.

No further action is required at this time and this enforcement case is closed.

El Toro Meat Shop (Permit No. 2-012156)

El Toro Meat Shop (El Toro) is a grocery store and taco restaurant. Wastewater is generated from food preparation activities. Wastewater passes through an underground clarifier prior to sewer discharge.

On May 14, 2024, OC San issued an NOV in response to an OC San sampling device being tampered with on March 15, 2023. OC San required El Toro to submit a proposal to secure the sampler or provide a more secure sample location. El Toro submitted a proposal to provide third-party security personnel to secure OC San's sampler.

July 1 – December 31, 2024

On August 14, 2024, OC San issued a compliance requirement letter, rejecting El Toro's proposal submitted on June 21, 2024 due to liability issues associated with a third-party securing OC San assets. El Toro was directed to submit another proposal to OC San.

On August 20, 2024, El Toro submitted a revised proposal to purchase a storage shed that would be temporarily installed in the parking lot during sampling events to store OC San's sampler overnight. The shed would be secured with 50-pound sandbags or latches cemented into the asphalt.

On December 9, 2024, OC San issued a compliance requirement letter, accepting the proposal under the conditions that the shed shall be secured with four latches, as described in the proposal, and that the shed shall be locked by OC San staff during sampling.

On December 19, 2024, El Toro had a pH violation, for which an NOV will be issued in the next reporting period.

January 1 – June 30, 2025

On January 6, 2025, OC San issued an NOV for the December 19, 2024 pH violation.

On May 22, 2025, El Toro had a pH violation for which an NOV will be issued in the next reporting period.

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

During 2022, RMF had violations for nickel, copper, and cadmium, which they attributed to damaged equipment. In January, April, and May of 2023, RMF had additional violations for cadmium but failed to

provide any information related to a source or corrective actions. RMF has submitted multiple proposals that have failed to effectively address the non-compliance issues and provide a system to maintain long-term compliance. RMF has also failed to provide a wastewater characterization report. Additionally, RMF continues to send concentrated floor wastes to the continuous treatment system, which contributed to discharge limit exceedances as a result of inadequate treatment. RMF has failed to address this issue and implement a solution to maintain compliance with discharge limits.

July 1 – December 31, 2024

On August 1, 2024, OC San issued an NOV for the May 2024 cadmium monthly average limit exceedance.

On September 5, 2024, OC San provided acceptance for portions of RMF's pretreatment system proposal to increase the size of the chrome reduction and precipitation tank, and to replace the current and deteriorating clarifier with a larger lamella style clarifier. In addition to the proposal acceptance, OC San also required RMF to submit results of a 10-day study of floor wastes concentrations routed to the existing pretreatment system, develop updated process flow and instrumentation diagrams, modify the pretreatment system drawings, and submit follow-up for the cadmium portion of the proposal.

In August 2024, RMF had cadmium and nickel monthly average limit exceedances, for which an NOV was issued on November 1, 2024. On October 22, 2024, RMF had a nickel loading daily average limit exceedance, for which an NOV was issued on November 27, 2024. This exceedance also caused an October 2024 nickel monthly average limit exceedance, for which an NOV will be issued in the next reporting period.

OC San will review the pretreatment system upgrades and additional proposals received.

January 1 – June 30, 2025

On January 7, 2025, OC San issued an NOV for the November 2024 nickel monthly average limit exceedance.

On January 9, 2025, OC San conducted a pre-permit renewal inspection. OC San verified installation of the new larger lamella clarifier and increased sized chrome reduction and precipitation tank that was accepted in the previous reporting period. RMF discussed that in the near future a subsequent proposal will be submitted to OC San to divert floor wastes for batch treatment.

On February 24, 2025, RMF submitted a preliminary pretreatment system proposal for floor wastes to be segregated from the continuous treatment system and instead diverted for batch treatment. OC San responded that the proposal required clarification and more information. OC San required RMF to complete a wastewater characterization report of all wastestreams to the proposed batch treatment system and to the existing pretreatment systems, an updated pretreatment system layout diagram, and an updated Operations and Maintenance Manual.

On June 20, 2025, RMF submitted a wastewater characterization report and an updated Operations and Maintenance Manual; however, a complete revised proposal was not submitted. In response, OC San required RMF to update and submit a revised proposal clarifying how floor wastes will be managed.

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

Embee Processing (Anodize) (Permit No. 1-600456)

Embee Processing (Anodize) (Embee) specializes in anodizing, chromating, cadmium plating, and passivation for aerospace, commercial, industrial, medical, military/defense, and transportation applications. Embee performs various operations on parts including general machining, grinding, honing, sand or glass-bead blasting, and surface masking prior to proceeding to the wet processes. Surface finishing generally proceeds by alkaline degreasing or acid deoxidizing, rinsing, finishing (alodine, boeing seal, chromic anodize, color dye, dichromate seal, hard anodize, nickel seal, passivate, sodium dichromate,

or sulfuric anodize), rinsing, masking removal, and drying. All wet finishing operations, including barrel, basket, hoist, rack, and wire process techniques, are manually controlled. Embee receives wastestreams generated from the wet operations in several buildings. These wastestreams are generated by acid/alkaline cleaning, black chromating, cad coating, cadmium plating, cadmium stripping, chromic dip, copper stripping, electrocleaning, Iridite, nickel strike, nital hydrochloric etch, nital hydroxide etch, rustproof dip, silver plating, silver strike, silver stripping, sour acid dip, titanium cadmium plating, unichrome 95 A, and zinc phosphating. Also discharged through Embee's sampling point are batch-treated wastes generated from the chrome, zinc, and nickel-plating operations, as well as RO rejects from two RO systems. Embee performs hexavalent chrome reduction, cyanide destruction, ion exchange for all continuous rinses, and utilizes a filter press for solids removal.

In November 2023, Embee had a cyanide exceedance, for which an NOV was issued in January 2024. During a compliance inspection in February 2024, Embee staff could not identify the root cause of the exceedance.

July 1 – December 31, 2024

On October 31, 2024, OC San issued a compliance requirement letter, requiring Embee to submit a corrective action report by December 31, 2024, identifying the root cause of the cyanide exceedance that occurred on November 21, 2023.

January 1 – June 30, 2025

On February 25, 2025, Embee had cadmium instantaneous, daily average, and loading daily average limit exceedances, for which an NOV was issued on March 18, 2025. This exceedance also caused a February 2025 cadmium monthly average limit exceedance, for which an NOV was issued on May 7, 2025.

During a compliance inspection on April 7, 2025, it was discovered that there were three valves and hard piping that connected to the top of the cyanide batch treatment tank and three valves and hard piping that connected to the top of the heavy metal batch treatment tank, allowing wastewater to potentially bypass the respective filter presses and discharge to a sump and subsequently to the sewer. Filter socks were observed at each discharge point of the hard plumbing that bypassed the filter presses. The filter sock at the discharge point of the heavy metal batch treatment tank was observed to have visible brown staining.

On April 22, 2025, OC San issued a compliance requirement letter, requiring Embee to submit a corrective action report identifying the root cause of the cadmium exceedance and the facility's efforts to achieve long-term compliance with permitted discharge limits and submit updated pretreatment system drawings.

On June 11, 2025, Embee submitted a corrective action report with pictures and updated drawings, stating that the hard piping connected to both batch treatment tanks that was bypassing the filter presses was disconnected.

Embee has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

Excello Circuits, Inc. (Hunter) (Permit No. 1-601356)

Excello Circuits, Inc. (Hunter) (Excello Circuits) manufactures printed circuit boards. Operations include image printing, developing, plating, stripping, lamination, soldermasking, and silkscreening.

Excello Circuits discharges wastewater to a batch treatment system for pH adjustment, metals precipitation, sedimentation, and filtration. Excello Circuits maintains an atomic absorption spectrometer to review treatment prior to discharge.

As a result of multiple sulfide violations in January and April 2024, OC San directed Excello Circuits to submit a corrective action report to ensure long-term compliance with permitted limits for wastewater discharge by July 31, 2024.

July 1 – December 31, 2024

During a compliance inspection on July 17, 2024, Excello Circuits could not identify a root cause at the time, but noted a corrective action report would be submitted.

On July 25, 2024, Excello Circuits submitted a corrective action report which attributed the sulfide violations to operator error. Excello Circuits indicated wastewater treatment personnel had overdosed the pretreatment system with a precipitant comprised of sodium hydrosulfide, which resulted in sulfide discharged in excess of the permitted limits. As corrective actions, Excello Circuits updated its pretreatment methodology to incorporate sulfide precipitation facilitated by ferrous chloride and improved facility recordkeeping and oversight.

Excello Circuits had no further violations during the reporting period. Subsequent sampling has demonstrated compliance with the sulfide limits for the remainder of this reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Excello Circuits had no violations during this reporting period.

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

FUJIFILM Irvine Scientific, Inc. (Carnegie) (Permit No. 1-602235)

Fujifilm Irvine Scientific, Inc. Carnegie (Fujifilm) is a pharmaceutical manufacturing company that produces power and liquid cell culture media. Wastewater is generated from general site cleaning, RO discharge, and boiler blowdown.

July 1 – December 31, 2024

Fujifilm had no violations during this reporting period.

January 1 – June 30, 2025

On January 8, 2025 OC San issued a compliance requirement letter, requiring Fujifilm to identify a representative sample point. This letter also summarized a November 28, 2023 inspection, in which it was noted that Fujifilm needed a Class I permit, but a single accessible sample point could not be identified. Fujifilm was required to submit a proposal by March 7, 2025.

On March 7, 2025, Fujifilm submitted an updated proposal for a proposed sample point which is currently under review.

OC San will continue enforcement during the next reporting period and will continue to monitor Fujifilm'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, 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 GKN continuously running clean water into their trench drains to keep solids from building up, a violation of OC San's Ordinance prohibition on dilution. OC San also observed

two different discharge points for GKN's industrial waste that were not captured in its compliance sample point. GKN was also discharging industrial wastewater through wash sinks located in a separate, unpermitted building. 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, wastehailed all generated wastewater from industrial sinks in the unpermitted building, and was still working to identify a potential location for a representative sample point. GKN submitted several proposals for a representative sample point in 2022. GKN's proposal was submitted in September 2022 and completed installation in December 2022.

In 2023, GKN was found to be discharging excessive solids into the sewer and in violation of OC San's Ordinance. Throughout 2023, GKN submitted proposals and attempted to implement various measures to remove solids, but continued to experience noncompliance. In January 2024, GKN submitted plans for a treatment system using vacuum drum technology to remove solids.

July 1 – December 31, 2024

On July 29, 2024, OC San issued a compliance requirement letter for the acceptance of the proposed vacuum drum technology for the removal of solids as documented GKN's pilot study dated January 12, 2024. The pilot test demonstrated a solids removal efficiency of 99.8%. In the acceptance letter, OC San required the submittal of a project schedule with estimated completion dates by August 30, 2024.

On September 3, 2024, GKN submitted a schedule for implementation with a projected completion date of September 2026. Due to the extended duration for implementation of the proposed auto-vac drum system exceeding 90-days, an ECSA is being drafted.

On October 24, 2024, OC San issued an NOV due to excessive solids build up in the sample point which prevented OC San from collecting required samples on October 15, 2024. The NOV required GKN to submit an interim plan for solids prevention by November 18, 2024.

On October 31, 2024, OC San issued a compliance requirement letter, requiring for GKN to attend a compliance meeting.

During the compliance meeting on November 13, 2024, GKN stated that they are aware of the solids generated from the polish and grind machines. As a corrective action, GKN has removed the white residue from catch pans of the polish and grind machines, cleaned the floor trench drains, and will evaluate the catch pans and floor trench drains on a weekly basis to determine if additional cleaning is necessary.

On November 26, 2024, OC San issued a compliance requirement letter accepting the interim proposal to mitigate solids from entering the sampling point by cleaning the catch pans and floor trench drains. OC San also recommended frequent inspections of the clarifier and sampling point throughout the day, and physical removal of solids.

January 1 to June 30, 2025

On April 17, 2025, OC San issued a NOV to GKN for discharging stormwater to OC San's Sewerage Facilities observed during an inspection on March 11, 2025. OC San required GKN to submit a proposal to eliminate the discharge of stormwater.

On June 16, 2025, GKN submitted a proposal to eliminate stormwater discharge by immediately removed hosing that allowed stormwater to be discharged to sewer.

Based on information received from GKN, the ECSA is under review to be issued to GKN to address the solids non-compliance.

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, LLC (Permit No. 1-602258)

Gold Coast Baking Company, LLC (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.

July 1 – December 31, 2024

On August 2, 2024, OC San received a wastewater pretreatment system proposal from Gold Coast Baking, which included an automatic pH adjustment system. However, Gold Coast Baking proposed to adjust the pH prior to settling out solids which may not effectively control pH due to the solids causing acidic conditions in the clarifier. In addition, the proposal also did not include information regarding continuous pH monitoring, alarm settings, or the installation of an effluent flow meter.

On July 30, 2024, Gold Coast Baking had a pH violation, for which an NOV was issued on August 22, 2024. On September 3, 2024, Gold Coast Baking had a pH violation, for which an NOV was issued on September 19, 2024. On October 22 and 23, 2024, Gold Coast Baking had multiple pH violations, for which an NOV was issued on November 12, 2024.

On October 29, 2024, OC San informed Gold Coast Baking of the concerns with adjusting the wastewater pH prior to solids removal and required the submission of additional information not present in the initial proposal. On November 20, 2024, Gold Coast Baking had a pH violation, for which an NOV was issued on December 13, 2024.

January 1, 2025 – June 30, 2025

On February 5 and 6, 2025, Gold Coast Baking had multiple pH violations, for which an NOV was issued on February 20, 2025.

During a compliance inspection on March 17, 2025, Gold Coast Baking informed OC San they were retaining a new consulting company to assist in developing the required proposals for an automatic pH adjustment system and for the installation of an effluent flow meter. During the inspection, Gold Coast Baking also notified OC San about a pending ownership change.

On March 17, 2025, Gold Coast Baking had a pH violation, for which a NOV was issued on April 8, 2025. On April 30, 2025, Gold Coast Baking's permit was voided, and a new permit was issued to the new ownership.

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

GOODWIN CO. (Permit No. 1-031043)

GOODWIN CO. (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 the production room and outdoor tank farm areas is collected and then pumped over to an equalization tank and runs through a series of bag filters before discharging to the sewer.

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

Compliance inspections were conducted in July 2022 and January 2023 to address O&G min. exceedances in November 2022 and December 2023. As correction actions, Goodwin implemented monthly cleaning of floor trenches and installation of catch basins on all fill lines. Despite these corrective actions, Goodwin had O&G min. exceedances in December 2023, and February and May of 2024.

July 1 – December 31, 2024

During a compliance inspection on July 22, 2024 regarding the continued O&G min. exceedances, Goodwin's main site contact was not available, and the vice president provided a tour with no information regarding the O&G min. exceedance.

On September 4, 2024, Goodwin had O&G min. instantaneous, daily average, and loading daily average limit exceedances, for which an NOV was issued on September 27, 2024. On September 27, 2024, Goodwin submitted a root cause and corrective action report, attributing the exceedances to minimal chemical residue in the catch basin when washdown was occurring. As corrective actions, Goodwin placed absorbent pads within the catch basins, and the EHS department implemented monitoring of cleanup of the catch basin and the use of oil contamination prevention measures.

On October 16, 2024, Goodwin had O&G min. instantaneous, daily average, and loading daily average limit exceedances, for which an NOV was issued on December 9, 2024. On October 17, 2024, OC San issued a compliance requirement letter, requiring Goodwin to attend a compliance meeting on November 7, 2024.

On November 5, 2024, Goodwin had O&G min. instantaneous, daily average, and loading daily average limit exceedances, for which an NOV was issued on December 9, 2024. Goodwin attributed the exceedances to an over-reliance on the oil separator. This resulted in a lack of inspection and an overflow occurred, causing oil to be sent to the pretreatment system. Goodwin continued to work on mitigation measures to prevent future O&G min. exceedances.

During the compliance meeting on November 7, 2024, OC San and Goodwin discussed the requirement to submit a waste management plan to return to long-term compliance. On November 11, 2024, Goodwin submitted a root cause and corrective action report, attributing O&G min. exceedances to the over-shooting of oil to lubricate the nozzle cylinders. As a corrective action, Goodwin has counseled staff to not overuse handheld oilers and to continue use only when necessary.

On November 26, 2024, OC San issued a compliance requirement letter, requiring Goodwin to submit a waste management plan by January 31, 2025 which shall include: a wastewater characterization report, updated manufacturing process layout and manufacturing process flow diagram, a proposal for pretreatment to maintain long-term compliance, and an O&M manual due on January 31, 2025. In addition, a stormwater prevention plan due on January 15, 2025.

On December 24, 2024, Goodwin had O&G min. instantaneous, daily average, and loading daily average limit exceedances, for which an NOV will be issued in the next reporting period.

July 1 – December 31, 2025

On March 5, 2025, OC San issued an NOV for the December 24, 2024 O&G min. instantaneous, daily average, and loading daily average limit exceedances. On May 6, 2025, Goodwin had O&G min. instantaneous, daily average, and loading daily average limit exceedances, for which an NOV will be issued in the next reporting period. On June 3, 2025, Goodwin had had O&G min. instantaneous, daily average, and loading daily average limit exceedances, for which an NOV will be issued in the next reporting period.

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.

Graphic Packaging International, Inc. (Permit No. 1-571314)

Graphic Packaging International, Inc. (Graphic Packaging) performs lithographic printing, cutting, folding, and gluing of paperboard. Graphic Packaging discharges wastewater intermittently from the glue pot cleaning area, plating room, fountain solution under presses, and wash water from sinks when presses are being cleaned. Wastewater is primarily generated from water used to rinse baking compounds from

lithologic plates, water used to wash and rinse glue pots with citrus-based cleaner, and water used at each printing press. Graphic Packaging also has a chiller, soft water and reverse osmosis systems that generate wastewater. Wastewater from the glue room, plating room, and fountain solutions are pH adjusted and monitored prior to discharge to the sewer.

On December 4, 2023, Graphic Packaging had a pH violation, for which an NOV was issued on December 14, 2023.

July 1 – December 31, 2024

During a compliance inspection on July 1, 2024, Graphic Packaging believed the violation was most likely a result from their fountain press maintenance activities.

On July 16, 2024, Graphic Packaging submitted a corrective action report, attributing the violation to human error resulting in the discharge of fountain solution from a printing press without following the facility standard procedure for wastewater discharge. As a corrective action, Graphic Packaging ceased discharge of fountain solution to the sewer without pretreatment for pH or combining with other wastewater streams of known pH levels to maintain compliance with pH limits. Graphic Packaging had no violations during this reporting period and subsequent sampling has demonstrated compliance with discharge limits for the remainder of this reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Graphic Packaging had no violations during this reporting period.

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

Hi Tech Solder (Permit No. 1-521790)

Hi Tech Solder (Hi Tech) is a specialty processing shop. Hi Tech performs solder leveling of printed circuit boards. Boards received are processed sequentially through microetch, static rinse, 2-stage rinse, air-dry, flux, quick-silver solder levelling, cooling, 4-stage rinse, air-dryer, and unload. The operations are housed in one building.

Wastewater generating operation include the microetch process and rinses. Only the rinse water goes through the pretreatment system and to the discharge point. Flux is replenished as needed and the spent microetch solution is hauled off as needed. The wastewater pretreatment system includes hydroxide precipitation with several clarifiers and settling tanks.

July 1 – December 31, 2024

On September 4, 2024, Hi Tech had a cadmium daily average limit exceedance, for which an NOV was issued on October 30, 2024. This exceedance also caused an October 2024 cadmium monthly average limit exceedance, for which an NOV was issued on December 10, 2024.

During a compliance inspection November 21, 2024, the root cause of the exceedance could not be identified. The wastewater treatment system was working properly and Hi Tech's production did not change significantly.

On December 11, 2024, OC San issued a compliance requirement letter, summarizing the compliance inspection from November 2024 and requiring Hi Tech to submit a corrective action report by January 10, 2025. As the compliance requirement letter was being issued, Hi Tech had sent a correction action letter dated December 5, 2024. Hi Tech stated that they reached out to their laboratory to inquire if they could verify the cadmium results and verify the exceedance. Resampling demonstrated compliance with permit limits for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Hi Tech had no violations during this reporting period.

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

Hixson Metal Finishing (Permit No. 1-061115)

Hixson Metal Finishing is a job shop that specializes in metal surface finishing which includes anodizing, etching, chem film coating, colored dye coating, chemical vapor deposition, electroplating (nickel, cadmium, tin, copper, silver, and gold), solvent and water-based painting, electroless nickel plating, dye penetrant and non-destructive testing, etc.

Wastewater generated primarily from the rinsewater following the cleaning and surface finishing processes, and smaller amounts from treatment of spent chemicals, fume scrubber bleed, and wet floor containment wastewater. Wastewater pretreatment on-site includes continuous pretreatment system consisting of chrome reduction and cyanide destruction, pH adjustment, metals precipitation, polymer injection and mixing, and solids settling through lamella clarifier.

July 1 – December 31, 2024

Hixson had no violations during this reporting period.

January 1 – July 31, 2025

In March 2024, Hixson had a cyanide monthly average limit exceedance, for which an NOV was issued on June 2, 2025.

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

Hot Wax Distributors Inc.(Permit No. 1-602500)

Hot Wax Distributors Inc. (Hot Wax Distributors) manufactures soaps, detergents, waxes, and cleaners for automotive applications. Wastewater generated from equipment washdown and laundered rags discharges to a sump, to a clarifier and to sewer.

July 1 – December 31, 2024

On November 14, 2024, OC San conducted an inspection of Hot Wax Distributors as part of the industrial waste survey program. Based on information gathered during the inspection about process operations and wastewater discharged to the sewer, an NOV is being drafted for discharging wastewater without a valid permit.

January 1 – June 30, 2025

On February 10, 2025, OC San issued an NOV for discharging wastewater without a valid permit, and required submittal of a permit application by March 12, 2025. OC San received the permit application on March 10, 2025 and is in process.

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

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

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 discharge to a separate clarifier. Equipment and floor wash-down water and the soybean soak and cooking water from the expansion are the main sources of wastewater discharged. Pretreatment is limited to pH adjustment utilizing sodium hydroxide in the third 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 pH was below 6.0, for which an NOV was issued in February 2022. House Food appealed the notice of violation as House Food's pH chart recorder did not show any instances of

non-compliant discharges. In April 2022, OC San rescinded the notice of violation issued 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.

OC San accepted House Food's proposal on January 11, 2023 to add automatic pH adjustment and a separate pH adjustment tank. On March 9, 2023, House Food submitted a construction schedule, where they estimated the system installation completion by January 2024. Since this modification is not a result of any enforcement actions, OC San accepted this timeline and requested that House Foods keep OC San updated as the project continues.

July 1 – December 31, 2024

On November 13, 2024, OC San issued a compliance requirement letter, responding to House Foods modifications to the accepted pH adjustment system. House Foods changed the accepted proposal by eliminating the recirculation tank and proposed to recirculate wastewater within the clarifier, and removed the self-indexing filter system from the tofu presses. Since the addition of mixing within the clarifier reduces the system's capacity to remove solids, the change to the proposal was not accepted. OC San directed House Foods to resubmit a new proposal by December 13, 2024.

January 1 – June 30, 2025

On February 12, 2025, House Foods informed OC San of difficulties in designing a pH adjustment system due to space constraints and their 24-hour production schedule.

House Foods had no violations during this reporting period.

OC San will continue enforcement during the next reporting period and will 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 September 2023, Howmet had a cyanide monthly average limit exceedance. Howmet submitted a corrective action report in January 2024 to adjust the pH set point to increase cyanide destruction. In June 2024, Howmet had a molybdenum loading daily average limit exceedance and a cyanide monthly average limit exceedance.

July 1 – December 31, 2024

On July 25, 2024, OC San issued the NOV for the June 19, 2024 molybdenum loading daily average limit exceedance. A root cause and corrective action was requested to be submitted by August 30, 2024. On September 9, 2024, OC San issued an NOV for the June 2024 cyanide monthly average limit exceedance.

On August 30, 2024, Howmet submitted a root cause and corrective action report; however, Howmet could not readily identify a root cause for the molybdenum exceedance. As a corrective action, Howmet reviewed the ion exchange efficiency and determined although the units were cleaned, the resin was not replaced. During a compliance inspection on September 24, 2024, Howmet stated the source of the molybdenum was from the lubricant strip tank and confirmed the resin was replaced on September 6, 2024.

In October 2024, Howmet had a cyanide monthly average limit exceedance, for which an NOV will be issued in the next reporting period. In December 2024, Howmet had a cyanide monthly average limit exceedance, for which an NOV will be issued in the next reporting period.

January 1 – June 30, 2025

On January 7, 2025, OC San issued an NOV for the October 2024 cyanide monthly average limit exceedance. On February 13, 2025, Howmet submitted an appeal due to misinterpretation of the laboratory results. After an evaluation, the NOV will be rescinded, and a follow up letter will be issued during the following reporting period.

On May 7, 2025, OC San issued an NOV for the December 2024 cyanide monthly average limit exceedance. A root cause analysis and corrective action has been requested to be submitted by July 31, 2025.

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

HSH Interplan USA, Inc. (Permit No. 1-602025)

HSH Interplan USA, Inc. (HSH Interplan) formulates water-based paints and pigments, spray paints resin substrates, and repackages cleansers and degreasers for distribution. Wastewater generated from equipment cleaning discharges to a holding tank for sedimentation. The supernatant is discharged to the sewer, and the solid waste is collected for offsite disposal.

In June 2024, OC San issued an industrial wastewater discharge permit which directed HSH Interplan to submit a proposal to prevent the discharge of settleable material (e.g. paint) to the sewer.

July 1, 2024 – December 31, 2024

On August 22, 2024, OC San issued an NOV to HSH Interplan for failing to submit a wastewater pretreatment proposal that would prevent the discharge of settleable material (e.g. paint) to the sewer. On August 9, 2024, HSH Interplan had sulfide instantaneous and daily average limit exceedances, for which an NOV was issued on September 9, 2024.

On September 30, 2024, HSH Interplan submitted a wastewater pretreatment proposal which affirmed the treatment methodology employed onsite has been designed to capture and retain residual paint particulates.

During a compliance inspection on October 11, 2024, OC San determined the methodology used to collect the sulfide composite samples did not adhere to the approved EPA analytical method thus, impacting the integrity of the sample results. Therefore, OC San will rescind the sulfide NOV in the next reporting period. During the inspection, OC San noted HSH Interplan installed a sand filter to enhance the facility's wastewater pretreatment prior to discharge.

January 1 – June 30, 2025

On February 5, 2025, OC San issued a notice rescinding the NOV from August 9, 2024.

On February 14, 2025, HSH Interplan had sulfide instantaneous and daily average limit sulfide exceedances, for which an NOV was issued on April 8, 2025. During a compliance inspection on April 30, 2025, HSH Interplan USA was unable to identify the cause of the sulfide exceedances and a corrective action was not determined.

On June 9, 2025, OC San issued a compliance requirements letter that directed HSH Interplan to submit a corrective action report by June 30, 2025. On June 26, 2025, HSH Interplan requested an extension, which OC San granted on June 30, 2025. HSH Interplan is required to submit the corrective action report and all requisite compliance documents no later than August 31, 2025.

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

ITT, LLC (Permit No. S-051349)

ITT, LLC (ITT) is a Special Purpose Discharge Permit (SPDP) that has been active since 2011. Groundwater is pumped from three remediation wells, transferred to a 2,000-gallon surge tank and treated using two granular activated carbon vessels in series prior to discharging to the sewer.

July 1 – December 31, 2024

During an inspection on November 19, 2024, OC San noted that during wet weather events, there is the potential for storm water and surface run off accumulating in the remediation enclosure. Storm water comingles with untreated groundwater, treated, and is discharged to the sewer.

January 1 – June 30, 2025

On February 4, 2025, OC San issued an NOV for failing to comply with OC San's Ordinance, specifically the prohibition against the discharge of storm water and surface runoff to the sewer. ITT was required to submit a proposal to eliminate storm water discharge to the sewer by March 6, 2025.

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

J&J Marine Acquisition Co., LLC (Permit No. 1-551152)

J&J Marine Acquisitions Co., LLC (J&J Marine) performs boat maintenance and repair work, including hull repairs and recoating, plus interior remodeling. J&J Marine also has the capability to collect and store storm water throughout the facility (rather than discharging to the Newport Beach Harbor) and reuse it in the boat washing and cleaning process. This wastewater is then treated and discharged to the sewer. Storm water that is not captured for reuse is also treated and discharged to the Newport Beach Harbor.

July 1 – December 31, 2024

J&J Marine had no violations during this reporting period.

January 1 – July 31, 2025

On March 6, 2025, J&J Marine had a zinc instantaneous limit exceedance, for which an NOV was issued on April 8, 2025

During a compliance inspection on May 5, 2025, J&J Marine attributed the zinc exceedance due to accumulated sludge within the pretreatment system, and a faulty electrode within the electrocoagulation system. As corrective actions, J&J Marine performed cleaning of the entire pretreatment system and pumped out all sludge from the pretreatment system. All electrodes were cleaned, inspected, and any maintenance needed was conducted prior to restarting the electrocoagulation system back to operational status.

J&J Marine has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

Kirkhill, Inc. (North) (Permit No. 1-600608)

Kirkhill, Inc. (North) (Kirkhill North) manufactures organic and silicone products from raw materials. The manufacturing process begins with the mixing of natural or synthetic rubber with additives. Typical additives for organic rubber are accelerators, carbon black, clays, heavy oils, sulfur, and zinc compounds. Small quantities of additional compounds may be added to enhance the properties of the rubber mixture. For silicone rubber, pigments for color and catalysts are the primary additives. The mixed rubber compound is then processed into extrusions (rubber tubing), sheet goods, molded for industrial products and aircraft

seals and gaskets. The primary manufacturing activities (mixing and processing) do not use or generate wastewater. Processes generating wastewater operations include the following: cooling tower bleed-off, quench tank discharge, boiler blowdown, parts washing, mold cooling, fume scrubbers, general clean-up, and pressure washing.

July 1 – December 31, 2024

During the pre-permit inspection on July 31, 2024, OC San observed an uncovered trench drain and sump in the boiler treatment courtyard area located within the footprint of the main north building that could potentially allow accumulated storm water and surface runoff to be conveyed to the sewer.

On August 19, 2024, OC San issued an NOV for failing to comply with the Ordinance prohibition against discharge of storm water and surface runoff to the sewer. OC San required Kirkhill North to provide a proposal to prevent the discharge of storm water and surface runoff from the boiler treatment courtyard area to the sewer.

On October 2, 2024, Kirkhill North submitted a proposal to address the non-compliance issues related to storm water and surface runoff. On November 26, OC San accepted Kirkhill North's proposal to erect a permanent roof structure over the boiler treatment courtyard area. Kirkhill North is projected to complete construction of the permanent roof structure during the next reporting period.

January 1 – June 30, 2025

During a routine inspection on May 27, 2025, OC San confirmed that construction had been completed on the proposed permanent roof structure over the boiler courtyard area.

Kirkhill North had no violations during this reporting period. No further enforcement is required at this time and this enforcement case is closed.

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

Kirkhill, Inc. (South) (Permit No. 1-600609)

Kirkhill, Inc. (South) (Kirkhill South) manufactures organic and silicone products from raw materials. The manufacturing process begins with the mixing of natural or synthetic rubber with additives. Typical additives for organic rubber are accelerators, carbon black, clays, heavy oils, sulfur, and zinc compounds. Small quantities of additional compounds may be added to enhance the properties of the rubber mixture. For silicone rubber, pigments for color and catalysts are the primary additives. The mixed rubber compound is then processed into extrusions (rubber tubing), sheet goods, molded for industrial products and aircraft seals and gaskets. The primary manufacturing activities (mixing and processing) do not use or generate wastewater. Processes generating wastewater operations include the following: cooling tower bleed-off, quench tank discharge, boiler blowdown, parts washing, mold cooling, fume scrubbers, general clean-up, and pressure washing.

July 1 – December 31, 2024

During the pre-permit inspection on July 31, 2024, OC San observed an open trench drain within the outdoor pressure wash rack and two decommissioned clarifiers in the hazardous waste storage area that could potentially allow for storm water and surface runoff to convey to the sewer.

On August 19, 2024, OC San issued a NOV for failing to comply with the Ordinance prohibition for storm water and surface runoff. OC San required Kirkhill South to provide a proposal to prevent the discharge of storm water and surface runoff from the outdoor pressure wash rack and decommissioned clarifiers to the sewer.

On October 2, 2024, Kirkhill South submitted a proposal to address these non-compliance issues related to storm water and surface runoff. On November 26, 2024, OC San accepted Kirkhill South's proposal to

install a curtain structure around the pressure wash rack, cut and cap the inlet and outlet of the two clarifiers, and backfill each structure with a cement slurry material to construct a permanent seal.

During a routine inspection on December 16, 2024, OC San verified that the corrective actions had been implemented. No further enforcement is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Kirkhill South had no violations during this reporting period.

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

Knott's Berry Farm

Knott's Berry Farm (Knott's) is an amusement complex park in Buna Park. Knott's operates two amusement parks: Knott's Berry Farm which operates year-round, and Knott's Soak City which only operates May through September each year. Knott's operates numerous rides, attractions, dining options, and show for guest enjoyment. Knott's also manages an on-site hotel and dining restaurant.

In January 2024, OC San issued a one-time discharge authorization request for the discharge of approximately 1,155 gallons of wastewater which had been dyed to create a visual prop during the parks "Knott's Scary Farm" events.

During an inspection on March 21, 2024 to observe the discharge, OC San observed that the drain used to discharge the water was in an uncovered area susceptible to storm water, and also collected surface runoff and sediment-laden flows from a vehicle maintenance area.

On April 3, 2024, OC San issued a compliance requirements letter, requiring Knott's to mitigate storm water and non-domestic wastewater from the sewer by April 30, 2024.

On April 29, 2024, Knott's submitted their corrective action report which proposed the installation of a rainwater diversion valve to mitigate storm water. Also, Knott's proposed to install a sediment screen, increase cleaning of the area and a downstream clarifier, and post signage noting acceptable discharges to the drain.

July 1 – December 31, 2024

On June 9, 2024, OC San issued a compliance requirements letter, accepting the rainwater diversion valve at the location proposed. OC San required the specific valve to be proposed by July 31, 2024, and installed by August 15, 2024. OC San also informed Knott's that the wastewater generated from vehicle washing is prohibited. OC San required Knott's to submit a proposal to prevent the discharge of non-domestic waste through the floor drain to the sewer.

January 1 – June 30, 2025

Knott's had no violations during this reporting period.

OC San will continue enforcement during the next reporting period and will continue to monitor Knott'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 manufacture plant-based beverages. Wastewater generated from equipment sterilization and boiler blowdown discharges to a multistage clarifier, a wet well, then to the sewer. Koia uses an automated pH adjustment system, which applies caustic and sulfuric acid to the clarifier's first stage.

During a compliance inspection in January 2023, OC San determined Koia's pretreatment system does not provide sufficient hydraulic retention for adequate pH adjustment. In February 2023, OC San issued a compliance requirement letter that directed Koia to submit a proposal for adequate pretreatment to ensure long-term compliance with the permitted discharge limits. Between March and May 2023, Koia submitted

several proposals to increase hydraulic retention and to mix wastewater contents prior to discharge. However, the operating parameters and flowrates specified in each proposal were inconsistent with measured discharge. Moreover, several proposals lacked critical process control equipment. As a result, OC San was unable to successfully evaluate the adequacy of the proposed pretreatment system, and therefore, rejected Koia's proposals.

As a result of continued noncompliance and failure to provide a proposal to ensure long-term compliance, OC San issued a compliance requirements letter on December 5, 2023, that directed Koia to attend a compliance meeting on December 19, 2023. During the compliance meeting, Koia and OC San discussed pretreatment and the facility's recent proposals for adequate pH adjustment. While Koia has proposed to increase hydraulic capacity and retention, key operating parameters specific to peak flowrate and facility discharge remained unclear, so design assessment and review would not proceed. On January 16, 2024, OC San issued a compliance meeting summary and requirements letter that directed Koia to address the design parameter deficiencies and to resubmit a proposal for adequate pH adjustment.

Between February and June 2024, Koia submitted multiple proposals for adequate pH adjustment. However, OC San rejected each proposal as Koia failed to adhere to all enforcement criteria established by OC San. Moreover, submittals lacked referenced attachments and figures, and the proposed compliance sample point created concerns for reliability.

July 1 – December 31, 2024

During a virtual meeting on July 25, 2024, to discuss proposal deficiencies, OC San directed Koia to resubmit the proposal by August 9, 2024. On August 1, 2024, Koia submitted a final proposal for adequate pH adjustment. OC San has accepted the proposal and a draft ECSA is currently under review.

January 1 – June 30, 2025

On January 21, 2025, OC San issued a probation order for non-payment of invoices due November 14 and 19, 2024. While the probation order was being processed and routing in the mail, Koia paid the overdue invoices on January 17, 2025. Additionally, OC San has determined Koia is subject to an ECSA due to the time necessary to achieve continuous long-term compliance in execution of the accepted proposal.

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

LGM Pharma Solutions LLC (Permit No. 1-601313)

LGM Pharma Solutions LLC, formerly LGM Subsidiary Holdings LLC (LGM) manufactures approximately 40 products in the prescription drug, over the counter (OTC) drug, and dietary supplement categories in the form of tablets, capsules, and powders. Products are packaged in labeled high density polyethylene bottles as finished product or plastic lined cardboard bulk boxes for subsequent packaging by customer. Laboratory testing is performed to identify raw materials and verify potency and purity of products manufactured. Manufacturing processes include product mixing, encapsulation, compression, and packaging. Processes which generate wastewater are drum rinsing, blender/mixer washing, potable mill washing, air scrubbing, washing of manufacturing suite walls and floors, and laboratory materials testing. LGM does not have a pretreatment system and relies solely on best management practices in handling solvents used at the facility.

July 1 – December 31, 2024

In July 2024, LGM had an acetone monthly average limit exceedance, for which an NOV was issued on October 7, 2024. LGM is currently reviewing operations to determine the root cause of the acetone limit exceedance and will submit a corrective action report when their investigation is complete.

January 1 – June 30, 2025

LGM had no violations during this reporting period.

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

Lightning Diversion Systems, LLC (Permit No. 1-600338)

Lightning Diversion Systems, LLC (Lightning) designs and manufactures lightning protection devices that divert lightning strikes from aircraft nose radomes and other sensitive areas. The protection system consists of a segmented diverter strip which provides maximum multiple-strike protection with negligible effect on radio frequency (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. Wastewater is generated in the rinsing and etching processes. Pretreatment includes hydroxide precipitation, coagulation, flocculation, and solids settling in a batch reaction tank prior to discharge. Solids are collected and dewatered at a filter press prior to disposal.

July 1 – December 31, 2024

On September 12, 2024, Lightning had copper instantaneous and daily average limit exceedances, for which an NOV was issued on September 30, 2024. This exceedance also caused a September 2024 copper monthly average limit exceedance, for which an NOV will be issued in the next reporting period.

During a compliance inspection on October 24, 2024, Lightning stated that the filter press cleaning conducted once per month was not sufficient when production increased in August and September 2024. Lightning revised their process to clean the filter press weekly so filtrate returned to batch treatment would be less likely to trigger an exceedance.

On November 7, 2024, Lightning submitted a corrective action report and an updated O&M manual, documenting the corrective actions noted above that were taken to address any system deficiencies that caused the violation. On December 19, 2024, OC San issued a compliance requirement letter accepting the corrective action proposed.

January 1 – June 30, 2025

On March 4, 2025, OC San issued an NOV for the September 2024 copper monthly average limit exceedance. Subsequent sampling has demonstrated compliance with discharge limits for the remainder of this reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

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

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

Linco Industries, Inc. (Linco) strips paint and organic coatings from aluminum and steel parts provided by customers. Formerly, Linco stripped coatings in cold and hot strip baths. In April 2022, Linco removed the facility's cold strip process line.

Current operations include molten salt bath immersion, bright dipping, and rinsing. The molten bath is comprised of potassium permanganate, potassium hydroxide, and sodium nitrate chemistry and heated to 550 degrees Fahrenheit. Linco uses sulfuric acid and muriatic acid for bright dipping.

In June 2023, Linco transitioned to batch treatment. Linco discharges rinsewater and spent process solutions to one of three available batch treatment tanks for cyanide destruction and metals precipitation. Linco discharges batch treated contents through one of two available filter presses, to the compliance sample point, and then to the sewer. Linco collects the filter cake for offsite disposal.

Between March 2021 and June 2024, Linco had multiple cyanide and heavy metal exceedances. As corrective actions, Linco updated facility records and manuals, instituted regular pretreatment system maintenance, and updated their pretreatment methodologies. Despite Linco's improvements, permit limit exceedances have continued. Based on information shared during various compliance inspections and meetings, OC San has raised concerns the waste characterization used to formulate pretreatment

chemistry may not accurately demonstrate the extent of pollutant contamination in the facility's wastestreams and may result in incomplete or inadequate treatment.

July 1, 2024 – December 31, 2024

On July 25, 2024, OC San issued an NOV for the June 24, 2024 cadmium daily average limit exceedance.

On August 7, 2024, OC San issued an NOV for the May 23, 2024 cyanide instantaneous limit exceedance.

During a compliance inspection on August 22, 2024, Linco attributed the exceedances to variances in applied pretreatment methodologies (e.g. hydroxide/sulfide metals precipitation and cyanide destruction). Linco stated they have struggled to identify a pretreatment method suitable for all pollutants generated on site (e.g. complexed cyanide) despite repeated efforts.

On September 4, 2024, OC San issued an NOV for the June 2024 cadmium monthly average limit exceedance.

January 1 – June 30, 2025

In June 2025, Linco had a cadmium monthly average limit exceedance, for which an NOV will be issued in the next reporting period.

OC San has drafted an ECSA to address Linco's pretreatment deficiencies and is under review.

OC San will continue to enforcement during the next reporting period and will 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, 2024

LM Chrome had no violations during this reporting period.

January 1 – June 30, 2025

On January 21, 2025, LM Chrome had a total sulfide instantaneous limit exceedance, for which an NOV was issued on February 20, 2025.

During a compliance inspection on March 17, 2025, LM Chrome attributed the total sulfide exceedance to excessive dosing of sodium sulfide precipitant utilized in the pretreatment system. In response, LM Chrome adjusted dosing frequency of sodium sulfide and will submit a corrective action letter to OC San.

On April 18, 2025, OC San received a corrective action letter from LM Chrome, which included instructing and retraining their employees to improve best management practices which included minimizing spills and overflow from process tanks, ensuring proper drag out, and minimizing bath contamination. LM Chrome noted that implementing these practices should reduce excess pollutants discharging through the treatment system and prevent excessive dosing of sulfide precipitant.

LM Chrome has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

Los Alamitos Race Course (Permit No. 1-602367)

Los Alamitos Race Course (LARC) is a horse track and entertainment facility. LARC has concentrated animal feed operations (CAFO) which comprises of 40 horse stable buildings and has capacity to house more than 1,500 horses. Wastewater is generated from CAFO operations which include general horse maintenance, cleaning, and washdown. Wastewater from CAFO operations is routed to two lift stations and gravity flows through a multi-stage clarifier prior to sewer discharge.

July 1 – December 31, 2024

During a pre-permit renewal inspection on August 8, 2024, LARC informed OC San that storm water generated in the CAFO area comingles with CAFO wastewater during storm events and is discharged to the sewer.

January 1 – June 30, 2025

On February 12, 2025, OC San issued an NOV for discharging storm water to the sewer. LARC requested to meet with OC San to discuss the history of storm water discharges at the facility and potential proposals for mitigating storm water discharge to the sewer.

During a meeting held on March 12, 2025, LARC disclosed that the facility is split between CAFO areas (approximately 33 acres) and non-CAFO areas. Due to CAFO regulations, storm water that falls within CAFO production areas is not allowed to be discharged to the storm drain. LARC noted that storm water that falls within non-CAFO areas gravity flows to a nearby storm drain and storm water that falls on the roof of the horse stables within the CAFO area bypasses the sewer; however, due to the remaining large uncovered CAFO areas, storm water eventually discharges to the sewer. LARC requested OC San if storm water that falls within the CAFO areas can continue to be discharge to the sewer. OC San required LARC to submit an interim proposal for mitigating storm water discharges to the sewer.

On June 3, 2025, OC San received a letter from LARC requesting an SPDP for process wastewater discharges. LARC stated that storm water runoff is included in the 40 CFR 412 CAFO regulations and considered process wastewater as it comes into contact with raw materials, products, and byproducts including manure, litter, feed, bedding, and wash water from cleaning of horses and stalls. The request is under OC San review.

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

Manufactured Packaging Products (MPP Fullerton) (Permit No. 1-021681)

Manufactured Packaging Products (MPP Fullerton) performs printing, cutting, forming, fabrication, and gluing of corrugated cardboard containers, known as cardboard boxes. MPP Fullerton receives cardboard boxes from their sister company (Corru-Kraft) located in the same building. Cardboard boxes are then fed through flexographic printers for printing, cutting, and forming. The products may also be directed to other operation centers for gluing or box-forming. There are four printer machines at this facility.

Ink is stored in 5-gallon drums and is fed and recirculated through the printer machines. Wastewater is generated if an ink needs to be changed out. The operator will replace the ink bucket with a bucket of soapy water that will be recirculated through the printer machine for flushing and cleaning purposes. The wastewater is then dumped into sumps that is pumped/gravity drained to the collection sump by the wastewater treatment system.

Wastewater is collected in a sump by the treatment area. Operators manually transfer the wastewater to the mixing tank when there is sufficient volume to process a batch. Flocculate and coagulant are added manually to the mixing tank, with an operator monitoring pH levels. Wastewater is then sent to a rotary drum filter that uses diatomaceous earth as the filter material. Solids are collected in roll off bins and wastehauled offsite. Treated wastewater is discharged to a transfer tank, a separator tank and to a final discharge tank before discharging into the sewer.

July 1 – December 31, 2024

In December 2024, MPP Fullerton underwent an ownership change, of which OC San was not notified.

January 1 – June 30, 2025

On June 16, 2025, OC San issued an NOV for failing to provide notification in advance of the December 2024 change of ownership. OC San required the new ownership of MPP Fullerton to submit of a new permit application.

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

MBV-CA, LLC (Permit No. 1-602131)

MBV-CA, LLC (MBV-CA) manufactures fruit juices, sports drinks, energy drinks, teas, and sparkling flavored water. Wastewater generated from water demineralization, equipment sterilization, and work area washups discharges to a pretreatment system for filtration and pH adjustment prior to final discharge to the sanitary sewer.

July 1 – December 31, 2024

MBV-CA had no violations during this reporting period.

January 1 – June 30, 2025

On January 21, 2025, OC San issued a probation order for repeated failure to pay invoices due November 14 and 19, 2024, December 2, 2024, and January 2, 2025.

On April 23, 2025, MBV-CA entered into a payment plan with OC San to address the outstanding invoices.

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

Mechanized Science Seals, Inc. DBA: MS Bellows (Permit No. 1-111007)

Mechanized Science Seals, Inc. DBA: MS Bellows (MS Bellows) is a manufacturer of bellows assemblies. Materials include welded stainless steel, inconel, or titanium. The manufacturing of bellows begins by stamping the bellows diaphragms, machining the end-plates, stacking, welding, and pressure and leak testing. The machined end-plates are plated with electroless nickel and aluminum is stripped away with a caustic etchant. Nickel bellows may also be gold plated if specified. The effluent at MS Bellows is generated by the batch discharge of the pretreated electroless nickel wastestreams (spent plating solutions and static nickel rinses), parts rinsing water, and cleaning of lab glassware. Prior to discharge, the wastewater undergoes nickel removal via sodium hydroxide precipitation and is then treated with phosphoric acid for pH adjustment.

July 1 – December 31, 2024

On July 16, 2024, MS Bellows had a zinc daily average limit exceedance, for which an NOV was issued on July 30, 2024. This exceedance also caused a July 2024 zinc monthly average limit exceedance, for which an NOV was issued on October 22, 2024.

Also in July 2024, MS Bellows had a copper monthly average limit exceedance, for which an NOV was issued on October 22, 2024.

During a compliance inspection on August 22, 2024, MS Bellows noted that they were surprised by the zinc exceedance as zinc is not used in their process operations. MS Bellows noted that there was also an elevated result for copper in the sample and speculated there had been contamination from brass materials. MS Bellows noted that when they first received their bottle for the sample that it was broken and needed replacement. The replacement bottle they received was unmarked. MS Bellows believes that the bottle may have been contaminated or may have been processed incorrectly since it lacked labeling.

On October 1, 2024, MS Bellows submitted a corrective action report to OC San. On December 12, 2024, OC San issued a compliance requirement letter, accepting MS Bellows' corrective actions. Subsequent sampling has demonstrated compliance with discharge limits for the remainder of this reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

MS Bellows had no violations during this reporting period.

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

MeriCal, LLC (Permit No. 1-602025)

MeriCal, LLC (MeriCal) manufactures and packages nutritional supplements. Wastewater generated from product condensate, clean-in-place, and equipment rinses discharges to a multistage clarifier then to sewer.

On March 19, 2024, MeriCal had an O&G min. instantaneous and daily maximum exceedances, for which an NOV was issued on May 6, 2024. During a compliance inspection on June 11, 2024, MeriCal was unable to identify the cause for the O&G min. exceedances, and a corrective action was not determined.

July 1 – December 31, 2024

On July 2, 2024, OC San issued a compliance requirements letter that directed MeriCal to submit a corrective action report that addressed the source for the O&G min. exceedances from the previous reporting period, and detailed efforts to implement a solution to achieve long-term compliance with permitted limits for industrial wastewater discharge.

On August 1, 2024, MeriCal submitted a corrective action report, attributing the exceedances to two potential sources: (1) an excess application of coconut oil used to lubricate its supplement molds and (2) a mineral oil release from equipment maintenance. MeriCal stated that while the approved analytical method uses silica gel to separate polar from non-polar constituents, it is unclear if an excess amount of coconut oil would contribute to false positives. As a corrective action, MeriCal installed oil drip collection pans below its supplement molds which are designed to capture excess coconut oil for offsite disposal.

Separately, MeriCal indicated an older production line used mineral oil in its pipe and tank heating jackets and cited the possibility that mineral oil discharged to a floor drain during scheduled maintenance. As a corrective action, MeriCal has retrofitted all production lines such that mineral oil is no longer used onsite.

On November 13, 2024, MeriCal had a pH violation, for which an NOV will be issued in the next reporting period.

January 1 – June 30, 2025

On January 21, 2025, OC San issued an NOV for the November 13, 2024 pH violation.

During a compliance inspection on February 26, 2025, MeriCal attributed the pH violation to equipment sterilization and inadequate pH treatment. As corrective actions, MeriCal proposed to collect its initial sterilization rinses for offsite disposal and to update its pretreatment system. Based on the time required to achieve continuous compliance, OC San has determined MeriCal is subject to an ECSA which is under review.

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

Merical, LLC (Permit No. 1-600655)

Merical, LLC (Merical) is a manufacturer of solid dosage nutritional supplements, tablets, hard shell gelatin capsules, protein powders, drink mixes containing vitamins, minerals, and herbal supplements. Merical

also packages powders in pouches, packets, and stick packs. Raw materials in powder form are mixed in a vessel that is washed after formulation. That wastewater is collected in a catch basin and drained to the treatment system sump. Contents in the collection sump are pumped into a reaction tank where a flocculant is added to a reaction tank and mixed to allow any solids washed down from process equipment to settle. The wastewater is then pumped through the filter press to remove solids and the filtrate then passes through a three stage below ground clarifier before discharging to the sewer.

After a zinc exceedance in March 2023 and a subsequent compliance inspection, a compliance requirement letter was issued to Merical, requiring submission of a proposal for effective treatment of zinc. Merical submitted the proposal in July 2023, and it was accepted by OC San in December 2023. In March 2024, Merical received an NOV for copper and zinc exceedances. A compliance inspection was performed in April 2024 and a corrective action report was received by OC San in May 2024. Corrective actions included identifying a new flocculant more appropriate for removing zinc and enhancing treatment parameters using jar testing.

July 1 – December 31, 2024

On September 12, 2024, OC San issued a compliance requirement letter, requiring the submittal of an updated operation and maintenance manual and accepted the corrective actions. OC San also revised the permit to include quarterly self-monitoring sampling for copper and zinc.

January 1 – June 30, 2025

MeriCal had no violations during this reporting period.

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

Micrometals, Inc. (Permit No. 1-021153)

Micrometals, Inc. (Micrometals) manufactures inductor cores from iron powder for use in the electronics industry. Operations include pressing, sintering, vibratory deburring, surface treatment, and tooling. Micrometals discharges rinsewater generated from vibratory deburring and surface treatment to a multi-stage clarifier then to sewer.

July 1 – December 31, 2024

Micrometals had no violations during this reporting period.

January 1 – June 30, 2025

On May 8, 2025, Micrometals had a cyanide production-based daily average limit exceedance, for which an NOV will be issued in the next reporting period. This exceedance also caused a May 2024 cyanide production-based monthly average limit exceedance, for which an NOV will be issued in the next reporting period.

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

MTT Family Holdings, L.P. (Permit No. S-053333)

MTT Family Holdings, L.P. (MTT) is a remediation site for the treatment of hydrocarbon-impacted groundwater from a former underground storage tank system. Applied pretreatment methodology includes filtration and carbon media adsorption.

July 1 – December 31, 2024

On August 1, 2024, OC San issued an order to terminate discharge, as OC San did not receive MTT's permit renewal application prior to the permit expiration date of July 31, 2024. The permit was voided as of July 31, 2024. No further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

MTT had no violations during this reporting period.

O'Donnell Oil, LLC (Permit No. 1-581191)

O'Donnell Oil, LLC (O'Donnell Oil) extracts crude oil and water from oil wells. The crude oil and water are sent to a wash tank and allowed to separate. The oil is decanted from the top to an oil storage tank. The water flows from the bottom of the tank to a three-stage aboveground clarifier. The treated water then flows through a sample point and then to the sewer.

July 1 – December 31, 2024

O'Donnell Oil had no violations during this reporting period.

January 1 – June 30, 2025

On March 6, 2025, O'Donnell Oil notified OC San of their intent to cease operations and close their account, noting a final discharge day of February 5, 2025. However, a hard copy of the required request to close account form was never received by OC San. O'Donnell Oil's Class 1 Wastewater Discharge Permit expired on April 30, 2025.

On May 1, 2025, OC San issued an order to terminate discharge. No further enforcement is required at this time and this enforcement case is closed.

Orange County Chemical Supply Company, Inc. (Permit No. 1-600766)

Orange County Chemical Supply Company, Inc. (OCCS) manufactures soaps and detergents for industrial and commercial applications.

Wastewater generated from equipment and drum washdown is collected in a centralized sump equipped with a pH probe. At operator discretion, wastewater discharges by diaphragm pump through a filter bag and to the sewer.

July 1 – December 31, 2024

On September 24, 2024, OCCS had O&G min. instantaneous and daily average limit exceedances, for which an NOV was issued on October 29, 2024. During a compliance inspection on December 3, 2024, OCCS was unable to readily identify the cause of the exceedances and a corrective action was not determined.

January 1 – June 30, 2025

On February 10, 2025, OC San issued a compliance requirement letter, directing OCCS to submit a corrective action report by March 12, 2025. OCCS submitted the report on March 13, 2025, and subsequently submitted an addendum on May 25, 2025. Both the corrective action report and addendum remain under review.

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

Pacific Coast Water Systems, Inc. (Permit No. 1-600520)

Pacific Coast Water Systems, Inc. (PCWS) services spent ion exchange vessels and soft water canisters for regeneration and reuse for commercial and residential drinking water applications. The wastewater

generation activities on-site are from washing and removing the resin from the cannisters that contained residual acid or caustic. PCWS has a pH adjustment system with tanks and a mechanical mixer; however, PCWS employs a water balance prior to discharge to sewer.

July 1 – December 31, 2024

On September 17, 2024, PCWS had a pH violation, for which an NOV was issued on September 30, 2024. During a compliance inspection on December 5, 2024, PCWS attributed the pH violation to a malfunctioning valve.

January 1 – June 30, 2025

On April 2, 2025, OC San issued a compliance requirement letter, requiring PCWS to submit a proposal to install a continuous data logger and a proposal to cease non-compliant discharge.

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

Patriot Wastewater, LLC (Freedom CWT) (Permit No. 1-521861)

Patriot Wastewater, LLC (Patriot) is a centralized wastewater treatment (CWT) facility that accepts and treats only non-hazardous waste from off-site generators. Patriot treats both CWT and non-CWT wastewater (as defined in 40 CFR 437.2), under separate permits and discharge points. As a CWT Subpart D facility, Patriot is able to treat wastes from Subparts A, B, and C: Metals, Oil, and Organics Treatment and Recovery, respectively. Depending on the wastewater that is received, Patriot can employ one of multiple on-site technologies including: (1) batch heavy metals precipitation; (2) oil water separation with emulsion breaker; and (3) granular activated carbon, treated organo-clay, and bag filters for organics treatment.

Beginning in November 2023, Patriot began receiving landfill leachate from the Chiquita Canyon Landfill (CCL) in Castaic, California, which is believed to have caused several permit limit exceedances for 4-methylphenol. In January 2024, neighboring businesses and residences began complaining of strong odors emanating from area of Patriots facility. In February 2024, the EPA released a Unilateral Administrative Order (UAO) to CCL describing a subsurface reaction resulting in nauseous odors, air emissions issues, increased landfill leachate production, and landfill leachate concentrations exceeding hazardous waste levels. The UAO noted Patriot received leachate with hazardous concentrations of benzene on several occasions. OC San issued several NOV's relating to landfill leachate from CCL. Additionally, it was discovered that Patriot underwent a change in ownership of which OC San was not informed.

July 1 – December 31, 2024

On July 9, 2024, OC San issued an NOV to Patriot for failing to notify OC San upon the change of ownership. The permit application was received on July 31, 2024, and issuance of a new permit will occur in the following reporting period.

January 1 – June 30, 2025

As a result of the change of ownership, Patriot was issued a new permit, effective January 1, 2025 (1-602382). Patriot had no violations during this reporting period.

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

Patriot Wastewater, LLC (Freedom Non-CWT) (Permit No. 1-600147)

Patriot Wastewater, LLC (Patriot) is a centralized wastewater treatment (CWT) facility that accepts and treats non-hazardous waste from off-site generators. Patriot treats both CWT and Non-CWT wastewater (as defined in 40 CFR 437.2), under separate permits and discharge points. Patriot's Non-CWT facility receives wastewater that is not regulated by CWT standards including, but not limited to, stormwater, food waste, demineralization water, etc. Wastewater is pH adjusted and pumped through bag filters before discharge to the sewer.

July 1 – December 31, 2024

On July 9, 2024, OC San issued an NOV to Patriot for failing to notify OC San upon the change of ownership. The permit application was received July 31, 2024, and a permit was issued to the new ownership effective December 1, 2024.

January 1 – June 30, 2025

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

Performance Powder, Inc. (Permit No. 1-521805)

Performance Powder, Inc. (Performance Powder) precleans and powder coats aluminum and cold rolled steel parts provided by outside customers, including large and oversized parts, such as metal cabinets and construction framework. Cleaning and surface treating is performed in an automated conveyORIZED six-stage wash line, which includes alkaline cleaning, zirconium surface conversion, followed by city water rinse, DI water rinse, and RO water rinse. Wastewater generated from rinsing stages of the wash line is pumped to a three-stage aboveground clarifier prior to discharge to the sewer.

In June 2023, OC San issued an NOV for March's zinc monthly average limit exceedance and followed up with a compliance inspection to investigate the noncompliance. In April 2024, Performance Powder had a zinc monthly average limit exceedance.

July 1 – December 31, 2024

On July 2, 2024, OC San issued an NOV to for the April 2024 zinc monthly average limit exceedance.

During a compliance inspection on July 16, 2024, Performance Powder was unable to readily identify the source for the monthly average violation. However, Performance Powder indicated they had made several recent changes to its pretreatment program to ensure long-term compliance. Specifically, Performance Powder installed a conical bottom tank to promote sedimentation, a new compliance sample point to support regular maintenance, and updated the waste management practices. Despite the improvements, the risk remained that metal-bearing wastewater may discharge to the sewer without adequate pretreatment provided the facility did not employ methods to reliably remove heavy metals from its wastewater (e.g. pH adjustment and hydroxide precipitation).

On July 31, 2024, OC San issued a compliance requirement letter that directed Performance Powder to submit a waste management proposal to collect all metal-bearing wastewater for offsite disposal, or to install pretreatment technology equivalent to or better than Best Available Technology (BAT).

On August 1, 2024, OC San issued an NOV to Performance Powder for a May 2024 zinc monthly average limit exceedance. On August 8, 2024, Performance Powder had a zinc daily average limit exceedance, for which an NOV was issued on September 9, 2024. This exceedance also caused an August 2024 zinc monthly average limit exceedance, for which an NOV was issued on December 10, 2024.

On September 13, 2024, OC San held a virtual meeting with Performance Powder to review the exceedances and discuss the compliance requirement to submit a waste management proposal.

On September 26, 2024, Performance Powder submitted a corrective action report, which attributed the exceedances to materials processed. Specifically, Performance Powder determined the facility washed parts that contained residual traces of zinc oxide from prior welds made by the material suppliers. As corrective actions, Performance Powder proposed to update its pretreatment methodology to incorporate pH adjustment and hydroxide precipitation. OC San has reviewed the proposal and requested Performance Powder to provide further information for the facility's pretreatment system operating parameters.

January 1 – June 30, 2025

On January 29, 2025, OC San accepted Performance Powder's proposal as the previously requested information had been addressed. Performance powder added hydroxide precipitation to their pretreatment system, which satisfies BAT requirements.

Performance Powder has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

Pioneer Circuits, Inc. (Permit No. 1-011262)

Pioneer Circuits, Inc. (Pioneer) is a full-service shop offering design, manufacturing, and assembly for aerospace, industrial, and military/defense applications. The manufacturing of a multilayer board generally proceeds by cutting the copper clad materials, photoresist application, inner-layer circuit imaging, resist developing, cupric chloride etching, and alkaline resist stripping. This is followed by surface prep (Cobra Bond), lamination, and drilling. The holes are cleaned by either permanganate or plasma etching, and made conductive through electroless copper plating. Outer-layer circuit development is conducted by pattern plate process steps including photoresist application, circuit imaging, resist developing, copper plating, tin/lead resist plating, ammonium etching, and solder stripping. Solder mask application and surface finishing such as hot air leveling or fuse-oil reflow complete Pioneer's wet process operations. The wastewater discharge at Pioneer is generated by aqueous fume scrubbing, boiler blowdown, RO reject, various spent process solutions, and the associated rinse wastestreams.

July 1 – December 31, 2024

Pioneer Circuits had no violations during this reporting period.

January 1 – June 30, 2025

In June 2024, Pioneer Circuits had a copper monthly average limit exceedance, for which an NOV will be issued in the next reporting period.

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

Powdercoat Services, LLC (Bldg E / Plant 1) (Permit No. 1-600167)

Powdercoat Services, LLC (Bldg E / Plant 1) (Powdercoat Services) cleans, surface treats, and powdercoats aluminum and steel. Powdercoat Services maintains one conveyorized wash line. Powdercoat Services collects spent solution and dragout for offsite disposal, and batch discharges the wash line's penultimate rinse basin post pH neutralization.

July 1 – December 31, 2024

On October 1, 2024, OC San issued an order to terminate discharge, as OC San did not receive Powdercoat Services' permit renewal application prior to the permit expiration date of September 30, 2024.

On November 1, 2024, OC San was notified Powdercoat Services' held assets were foreclosed upon and sold as part of a liquidation sale. Further, Powdercoat Services' has ceased operations, has filed for dissolution, and now closed for business. The permit is void as of September 30, 2024. No further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Powdercoat Services had no violations during this reporting period.

Powdercoat Services, LLC (Bldg J / Plant 3) (Permit No. 1-600168)

Powdercoat Services, LLC (Bldg J / Plant 3) (Powdercoat Services) performs surface prewash and conversion coating of aluminum and steel parts, prior to powder coat application per customer specifications. Powdercoat Services utilizes a three-stage phosphate wash line that is automated with an overhead conveyor track. The process and rinse chambers are set up as recirculating spray. Powdercoat Services waste-hauls spent phosphate solution and the initial rinse, and batch discharges the final rinse following pH neutralization.

July 1 – December 31, 2024

On October 1, 2024, OC San issued an order to terminate discharge, as OC San did not receive Powdercoat Services' permit renewal application prior to the permit expiration date of September 30, 2024.

On November 1, 2024, OC San was notified Powdercoat Services' held assets were foreclosed upon and sold as part of a liquidation sale. Further, Powdercoat Services' has ceased operations, has filed for dissolution, and now closed for business. The permit is void as of September 30, 2024. No further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Powdercoat Services had no violations during this reporting period.

PowderCoat Services, LLC. Plant 5 (Permit No. 1-600355)

Powdercoat Services, LLC. Plant 5 (Powdercoat Services) cleans, surface treats, and powdercoats aluminum and steel. Powdercoat Services maintains one conveyorized wash line. Powdercoat Services collects spent solution and dragout for offsite disposal, and batch discharges the wash line's final rinse basin post pH neutralization.

July 1 – December 31, 2024

On September 1, 2024, OC San issued an order to terminate discharge, as OC San did not receive Powdercoat Services' permit renewal application prior to the permit expiration date of August 31, 2024.

On November 1, 2024, OC San was notified Powdercoat Services' held assets were foreclosed upon and sold as part of a liquidation sale. Further, Powdercoat Services' has ceased operations, has filed for dissolution, and now closed for business. The permit is void as of August 31, 2024. No further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Powdercoat Services had no violations during this reporting period.

PowerDrive Oil & Gas Company, LLC (2nd) (Permit No. 1-600248)

Powerdrive Oil & Gas Company, LLC (Powerdrive) is an oil extraction company. A mixture of crude oil and brine water are pumped from the ground through nine wells to a wash tank where the oil and water are allowed to separate. The separated crude oil is decanted from the top of the wash tank to an oil storage tank, and the water gravity flows through a process flow meter and a three-stage clarifier before discharging to the sewer.

In 2023, crude oil was observed overflowing into a residence directly adjacent to Powerdrive's facility. After conducting inspections with the City of Huntington Beach including area excavations, OC San issued an NOV to Powerdrive for creating an obstruction in the sewer and causing a public nuisance. Powerdrive failed to respond to that NOV and OC San issued subsequent enforcement in April 2024. A response from Powerdrive was received in May 2024.

July 1 – December 31, 2024

Powerdrive's submittals to the previous enforcement actions were determined to be inadequate and failed to meet OC San's requirements.

On August 13, 2024, OC San issued a compliance requirement letter, requiring Powerdrive to resubmit the required information by September 15, 2024. Powerdrive provided a response on September 15, 2024 and is under review by OC San.

January 1 – June 30, 2025

On May 1, 2025, OC San issued a compliance requirement letter requiring Powerdrive to submit additional corrective actions to OC San identifying the processes and equipment to ensure Powerdrive's efforts to achieve long-term compliance with permit conditions. Powerdrive provided the proposed corrective actions on June 12, 2025 and is under review.

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

Precision Anodizing & Plating, Inc. (Permit No. 1-521809)

Precision Anodizing & Plating, Inc. (Precision Anodizing and Plating) performs plating, anodizing, and passivation on steel, stainless steel, and aluminum parts. Site operations include surface preparation and cleaning, plating, anodizing, passivation, chromate conversion, bright dipping, chemfilm and sealant application, and coloring.

Precision Anodizing & Plating discharges spent rinsewater to one of three continuous pretreatment trains for pH adjustment, hexavalent chromium reduction, heavy metals precipitation, and sedimentation. The facility batch treats spent process solutions as necessary.

July 1 – December 31, 2024

Precision Anodizing & Plating, Inc. had no violations during this reporting period.

January 1 – June 30, 2025

On January 15, 2025, Precision Anodizing & Plating had a nickel loading daily average limit exceedance, for which an NOV was issued on February 20, 2025. During a compliance inspection on March 6, 2025 Precision Anodizing & Plating was unable to readily identify the cause for the exceedance and a corrective action was not determined.

On May 6, 2025, OC San issued a compliance requirement letter, requiring Precision Anodizing & Plating to submit a corrective action report to OC San by May 30, 2025. On May 29, 2025, Precision Anodizing & Plating requested an extension, which OC San granted on June 4, 2025. Precision Anodizing & Plating is required to submit the corrective action report and all requisite compliance documents to OC San no later than July 15, 2025.

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

Prudential Overall Supply (Permit No. 1-071235)

Prudential Overall Supply (Prudential) is in the business of garment rental and cleaning and operates a number of facilities throughout the United States. The facility is equipped with automated laundering machinery and specializes in cleaning and redistribution of uniforms, mats, napkins, and aprons at an average rate of 24,800 pounds of laundry per day. Prudential does not operate a pretreatment system, but instead utilizes a collection basin used for suspended solids separation and a multi-stage underground clarifier. Wastewater is discharged into the open-topped below-grade basin from which it is pumped through a screen shaker to remove lint and larger solids. After passing through the shaker, wastewater is discharged back into the basin where it flows by gravity through a multi-stage underground clarifier before discharging to the sewer system.

July 1 – December 31, 2024

On July 9, 2024, Prudential had an O&G min. loading daily average limit exceedance, for which an NOV was issued on August 22, 2024. During a compliance inspection on September 16, 2024, Prudential attributed the exceedance to the washing of towels saturated from fish oils.

On September 24, 2024, Prudential submitted a corrective action report identifying two major causes: using an incorrect wash formula for fish oil saturated towels, and processing the towels outside of the designated wash schedule for the facility. As a corrective action, Prudential implemented training of all production managers and wash floor operators on the correct use of wash formulas. Results of the re-sample demonstrated compliance with O&G min. discharge limits for the remainder of this reporting period. Prudential had no further violations during the reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Prudential had no violations during this reporting period.

OC San will continue to monitor Prudential'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.

July 1 – December 31, 2024

On August 1, 2024, OC San issued an NOV for the May 2024 copper monthly average limit exceedance.

January 1 – June 30, 2025

Q-Flex had no violations during this reporting period.

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

Quality Aluminum Forge, LLC (Cypress North) (Permit No. 1-521833)

Quality Aluminum Forge, LLC (Cypress North) (QAF-North) produces aluminum alloy aerospace forgings. The major manufacturing process equipment consists of forging units, ovens, a heat treat (quench) tank, and a surface preparation/etch line. Various cycles of forging, heating, etching, and quenching are used to form the metal and obtain the desired metallurgical properties. Wastewater generating operations include acid deoxidation, caustic etch, cold water rinse, hot water rinse, and vibratory deburring machine. Wastewater is treated in a continuous treatment system with pH adjustment, flocculation, solids settling, filter press, and a clarifier.

July 1 – December 31, 2024

In July 2024, QAF-North had a chromium production-based monthly average limit exceedance, for which an NOV was issued on October 22, 2024.

On November 27, 2024, QAF-North submitted a corrective action report, stating that they had completed a review and evaluation of their industrial wastewater generating processes and treatment activities. QAF-North found no process upsets or other changes to standard processes conducted at the facility and were unsure of the cause of the exceedance.

January 1 – June 30, 2025

QAF-North had no violations during this reporting period.

Subsequent sampling has demonstrated compliance with discharge limits for the remainder of this reporting period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

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

Quikturn Professional Screenprinting, Inc. (Permit No. 1-521858)

Quikturn Professional Screenprinting, Inc. (Quikturn) is a large silk screening facility for various clothing apparel. Wastewater is generated from screen washing after each clothing lot has been completed. Screens are washed in an automated washer or one of three spray booths.

July 1 – December 31, 2024

Quikturn had no violations during this reporting period.

January 1 – June 30, 2025

On January 15, 2025, Quikturn had a copper instantaneous and daily average limit exceedance, for which an NOV was issued on February 6, 2025.

During a compliance inspection on February 26, 2025, OC San staff noted that during the January 15th sampling event, some of the wastewater aliquots within the composite sampler were observed to be black around nine o'clock in the morning. Quikturn explained that the likely reason for the black wastewater was due to Quikturn staff accidentally dumping spent ink from the screen-printing machines to the sewer via the spray booths, instead of the designated drums meant for spent ink storage and future off-site disposal. Quikturn indicated that staff have been retrained to properly dispose of spent ink generated from their machines.

On March 10, 2025, OC San issued a compliance requirement letter, requiring Quikturn to submit a corrective action report to OC San identifying the root cause of the copper exceedance and the facility's efforts to achieve long-term compliance with permitted discharge limits.

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

Ray's Auto Care

Ray's Auto Care (Ray's Auto) is an automotive repair shop. Ray's Auto provides oil changes and general automotive maintenance.

July 1 – December 31, 2024

During an industrial waste survey on October 1, 2024, OC San staff observed a grated floor drain that connects to the sewer in an uncovered waste storage area. The waste storage area contained drums of automotive fluids (e.g., waste oil, transmission fluid, antifreeze). It was apparent that oily wastewater had been discharged into the drain. Ray's Auto staff confirmed that oily wastewater from routine cleaning was being discharged to the drain.

On October 17, 2024, OC San issued an NOV for failing to comply with OC San's Ordinance which prohibits storm water discharge to the sewer. This NOV also summarized the results of the industrial waste survey, and required Ray's Auto to submit a proposal to prevent the discharge of storm water and non-domestic wastewater to the sewer from the waste storage area and permanently seal the floor drain.

On November 1, 2024, Ray's Auto submitted a proposal to permanently seal off the sewer connection by removing debris and standing liquids in the floor drain, and filling the floor drain with concrete. On November 13, 2024, OC San issued a compliance requirement letter, accepting the proposal, requiring implementation by January 13, 2025.

January 1 – June 30, 2025

During a follow up inspection on January 3, 2025, OC San confirmed that the floor drained was sealed.

Ray's Auto had no violations during this reporting period. No further action is required at this time and this enforcement case is closed.

Rigiflex Technology, Inc. (Permit No. 1-021187)

Rigiflex Technology, Inc. (Rigiflex) manufactures prototype printed circuit boards. Onsite operations include image printing, developing, etching, stripping, micro-etching, cleaning, drilling, solder-masking, and laminating. The facility subcontracts metal plating required for fabrication. Rigiflex maintains one film developer, one alkaline etcher, one photopolymer resist stripper, one solder-mask developer, two pumice scrub wash booths, and several conditioning and cleaning lines. Rigiflex discharges wastewater generated from the developers, photopolymer resist stripper, and wash booths to an equalization tank, then to a pretreatment tank for continuous pH adjustment before discharge to the sample point and sewer. Wastewater generated from active etching and conditioning equipment is discharged to a closed-loop ion exchange system until the solutions are spent. Rigiflex collects spent process chemicals and ion exchange system regenerate for offsite disposal.

On June 11, 2024, Rigiflex had copper instantaneous and daily average limit exceedances, for which an NOV was issued on June 25, 2024.

July 1 – December 31, 2024

During a compliance inspection on July 9, 2024, Rigiflex attributed the exceedances to copper plating anodes found within in the compliance sample point. While the reason for the copper plating anodes' presence in the compliance sample point is unknown, Rigiflex stated the copper plating balls likely leached copper into the industrial wastewater discharge. As corrective actions, Rigiflex removed the copper plating anodes and cleaned the sample point. Despite the efforts to return to compliance, the risk remains that metal-bearing wastewater may continue to discharge to the sewer without adequate pretreatment. Moreover, copper plating anodes within the compliance sample point raises concerns that wastes generated on-site are not managed properly.

On July 31, 2024, OC San issued a compliance requirement letter, requiring Rigiflex to submit a waste management proposal by September 30, 2024. On September 27, 2024, Rigiflex submitted a waste management proposal for OC San's review.

January 1 – June 30, 2025

On March 17, 2025, OC San completed its review and requested Rigiflex to provide additional information regarding its waste management proposal. On April 30, 2025, Rigiflex submitted an addendum to its wastewater management proposal to OC San for review.

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

Robinson Mfg. Inc.

Robinson Mfg. Inc. (Robinson) is a machining shop that produces customized parts for automotive, lighting, construction, military, laboratory, gas and electric, and solar industries. Operations include CNC milling, laser cutting, stamping, and welding.

July 1 – December 31, 2024

On November 6 and 13, 2024, OC San staff attempted to conduct an industrial waste survey, however Robinson denied OC San staff access on both dates.

On November 21, 2024, OC San issued an NOV for denying OC San staff site access for entry.

January 1 – June 30, 2025

On February 4, 2025, OC San conducted an industrial waste survey to determine wastewater discharge permit applicability.

On February 12, 2025, OC San issued a notice, informing Robinson that a wastewater discharge permit would not be required; therefore, this enforcement case is closed.

Robinson Pharma, Inc. (Gummy - H6) (Permit No. 1-602214)

Robinson Pharma, Inc. (Robinson Pharma) is a pharmaceutical manufacturer of a variety of nutraceutical products. The operations at the Gummy - H6 facility are dedicated to the manufacturing of gummy dietary supplements. Raw liquid materials and dry powders are blended together then placed into melters. Warm water is introduced creating liquid gummy material and specific vitamin(s) are added based on customer specifications. The product is then transferred to a mold. After cooling, the gummy is released and can be coated depending on customer specifications. The final stage is inspection and bulk or case packaging.

Wastewater is generated from the washing and sanitization of processing equipment. Robinson Pharma has three washrooms where all containers, trays, and movable equipment are sanitized. Wastewater is also generated from general floor washing.

July 1 – December 31, 2024

On December 9 and 10, 2024, Robinson Pharma had pH violations, for which an NOV will be issued during the next reporting period.

January 1 – June 30, 2025

On January 21, 2025, OC San issued an NOV for the pH violation which occurred during the previous reporting period.

On February 11, 2025, OC San conducted a compliance inspection in response to the December 9 and 10, 2024 pH violations. During this compliance inspection, Robinson Pharma attributed the pH violation due to vinegar used as a product ingredient as part of the gummy manufacturing process. OC San required Robinson Pharma to submit a corrective action letter.

On March 3, 2025, Robinson Pharma submitted a corrective action letter in response to the NOV issued on January 21, 2025. Robinson Pharma attributed the low pH to the use of ingredients that have low pH characteristics. Additionally, Robinson Pharma attributed the current pretreatment system lacking adequate pH adjustment and treatment prior to discharge to the sewer. Robinson Pharma is currently looking into upgrading the pretreatment system to conduct pH adjustment prior to sewer discharge.

On March 3 and 4, 2025, Robinson Pharma had pH violations, for which an NOV was issued on April 8, 2025. On April 24, 2025, OC San conducted a compliance inspection, Robinson Pharma attributed the pH violation due to utilization of ingredients that have low pH characteristics. Robinson Pharma is working on a pretreatment system proposal which would include pH adjustment prior to sewer discharge.

On April 24, 2025, Robinson Pharma had a pH violation, for which an NOV was issued on June 16, 2025.

On June 10, 2025, OC San issued a letter to Robinson Pharma to attend a compliance meeting due to recent pH violations. Prior to the compliance meeting, Robinson Pharma was required to develop a proposal for a pretreatment system to maintain long-term compliance.

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

Robinson Pharma, Inc. (Harbor South - H1) (Permit No. 1-511412)

Robinson Pharma, Inc. (Robinson Pharma) is a pharmaceutical manufacturer of a variety of "nutraceutical" products. The operations at the Harbor South – H1 facility are dedicated to the production of softgel capsule and liquid supplement manufacturing. Products manufactured include a wide variety of animal oils, multivitamins, minerals, and botanicals. Liquid products include liquid collagen of various flavors. Raw materials of both liquid and dry powders are mixed in various size containers to achieve viscous liquid which is subsequently formulated to achieve various types of products and transferred to encapsulation lines.

Wastewater is generated from a reverse osmosis (RO) system, washing of processing equipment, and vacuum pump discharge. Robinson Pharma Inc. (Harbor South -H1) has six washrooms for cleaning and washing of tanks, lids, mixing paddles, sieve/screens, and buckets used during the blending processes and for holding fill material and gelatin mass. Wastewater is also generated from washing large gelatin melters and homogenizers/mixers in place, along with general floor washing.

July 1 – December 31, 2024

Robinson Pharma had no violations during this reporting period.

January 1 – June 30, 2025

On March 4, 2025, OC San conducted a permit renewal inspection and OC San staff observed regulated wastestreams from the vegetable compounding area and from one of the washrooms discharging to sewer drains that bypass the permitted sample point. A review of plumbing diagrams provided by Robinson Pharma confirms these regulated wastestreams are not captured through the permitted sample point.

On April 29, 2025, OC San issued an NOV to Robinson Pharma, requiring them to submit a proposal by June 30, 2025, to install a representative sample point and include facility plans and plumbing drawings.

On May 19, 2025, OC San received a letter from Robinson Pharma addressing the non-compliance issue. Robinson Pharma provided an updated facility diagram noting all process wastewater from the vegetable compounding area is routed to the existing clarifier and routed through the currently permitted sample point. Additionally, Robinson Pharma decommissioned the washroom which had regulated non-domestic wastewater bypassing the permitted sample point.

On May 28, 2025, OC San issued a compliance requirement letter accepting Robinson Pharma's corrective actions and confirming the final stage of the multi-stage clarifier will remain as the currently permitted sample point.

Robinson Pharma has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

S & C Oil Company, Inc. (2) (Permit No. 1-601637)

S & C Oil Company, Inc. (2) (S & C Oil) extracts crude oil from one oil well. The extracted mixture of groundwater and crude oil is routed to a large, cylindrical wash tank, which acts as a primary oil/water separator. The water from the bottom of this tank is passed through an above ground, three-stage clarifier. The crude oil is collected from the top of the wash tank in a separate product tank for export. Wastewater from the clarifier is discharged through an effluent flow meter to the sewer.

In May 2024, OC San was made aware of an incident involving a local sewer line in the City of Huntington Beach which showed accumulated heavy black grit in S & C Oil's lateral and the subsequent OC San trunkline. S & C Oil was determined to be in violation of OC San Class I Wastewater Discharge Permit No. 1-601637 and OC San's Wastewater Discharge Ordinance No. OCSD-53 (Ordinance), for causing an obstruction in the sewer.

July 1 – December 31, 2024

On July 10, 2024, OC San issued an NOV for the observed wastewater with oily grit and sheen in OC San's trunkline and S & C Oil's sewer lateral. S&C Oil provided a response on August 7, 2024.

January 1 – June 30, 2025

On April 22, 2025, OC San issued a compliance requirement letter requiring S & C Oil to submit additional corrective actions to OC San identifying the processes and equipment to ensure the facility's efforts to

achieve long-term compliance with permit conditions. S & C Oil provided the proposed corrective actions on June 10, 2025.

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

Safety-Kleen Systems, Inc. (Permit No. 1-600690)

Safety-Kleen Systems, Inc. (Safety-Kleen) is a bio-hazardous waste storage and transfer facility. Operations at Safety-Kleen include steam sterilization of various containers containing biohazardous sharps and red-bag medical wastes. Following each sterilization cycle, sterilized contents are inspected and transported off-site for off-site disposal as solid waste.

Wastewater is generated from the cleaning and sterilization of the medical waste containers, condensate from autoclave units, and from general floor cleaning and disinfection.

July 1 – December 31, 2024

On September 9, 2024, OC San was made aware that the responsible officer (RO) was no longer with the company (as of August 2024), of which OC San was not notified, and rendering the permit without a valid RO.

On November 5, 2024, OC San issued an NOV for failing to comply with the permit conditions to notify OC San of changes to the permit personnel. Safety-Kleen has since appointed a new RO which was documented in the permit renewal application provided on September 17, 2024.

January 1 – June 30, 2025

Safety-Kleen had no violations during this reporting period. No further action is required at this time and this enforcement case is closed.

OC San will continue to monitor Safety-Kleen Systems, Inc.'s discharge and compliance status on a quarterly basis.

Sanmina Corporation (Airway) (Permit No. 1-061008)

Sanmina Corporation (Sanmina Airway) is a printed circuit board manufacturer that produces rigid multi-layer, rigid flex, and flexible printed circuit boards.

Sanmina Airway operates a batch and continuous pretreatment system. Non-metal bearing wastestreams are pumped through an above ground clarifier, undergo pH monitoring and adjustment before being discharged through an oil/water separator. Light metal bearing wastestreams are collected in lift stations and pumped to batch treatment tanks. Effluent from batch treatment is pumped through a filter press for solids removal and dewatering, with the solids waste hauled offsite. Filtrate from the press is directed through the above ground clarifier. Concentrated metal bearing waste is transferred to their other facility for treatment.

July 1 – December 31, 2024

On September 19, 2024, Sanmina Airway had a copper instantaneous exceedance, for which an NOV was issued on October 14, 2024. A root cause and corrective action was submitted on November 13, 2024, stating one of the decanting valves from the batch tank was left open which created bypass of treatment. As a corrective action, Sanmina Airway installed additional fittings for the operation of the system.

Sanmina Airway has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

On January 21, 2025, OC issued a probation order for nonpayment for delinquent invoices, requiring permittee to submit payment by February 19, 2025.

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

Sanyo Foods Corp. of America (Permit No. 1-602463)

Sanyo Foods Corp. of America (Sanyo) is a manufacturer of instant dry ramen noodles of various flavors, packaged in plastic wrapping and shipped for distribution throughout the United States. Wastewater is generated from general cleaning and sanitization of the equipment and facility.

July 1 – December 31, 2024

Based on an inspection conducted on December 16, 2024, Sanyo was identified as a discharger that meets one or more criteria as an industrial wastewater discharger and requiring the issuance of a Class I Wastewater Discharge Permit.

On December 30, 2024, OC San issued an NOV for discharging without a permit and required the submittal of a permit application during the next reporting period.

January 1 – June 30, 2025

On February 10, 2025, an order to terminate discharge was issued due to failure to submit a permit application by January 31, 2025. After OC San received a permit application, the permit was issued to Sanyo, effective March 1, 2025.

On March 4, 2025, a compliance requirement letter was issued, requiring Sanyo Foods to attend a compliance meeting on March 10, 2025. The compliance meeting was held to discuss the requirements and conditions listed on the issued permit.

During the compliance meeting on March 10, 2025, OC San and Sanyo Foods discussed the permit conditions which included a slug control plan, manufacturing process layout drawings, proposal to eliminate discharge of unpolluted water used to cool down and/or maintain pumps, and a proposal to install a pretreatment system and eliminate stormwater discharge.

On April 10, 2025, OC San issued a compliance requirement letter requiring the submittal of a slug control plan, manufacturing process layout, proposal to install a pretreatment system, and proposal to eliminate stormwater discharge. Sanyo has submitted a slug control plan, manufacturing process layout drawings, lab results of water from the pumps, and eliminating stormwater discharge, but failed to submit a proposal for a pretreatment system.

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

Scisorek & Son Flavors, Inc. (Permit No. 2-022248)

Scisorek & Son Flavors, Inc. (S&S Flavors) is a manufacturer of food flavors used in candies, ice cream, popsicles, coffee grinds, juices, and other miscellaneous food applications. Artificial and natural ingredients are mixed and blended in tanks to create concentrated flavor powders and syrups. Process tanks and mixing vessels ranging from 1 to 1,000-gallon capacity are utilized for batch production of specialized liquid flavors. Wastewater is generated from cleaning of process tanks, mixing vessels and floors. These equipment are cleaned with water and sanitizer following each batch run. Wastewater is directed to floor drains located within each production area. Floors are cleaned at the end of each work day with water and sanitizer. S&S Flavors does not have a pretreatment system.

July 1 – December 31, 2024

S&S Flavors had no violations during this reporting period.

January 1 – June 30, 2025

On May 21, 2025, S&S Flavors had a pH violation, for which an NOV will be issued during the next reporting period.

OC San will continue enforcement during the next reporting period and continue to monitor S&S Flavors discharge and compliance status during the next monitoring period.

Shepard Bros., Inc. (Permit No. 1-031034)

Shepard Bros., Inc. (Shepard Bros.) is a soap and detergent manufacturer that blends both liquid and dry components into a complete line of wet and dry cleaning products for the food and dairy industry. All products are produced by a “batch process” and packaged in either plastic barrels, lined cardboard barrels, totes or gallon jugs. The two blending process uses approximately 400 compounds, including liquid and powdered acids, alkalis, additives, chelants and phosphates are handled and stored at the site. The liquid process involves the addition of various additives, chelants, phosphates, etc. to water and blending in large tanks. This is followed by the addition of either acids or alkalis depending on the type of product. The only wastewater generated from this process is an occasional small amount of tank and hose rinsate. The process to produce powder products uses powdered acids, alkalis, chelants, etc. to make the various floor cleaners, laundry detergents, sanitizers, and cleaners, which are blended in the powder blender. There is no wastewater produced in this process. Shepard Brothers operates a manual batch pretreatment system. The pH is adjusted with caustic soda.

July 1 – December 31, 2024

Shepard Bros. had no violations during this reporting period.

January 1 – June 30, 2025

On June 5, 2025, Shepard Bros. had a pH violation, for which an NOV will be issued during the next reporting period.

OC San will continue enforcement during the next reporting period and continue to monitor Shepard Bros. discharge and compliance status during the next monitoring period.

Simply Fresh, LLC (Permit No. 1-600709)

Simply Fresh, LLC (Simply Fresh) produces various refrigerated packaged foods including salsa, layered dip, hummus, and salad. Wastewater is generated from the cleaning, sanitizing, and processing of fresh vegetables and other ingredients, as well as general equipment, surface, and floors washing. All wastewater generated in the production area flows from floor drains to a four-stage underground clarifier.

July 1 – December 31, 2024

On August 1, 2024, OC San was made aware that the responsible officer (RO) was no longer with the company (as of March 2023), of which OC San was not notified, rendering the permit without a RO. On August 19, 2024, OC San issued an NOV for failing to comply with the permit conditions to notify OC San of changes to the permit personnel. OC San required forms assigning a new RO by September 15, 2024.

On September 10, 2024, OC San received forms assigning the new RO. Therefore, this enforcement case is closed.

January 1 – June 30, 2025

Simply Fresh had no violations during this reporting period.

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

Sioux Honey Association (Permit No. 1-602027)

Sioux Honey Association (Sioux Honey) is manufacturer of wholesale honey products. Wastewater is generated from the washdown of drums, equipment and filling line, lubrication of fill lines, boiler blowdowns, DI regeneration and a hand sink in the machine shop. Wastewater primarily comes from daily flushes of the filling line and drum wash line. Wastewater is discharged through several floor drains, which collects in a three stage clarifier and adjusted for pH between the first and second stage, prior to discharge to the sewer.

July 1 – December 31, 2024

Sioux Honey had no violations during this reporting period.

January 1 – June 30, 2025

During a compliance inspection on February 28, 2025, Sioux Honey was observed bypassing the pH adjustment system by unplugging the bypass pipe between the second and third stage of the clarifier. Under normal operating procedures, wastewater would be pumped from the second stage to an above ground pH adjustment system.

On March 20, 2025, OC San issued a compliance requirement letter, requiring Sioux Honey to submit a proposal to eliminate the bypass between the second and third stage of the clarifier and submit an O&M manual. Sioux Honey submitted a proposal from a contractor to eliminate bypass, but it was not clear what the scope of work entailed.

On April 30, 2025, Sioux Honey informed OC San the facility is no longer in production and would not require a wastewater discharge permit. The facility transitioned to a warehouse and manufacturing honey is being conducted at a different state.

Sioux Honey had no further violations during this report period. Therefore, no further enforcement is required at this time and this enforcement case is closed.

SPS Technologies LLC, DBA Cherry Aerospace (Permit No. 1-511381)

SPS Technologies, LLC, DBA Cherry Aerospace (Cherry Aerospace) is a manufacturer of blind rivets for the aerospace industry. Manufacturing operations include metal forming (extruding, forging, rolling, and drawing) and surface metal finishes. Wastewater generating operations include plating, anodizing, washing and other metal surface treatment processes. Cherry Aerospace also discharges aqueous fume scrubbing, cooling tower bleed, and boiler blow down. Cherry Aerospace operates a continuous pretreatment system for oily, cyanide bearing, chrome bearing, and metal bearing wastestreams. Wastewater treatment on-site consists of, chromium reduction, cyanide destruction, chemical (sulfide) precipitation, clarification, coagulation, sludge dewatering, oil skimming, and metal ion exchange.

Cherry Aerospace had a cadmium monthly average exceedance for June 2024.

July 1 – December 31, 2024

On September 4, 2024, OC San issued an NOV for the June 2024 cadmium monthly average exceedance. On September 5, 2024, Cherry Aerospace had a chromium production-based daily maximum exceedance, for which an NOV was issued on November 8, 2024.

On October 2, 2024, Cherry Aerospace had a total sulfides instantaneous exceedance, for which an NOV was issued on October 16, 2024. On November 5, 2024, OC San issued an NOV for the August 2024 chromium monthly average exceedance.

During a compliance inspection on November 6, 2024, OC San inquired about any changes to the sulfide precipitation chemistry used for metals precipitation. Cherry Aerospace noted they were unaware of the total and dissolved sulfides limits, and OC San reminded Cherry Aerospace that although certain constituents are not required for self-monitoring, they are required to be compliant with permit limits at all times. Cherry Aerospace also noted they were working with vendors to repair their in-house testing devices

which had not been in operation for several months. OC San also noted the past cadmium and chromium exceedances, to which Cherry Aerospace noted they would investigate how the sulfides dosing for metals precipitation could effectively meet metals limits while also meeting the total and dissolved sulfides limits. OC San also noted that an oil skimmer which was previously not operational had been repaired.

Also on November 6, 2024, Cherry Aerospace had total sulfides and dissolved sulfides instantaneous exceedances, for which an NOV was issued on December 13, 2024. On November 7, 2024, Cherry Aerospace had cadmium daily maximum and loading daily maximum exceedances, for which an NOV will be issued during the next reporting period. Additionally in November 2024, Cherry Aerospace had cadmium and chromium monthly average exceedances, for which an NOV will be issued during the next reporting period.

On December 5, 2024, Cherry Aerospace had cadmium instantaneous, daily maximum, and loading daily maximum exceedances, and copper instantaneous and daily maximum exceedance, for which an NOV will be issued during the next report period. On December 10, 2024, OC San issued an NOV for the September 2024 chromium monthly average exceedance. In December 2024, Cherry Aerospace had cadmium, copper, and cyanide monthly average exceedances, for which an NOV will be issued during the next reporting period.

January 1 – June 30, 2025

On January 8, 2025, OC San conducted a compliance inspection in response to the November 6, 2024 sulfide violations. During this compliance inspection, Cherry Aerospace attributed the sulfide exceedances due to excessive sulfide precipitant used in the pretreatment system. Cherry Aerospace has reduced the usage of the sulfide precipitant; however, while resolving the sulfide issue, Cherry Aerospace incurred exceedances of cadmium and copper during December 5, 2024. OC San reminded Cherry Aerospace to continue to resolve the sulfide issue and resolve potential heavy metals due to the reduction of sulfide precipitant. OC San was also made aware that the Responsible Officer (RO) was no longer employed by Cherry Aerospace as of November 2024.

On January 8, 2025, OC San issued the NOV for cadmium daily average loading daily average exceedances occurred during the previous reporting period. On January 15, 2025, Cherry Aerospace had a cadmium daily average limit exceedance, for which an NOV was issued on March 5, 2025. On January 22, 2025, OC San issued Cherry Aerospace an NOV for failing to comply with the permit conditions to notify OC San of changes to the permit personnel. OC San required new forms assigning a new RO by February 28, 2025.

On January 30, 2025, OC San issued an NOV for exceeding the cadmium instantaneous, daily maximum, and loading daily maximum discharge limits, and the copper instantaneous and daily maximum discharge limits which occurred during the previous reporting period. On February 3, 2025, OC San issued an NOV for the November 2024 cadmium and chromium monthly average discharge limit exceedance.

On February 13, 2025, OC San issued a compliance requirement letter requiring Cherry Aerospace to attend a compliance meeting to discuss storm water issues, self-monitor report issues, and multiple pollutant violations dating back to December 2023. On March 5, 2025, a compliance meeting was held between OC San and Cherry Aerospace. During the compliance meeting, Cherry Aerospace presented their explanations for the recent ongoing non-compliances. Cherry Aerospace explained that in-house analytical equipment had deficiencies and was unable to perform in-house testing to verify compliance with permitted discharge limits. Cherry Aerospace confirmed in-house equipment was repaired and currently operational. Cherry Aerospace also established internal communication channels between SPS employees from production, process engineering, and environmental.

On March 5, 2025, OC San issued an NOV for the December 2024 cadmium, copper, and cyanide (total) monthly average discharge limit exceedances. On February 15, 2025, Cherry Aerospace had a cadmium daily average limit exceedances for which an NOV was issued on March 5, 2025. On February 11, 2025, Cherry Aerospace had cadmium daily average limit and loading daily average limit exceedances for which an NOV was issued on March 18, 2025. Cherry Aerospace also had a total sulfide instantaneous limit exceedance, for which an NOV was issued on April 8, 2025.

On April 1, 2025, a compliance meeting summary and requirements letter was issued requiring an industrial waste characterization report, waste management plan proposal, and updated Operation and Maintenance manual for the pretreatment system by June 1, 2025. Additionally, starting June 1, 2025, the self-monitoring frequency for cadmium, dissolved sulfides, and total sulfides was increased. On April 1, 2025, OC San issued an NOV for the January 2025 cadmium monthly average discharge limit exceedance.

On April 7, 2025, OC San conducted a compliance inspection in response to the February 11, 2025 violation for the exceedance of total sulfides and cadmium. During this compliance inspection, Cherry Aerospace attributed the sulfide exceedances due to excessive sulfide precipitant used in the pretreatment system. Though Cherry Aerospace attempted to reduce the usage of the sulfide precipitant, Cherry Aerospace incurred an exceedance of cadmium as well. Cherry Aerospace also attributed the cadmium exceedance due to newly hired production employees not following proper drag out of plating operations and not following Best Management Practices. Cherry Aerospace currently schedules bi-weekly meetings with management, production, and environmental departments to discuss the importance of best management practices and mitigating excessive pollutants discharged to the pretreatment system. OC San reminded Cherry Aerospace to continue to resolve the sulfide issue and resolve potential heavy metals due to the reduction of sulfide precipitant.

On February 4, 2025, Cherry Aerospace had a nickel daily limit exceedance, for which an NOV was issued on April 10, 2025. On May 1, 2025, OC San issued an NOV for the February 2025 cadmium monthly average discharge limit exceedance.

On April 23, 2025, OC San issued a compliance requirement letter requiring that Cherry Aerospace submit another proposal to prevent the discharge of stormwater to the sewer. On May 31, 2025, OC San received an updated industrial waste characterization report, and updated Operation and Maintenance manual for the pretreatment system from Cherry Aerospace.

OC San will continue enforcement during the next reporting period and will continue to monitor Cherry Aerospace'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.

July 1 – December 31, 2024

Stepan had no violations during this reporting period.

January 1 to June 30, 2025

On June 10, 2025, Stepan had an instantaneous limit and daily average limit exceedance for 1,4-dioxane, for which an NOV will be issued in the next reporting period.

OC San will continue enforcement 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 waste stream is further treated by another set of ion exchange system to produce deionized water that is re-used for their production. Unrecycled treated unchelated and chelated 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 batch treatment, while regeneration waste for the deionized water production is discharged to the final discharge tank for pH adjustment. Batch treatment is also conducted for all spent solutions and other miscellaneous waste streams. 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.

July 1 – December 31, 2024

Summit had no violations during this reporting period.

January 1 to June 30, 2025

On April 10, 2025, Summit had a copper loading daily average limit exceedance, for which an NOV was issued June 24, 2025.

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

Summit Interconnect, Inc., Orange Division (Permit No. 1-600060)

Summit Interconnect, Inc., Orange Division (Summit – Orange) 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, desmearing, pumice scrubbing, and miscellaneous cleanup/mop water.

The wastewater treatment system at Summit – Orange consists of a Kinetico IX Water Recycle System (Kinetico IX WRS) for non-chelated copper rinsewater, and batch treatment for spent process chemicals, dragout rinse tanks, and IX regenerant. DI water is produced from the Kinetico IX WRS system and used in multiple rinses, where it is then returned to the Kinetico system for recycling. The IX columns are regenerated using sulfuric acid. Effluent from the batch treatment system and the Kinetico IX WRS system is adjusted for pH. Wastewater then flows to a three-stage clarifier with a sample box and then to the sewer.

In December 2023, Summit – Orange received NOVs for exceeding the dissolved sulfide and total sulfide limits. In a subsequent compliance inspection in January 2024, dissolved sulfide and total sulfide limits were again exceeded. A subsequent compliance inspection was performed in March 2024 and dissolved sulfide and total sulfide where concentrations were compliant. Corrective action reports were received by OC San from Summit in April 2024. The renewed discharge permit effective May 1, 2024, also contained requirements for semi-annual sampling for dissolved sulfide and total sulfide.

July 1 – December 31, 2024

On July 9, 2024, OC San issued a compliance requirement letter, requiring Summit – Orange to attend a compliance meeting to discuss the previous dissolved sulfide and total sulfide exceedances.

During the compliance meeting on August 1, 2024, Summit – Orange explained that after they received the first NOV issued in December 2023, they performed clarifier cleaning as it was thought that solids build-up caused the exceedances. They also purchased a test kit to monitor for sulfides but noted that the kit was not sufficiently sensitive to verify compliance. Following the second NOV and consulting with a chemical vendor, they tested ferric sulfate to precipitate and remove sulfides in the wastewater. They performed sampling on multiple treated batches using ferric sulfate and results were non-detect for dissolved sulfide and total sulfide. Summit – Orange also purchased a more sensitive testing kit (Hach colorimeter) to monitor

sulfides; the results of which have been logged. OC San's sampling results from the resample on March 14, 2024, were non-detect for dissolved sulfide and total sulfide.

On August 14, 2024, OC San issued a compliance meeting summary and requirements letter, requiring an updated operations and maintenance manual be submitted to OC San by September 13, 2024. The updated operations and maintenance manual was received September 6, 2024.

On September 26, 2024, OC San issued an acceptance letter for the corrective actions and updated operations and maintenance manual

January 1 – June 30, 2025

Summit – Orange had no violations during this reporting period. Summit - Orange has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

Sunny Delight Beverages Co. (Permit No. 1-021045)

Sunny Delight Beverages Co. (Sunny Delight) blends juice concentrate, soft water, sugar, and other pre-mix ingredients into several blend tanks based on a set recipe that is controlled by a computer program. On average, Sunny Delight blends one batch (approximately 3,000 to 4,000 gallons), per hour depending on production. Wastewater is generated as need for a flavor change, weekly CIP of machinery and blend tanks, floor washing/cleaning, boiler blowdown, cooling tower bleed, and regeneration of the soft water system.

In April 2024, Sunny Delight had a pH violation.

July 1 – December 31, 2024

On August 1, 2024, OC San issued a compliance requirement letter to address an April 2024 pH violation and submit a corrective action report and updated drawings for the facility. On October 9, 2024, OC San issued an NOV for failing to submit updated drawings in accordance with the August 1, 2024 compliance requirement letter. On November 11, 2024, Sunny Delight submitted updated drawings to OC San.

January 1 – June 30, 2025

Sunny Delight had no violations during this reporting period. Sunny Delight has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

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

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

Superior Connector Plating Inc. DBA Superior Plating Inc. (Superior Connector Plating) is a medium-sized plating shop serving both aerospace and commercial 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, & static), silver strike, tin/lead plating, yellow chromate, and zincate. Superior Connector Plating operates a batch pretreatment system, which consists of pH adjustment, cyanide destruction, chromium reduction, chemical precipitation, clarification, coagulation, filter press filtration, and final effluent filtration. Non-metal bearing wastestreams undergo pH adjustment only.

In January 2024, Superior Connector Plating had a cadmium exceedance.

July 1 – December 31, 2024

During a compliance inspection on October 29, 2024, Superior Connector Plating stated they would be attempting to reduce cadmium concentrations to 0.05 mg/L or lower, perform frequent change out of cadmium static drag out tanks, provide training to operations and continue investigating advance options treatment such as ion exchange.

Subsequent sampling has demonstrated compliance with discharge limits for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Superior Connector Plating had no violations during this reporting period.

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

Tandem Foods (Bloomfield North) (previously Bar Bakers, LLC (Bloomfield North)) (Permit No. 1-602504)

Tandem Foods (Bloomfield North) (Tandem-B), is a commercial bakery that produces a variety of baked goods such as nutritional bars, baked bars, wafer cookies, chocolate molding, and granola. Ingredients are mixed and weighted according to recipes then machined into specific shapes needed for baking. After baking, the products are cooled prior to packaging, storage, and shipment. Wastewater is generated from the clean, washing, rinsing, and sanitization of the mixers, process equipment, and other baking related equipment. Wastewater flows to one of two, four-stage underground clarifiers located along the north side of the facility.

July 1, 2024 – December 31, 2024

Based on an inspection conducted on July 24, 2024, Tandem-B was identified as a discharger that meets one or more criteria as an industrial wastewater discharger and requiring the issuance of a Class I Wastewater Discharge Permit.

On November 25, 2024, OC San an NOV for discharging industrial wastewater without a permit, requiring the submission of a permit application by January 31, 2025.

January 1 – June 30, 2025

On February 11, 2025, Tandem B was issued an order to terminate discharge without a valid permit, as a result of Tandem-B's failure to submit a Class I wastewater discharge permit application by January 31, 2025. On March 6, 2025, OC San received a Class I permit application from Tandem-B.

On April 24, 2025, Tandem-B was issued an NOV for failing to comply with the order to terminate discharge and a final notice to terminate discharge. On February 26, 2025, March 5, 2025, and April 16, 2025, OC San staff performed inspections at Tandem-B to verify the wastewater discharge status at Tandem's facility. During the inspections, industrial wastewater discharge to the sewer was observed at the four-stage underground clarifier along the eastern side of the property.

On May 8, 2025, Tandem-B was issued a notice to identify a representative sample point and requirement to submit an industrial wastewater management proposal. Industrial wastewater from Tandem-B discharges to two underground clarifiers along the northern side of the building. The discharge from both clarifiers converges downstream and underground prior to discharge to the local sewer line. Tandem must submit a proposal to establish a representative sample point, including facility plans and drawings, that captures all industrial wastewater discharged to the sewer by June 20, 2025.

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

Tandem Foods (Calle Lee) (previously Bar Bakers, LLC (Calle Lee)) (Permit No. 1-602505)

Tandem Foods (Calle Lee) (Tandem-C), is a commercial bakery that produces a variety of baked goods such as nutritional bars, baked bars, wafer cookies, chocolate molding, and granola. Ingredients are mixed and weighted according to recipes and machined into specific shapes needed for baking. After baking, products are cooled prior to packaging, storage, and shipment. Wastewater is generated from the cleaning, washing, rinsing, and sanitization of mixers, process equipment, and other baking related equipment. Wastewater flows to a four-stage underground clarifier located along the east side of the facility.

July 1, 2024 – December 31, 2024

Based on an inspection conducted on July 24, 2024, Tandem-C was identified as a discharger that meets one or more criteria as an industrial wastewater discharger and requiring the issuance of a Class I Wastewater Discharge Permit.

On November 25, 2024, OC San issued an NOV for discharging industrial wastewater without a permit, requiring the submission of a permit application by January 31, 2025.

January 1 – June 30, 2025

On February 11, 2025, Tandem-C was issued an order to terminate discharge without a valid permit, as a result of Tandem B's failure to submit a Class I wastewater discharge permit application by January 31, 2025.

On March 6, 2025, OC San received a Class I permit application from Tandem-C. On April 24, 2025, Tandem-C was issued an NOV for failing to comply with the order to terminate discharge and a final notice to terminate discharge. On February 26, 2025, March 5, 2025, and April 16, 2025, OC San staff performed inspections at Tandem-C to verify the wastewater discharge status at Tandem's facility. During the inspections, industrial wastewater discharge to the sewer was observed at the four-stage underground clarifier along the eastern side of the property.

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

Tawa Services, Inc. (Bakery Central Kitchen) (Permit No. 1-601895)

Tawa Services, Inc. (Bakery Central Kitchen) (Tawa BCK) is a commercial bakery which produces baked goods consisting of cakes, cookies, breads, muffins, and baked goods for purchase at Tawa Services, Inc. brand supermarkets (such as Walong Market, 99 Ranch, etc.). Ingredients are mixed and weighed according to recipes to form a cake mix or dough. Cakes and cookies are placed on sheet trays or in molds, while muffins are placed in muffin tins, then baked and packaged for distribution. Dough for breads and baked goods is formed and proofed prior to baking. After baking, the baked goods are allowed to cool prior to packaging, storage, and shipment. Wastewater is generated from the cleaning/washing/rinsing/sanitization of the mixers, process equipment, loaf pans/sheet trays, and floor wastes. Wastewater flows to a two-stage underground clarifier along the north side of the facility.

On January 12, 2022, OC San conducted an industrial waste survey, in which it was determined Tawa BCK warranted a Class 1 Wastewater Discharge Permit. Following several correspondences requesting the submittal of a permit application, one was not received. In December 2022, OC San issued an NOV to Tawa BCK for discharging wastewater to the sewer without a wastewater discharge permit. Tawa BCK was issued a Class I wastewater discharge permit in April 2023.

July 1 – December 31, 2024

On July 9, 2024, OC San issued an NOV for the pH violation which occurred on May 22, 2024.

On August 9, 2024, Tawa BCK submitted a preliminary pH adjustment pretreatment system proposal for review. Upon review, the pretreatment system proposes the dosing of chemicals to raise the wastewater pH inside the existing underground clarifier, which was determined not to be acceptable by OC San due to

lack of adequate mixing. The proposal also lacked required data logging, monitoring, and fail-safe equipment.

On August 22, 2024, Tawa BCK had another pH violation, for which an NOV was issued on September 19, 2024. On September 19, 2024, OC San issued an NOV for pH violations which occurred on June 19 and 20, 2024. On October 22, 2024, Tawa BCK had another pH violation, for which an NOV was issued on November 12, 2024. On October 29, 2024, Tawa BCK had another pH violation, for which an NOV was also issued on November 12, 2024.

During a meeting on October 30, 2024, OC San informed Tawa FMPC and their consultants why the proposal was not adequate and provided examples of acceptable pH adjustment systems. Tawa FMPC noted they would contact OC San to schedule an on-site meeting with their consultants to discuss potential pretreatment system options.

On November 19 and 20, 2024 Tawa BCK had additional pH violations, for which an NOV was issued on December 13, 2024.

January 1 – June 30, 2025

On January 2, 2025, Tawa BCK had another pH violation for which an NOV was issued on February 6, 2025. On March 24 and 25, 2025, Tawa BCK had additional pH violations for which an NOV was issued on April 8, 2025. On April 1, 2025, Tawa BCK's permit was renewed which included a special condition to submit a pretreatment system proposal to OC San no later than May 31, 2025.

On April 24, 2025, Tawa BCK had another pH violation for which an NOV was issued on June 16, 2025. On May 6, 2025, a compliance inspection was conducted to address the pH issues. Tawa BCK reported that they are working with a new chemical vendor and working on a pretreatment system proposal.

On May 12, 2025, Tawa BCK submitted a proposal to OC San to modify its wastewater treatment system. Upon review, the pretreatment system proposes the dosing of chemicals to raise the wastewater pH inside the existing underground clarifier, which was determined not to be acceptable by OC San due to lack of adequate mixing. OC San responded on May 22, 2025, requesting additional information, clarification, and a revised proposal. On June 16, 2025, Tawa BCK responded providing product specifications for proposed equipment to be installed; however, the response does not include a revised proposal which addresses or provides clarification on achieving long-term compliance.

On May 13, 2025, Tawa BCK had another pH violation for which an NOV will be issued during the next reporting period.

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

Tawa Services, Inc. (Food and Meat Processing Center) (Permit No. 1-601896)

Tawa Services, Inc (Food and Meat Processing Center) (Tawa FMPC) produces a variety of food items consisting of steamed dumplings, steamed buns, vegetables, and single serve meals. Meat products produced include beef, pork, lamb, chicken and duck, as well as seafoods including shrimp and squid. Bulk raw materials (meats as previously indicated, flour, rice, vegetables, eggs, nuts, various sauces, spices, and oils) arrive onsite and are stored in various locations based on production and FDA requirements. Raw meats needing preparation are cut, sliced, or trimmed according to the specific use and recipe. Meats are marinated as needed. Ingredients are mixed and weighed according to recipes. All food items are either steamed, baked, fried, or sautéed to the recipe specifications. After completion, all food items are placed in appropriate packaging. The items can be cooled or frozen prior to shipment to Tawa branded supermarkets. Wastewater is generated from the cleaning/washing/rinsing/sanitization of the mixers, process equipment, and floor wastes. Wastewater flows to a large underground clarifier along the south side of the facility.

On January 12, 2022, OC San conducted an industrial waste survey, in which it was determined Tawa FMPC warranted a Class 1 Wastewater Discharge Permit. In December 2022, OC San issued an NOV to

Tawa FMPC for discharging wastewater to the sewer without a wastewater discharge permit. Tawa FMPC was issued a Class I wastewater discharge permit in April 2023.

July 1 – December 31, 2024

On July 22, 2024, OC San issued an NOV for the pH violation which occurred on June 20, 2024.

On August 9, 2024, Tawa FMPC submitted a preliminary pH adjustment pretreatment system proposal for review. Upon review, the pretreatment system proposes for dosing of chemicals in attempt the raise the wastewater pH inside the existing underground clarifier, which was determined not to be acceptable by OC San due to lack of adequate mixing. The proposal also lacked required data logging, monitoring, and fail-safe equipment.

During a meeting on October 30, 2024, OC San informed Tawa FMPC and their consultants why the proposal was not adequate and provided examples of acceptable pH adjustment system. Tawa FMPC noted they would contact OC San to schedule an on-site meeting with their consultants to discuss potential pretreatment system options.

January 1 – June 30, 2025

On April 1, 2025, Tawa FMPC's permit was renewed which included a special condition to submit a pretreatment system proposal to OC San no later than May 31, 2025.

On May 12, 2025, Tawa FMPC submitted a proposal to OC San to modify its wastewater treatment system. Upon review, the pretreatment system proposes for dosing of chemicals in attempt to raise the wastewater pH inside the existing underground clarifier, which was determined not to be acceptable by OC San due to lack of adequate mixing. OC San responded on May 22, 2025, requesting additional information, clarification, and a revised proposal. On June 16, 2025, Tawa FMPC responded providing product specifications for proposed equipment to be installed, however, the response does not include a revised proposal which addresses or provides clarification on achieving long-term compliance.

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

Taylor-Dunn Manufacturing (Waev Inc.) (Permit No. 1-601699)

Taylor-Dunn Manufacturing, LLC (Waev) (Taylor-Dunn), previously under permit number 1-021123, manufactures industrial electric utility carts, lifts, and load carriers. Wastewater is generated from the iron phosphate pressure washing process prior to any painting application. Wastewater is directed to a sump where pH adjustment with caustic occurs. Wastewater then flows to the final sump for clarification prior to discharge.

July 1 – December 31, 2024

On July 9, 2024, OC San issued an NOV for the June 20, 2024 zinc daily maximum exceedance. During a compliance inspection on July 23, 2024, Taylor-Dunn attributed the exceedance to the wire feed for the welder. On August 21, 2024, OC San issued an NOV for tampering with OC San's sampling equipment on August 8, 2024, requiring Taylor-Dunn to submit a proposal by September 30, 2024, to prevent future tampering.

On September 9, 2024, OC San issued an NOV for the June 2024 zinc monthly exceedance. On October 9, 2024, OC San issued a compliance requirement letter, requiring Taylor-Dunn to submit a proposal for the installation of a pretreatment system. On December 10, 2024, OC San issued an NOV for the September 2024 copper and lead monthly exceedances.

In response to these exceedances, Taylor-Dunn has elected to obtain a zero discharge certification and cease discharging industrial wastewater to OC San's Sewerage Facilities. During a follow-up inspection conducted on December 16, 2024, OC San verified the wash area was non-operational and the sewer connection was capped.

January 1 – June 30, 2025

On February 1, 2025, a zero discharge certification was issued to Taylor-Dunn.

No further action is required at this time and this enforcement case is closed. OC San will continue to monitor Taylor-Dunn's compliance status on an annual 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.

After nickel violations in August 2022, OC San conducted a compliance inspection at Thermal-Vac in September 2022, which revealed inconsistencies between operations and facility drawings and information previously provided by Thermal-Vac, particularly regarding the nickel operations. OC San issued a compliance requirements letter in December 2022, requiring Thermal-Vac to attend a compliance meeting.

During the compliance meeting in January 2023, it was determined that further clarity on the processes, flows, and treatment was needed. OC San issued a compliance requirements letter in March 2023, requiring Thermal-Vac to provide updated, detailed drawings, an updated tank schedule, a water balance diagram, and a wastewater characterization. Although updated drawings, a tank schedule, and a water balance were submitted to OC San through the end of 2023, Thermal-Vac failed to provide a wastewater characterization.

July 1 – December 31, 2024

Thermal-Vac submitted a wastewater characterization in October 2023. OC San reviewed the information provided and accepted Thermal-Vac's response on July 30, 2024.

January 1 – June 30, 2025

Thermal-Vac had no violations during this reporting period.

Thermal-Vac has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

OC San 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 (Thompson) produces crude oil from multiple well sites, separating groundwater from the extracted oil with heat and chemical treatment. The produced water flows 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 improve O&G separation.

July 1 – December 31, 2024

On August 6, 2024, Thompson had O&G min. instantaneous, daily maximum, and loading daily maximum exceedances, for which an NOV was issued on December 9, 2024. On September 3, 2024, OC San issued an NOV for Thompson's failure to submit a proposal to prevent discharge of wastewater exceeding the temperature limit of 60 degrees centigrade.

On September 11, 2024, OC San conducted a compliance inspection to investigate Thompson's previous temperature non-compliance. A follow-up inspection was also conducted by OC San staff at Thompson on September 17, 2024 in addition to a routine quarterly inspection on August 5 and 6, 2024. During each inspection, OC San staff collected temperature measurements of the wastewater discharge from Thompson at the permitted sample point that exceeded 60 degrees centigrade.

On September 30, 2024, OC San issued a NOV for failing to comply with Ordinance prohibitions for the multiple temperature exceedances of 60 degrees centigrade collected by OC San on August 5 and 6, September 11, and September 17, 2024.

On November 4, 2024, OC San issued an order to cease noncompliant discharges for repeated downstream O&G min. exceedances requiring Thompson to attend a compliance meeting. During the compliance meeting on December 4, 2024, Thompson identified new chemical feed tanks for the polishing and oxidizing chemicals injected downstream and adjustments to the heater temperature as corrective actions for the recent O&G min. and temperature violations.

January 1 – June 30, 2025

On April 2, 2025, OC San issued a compliance requirement letter, requiring Thompson to attend a compliance meeting. On April 24, 2025, OC San held a compliance meeting with Thompson to discuss O&G-min. and temperature limit exceedances, including three days of non-compliance during a downstream monitoring event conducted between January 2024 and April 2024, and to review the draft ECSA. On April 29, 2025, OC San issued the ECSA to Thompson for review and signature. During an inspection on May 15, 2025, OC San collected a temperature measurement of the wastewater discharge from Thompson at the representative sample point that exceeded 60 degrees Centigrade. On June 4, 2025, OC San issued an NOV for Thompson's violation of the Ordinance which prohibits the discharge of any pollutant, substance or wastewater which has a temperature higher than 140 degrees Fahrenheit (60 degrees Centigrade). On May 28, 2025, Thompson signed and returned the ECSA to OC San. On June 5, 2025, OC San issued the fully executed ECSA to Thompson, effective May 28, 2025.

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

Toyota Racing Development, USA, Inc. (Permit No. 1-071059)

Toyota Racing Development (TRD), USA, Inc. performs various test and assembly of high performance race engines for off highway use. TRD's wastewater gets directed to a 3 stage clarifier for O&G removal. The effluent of the clarifier is then passed through a bag filter, a cartridge filter, clay and GAC vessel before being discharged into the sewer. Discharge into the sewer is controlled by level floats in their PTS holding tank.

July 1 – December 31, 2024

TRD had no violations during this reporting period.

January 1 – June 30, 2025

On April 1, 2025, OC San issued an NOV for a bypass line noted on submitted drawings on an effluent meter relocation proposal. On April 25, 2025, TRD submitted a proposal to remove the bypass line. On May 13, 2025, OC San issued a compliance requirement letter accepting the proposal to remove the bypass line.

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

TTM Technologies North America, LLC (Harbor) (Permit No. 1-511359)

TTM Technologies North America, LLC (Harbor) (TTM Technologies) is a large scale printed circuit board manufacturer. TTM Technologies manufactures rigid multilayer printed circuit boards from copper clad and prepreg materials. TTM Technologies is a full-service facility that specializes in quick-turn, prototype, and

semi-production orders for commercial, computer electronics, industrial, medical, and telecommunication applications. The effluent discharge at TTM Technologies is generated by the various spent process solutions and the associated rinse stages produced at this location. (TTM Technologies operates two locations in Santa Ana operating in tandem but discharging wastewater under separate Permits).

July 1 – December 31, 2024

TTM Technologies had no violations during this reporting period.

January 1 – June 30, 2025

On June 12, 2025, TTM Technologies had a sulfide (total) and dissolved sulfide exceedance, for which an NOV will be issued the following reporting period.

OC San will continue enforcement during the next reporting period and will continue to monitor TTM'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 boiler blowdown. Pretreatment consists of a continuous, automatic pH adjustment system with caustic soda, polymer addition, followed by solids removal by a dissolved air floatation (DAF) system.

July 1 – December 31, 2024

On September 3, 2024, Van Law had a pH violation, for which an NOV was issued on September 30, 2024. Van Law attributed the violation to a faulty diverter valve and incorrect pH set points.

During a compliance inspection on November 18, 2024, OC San confirmed that the diverter valves had been replaced, and the setpoints had been corrected to allow for an additional factor of safety.

January 1 – June 30, 2025

On February 4, 2025, OC San issued a compliance requirement letter requiring Van Law to submit a proposal for the installation of a pH alarm and continuous data logger. On February 28, 2025, Van Law Foods submitted a proposal to install a pH alarm and continuous data logger, and is under OC San review.

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 treatment system is a batch system consisting of flocculation, filtration, and pH adjustment.

July 1 – December 31, 2024

Vi-Cal had no violations during this reporting period.

January 1 – June 30, 2025

On March 31, 2025, OC San issued an order to terminate discharge without a valid permit because Vi-Cal failed to submit a permit renewal application and the permit expired on March 31, 2025. A compliance meeting was conducted on April 22, 2025 to discuss the order to terminate discharge and advise Vi-Cal Metals they are no longer authorized to discharge until a permit is issued. On May 1, 2025, OC San issued

a compliance requirement letter to inform Vi-Cal Metals of the expired permit and if they were to discharge wastewater, they must submit a wastewater discharge permit application. Until then, Vi-Cal Metals is prohibited from discharging wastewater to sewer.

OC San will continue to monitor the site for wastewater discharge on a periodic basis. No further enforcement is required at this time and this enforcement case is closed.

Winonics LLC. dba Bench 2 Bench Technologies (Permit No. 1-601974)

Winonics LLC. dba Bench 2 Bench Technologies (Winonics) is a large, full service printed circuit board facility. Industrial wastewater is generated by processing copper-clad laminates into printed circuit boards. Wet processes performed 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. Winonics operates a continuous pretreatment 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 solutions, and all final rinses discharge directly to the permitted sample point without treatment. Winonics also discharges aqueous fume scrubbing wastewater and reverse osmosis (RO) reject to the permitted sample point.

July 1 – December 31, 2024

On August 1, 2024, OC San issued an NOV for the May 2024 copper monthly average exceedance.

Winonics submitted a root cause report stating the sludge pump was failing, the filter press material was old and becoming inefficient, and the incoming flow meter had a crack.

During a compliance inspection on September 11, 2024, OC San confirmed corrective actions were implemented which included sludge pump repair, replacement of filter press material, and replacement of incoming flow meter.

Winonics has taken corrective actions to ensure long-term compliance and subsequent sampling has demonstrated compliance for the remainder of this reporting period. Therefore, no further action is required at this time and this enforcement case is closed.

January 1 – June 30, 2025

Winonics had no violations during this reporting period.

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

Yakult USA, Inc. (Permit No. 1-521850)

Yakult USA, Inc. (Yakult) processes and packages probiotic dairy beverages. Wastewater is generated from their daily cleaning and sanitizing operations. The wastewater gravity flows through floor drains to an equalization tank for pH adjustment and then through a parshall flume prior to sewer discharge.

In June 2024, an NOV was issued to Yakult in violation of the prohibition against the discharge of stormwater and required to submit a proposal.

July 1 – December 31, 2024

On August 7, 2024, Yakult submitted a proposal and supplementary documents to OC San to prevent the discharge of stormwater and surface run-off to the sewer in response to the NOV. Yakult proposed to install covers on manholes, open grates, and open pipes leading to the wastewater treatment system. Yakult will also no longer send accumulated water within the secondary containment areas of the RO Yard to the wastewater treatment system. The accumulated stormwater will either be discharged to the storm drain system or wastehailed.

January 1 – June 30, 2025

On February 12, 2025, OC San accepted Yakult's August 7, 2024 proposal along with supplementary documents submitted by Yakult on January 9, 2025. The accepted proposal is required to be implemented by April 14, 2025. On March 14, 2025, Yakult notified OC San that the proposal was implemented. No further actions is required at this time and this enforcement case is closed.

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

Chapter 5. Pretreatment Program Staffing, Costs, and Field Equipment

5.1 Introduction

This chapter discusses the pretreatment program's staffing levels, program costs, payments to OC San by permittees, and equipment used by the program.

5.2 Staffing, Revenues, and Costs

5.2.1 Staffing

The Resource Protection Division, a part of OC San's Environmental Services Department, includes all the pretreatment program staff. Dedicated pretreatment staff for FY 2024/25 consists of one manager, three supervisors, nine engineers, four environmental specialists, 10 field inspectors, four field technicians, and six administrative support personnel for a total of 37 staff members.

5.2.2 Revenues

During FY 2024/25, a total of \$20,975,132.82 in revenue payments were made to OC San by Class I, Class II, Wastehauler, Special Purpose Discharge, and FOG FSE permittees. The following amounts were collected for the discharge of wastewater, biochemical oxygen demand, and suspended solid pollutants. Operation and maintenance (O&M) fees totaled \$14,804,641.02, Supplemental Capacity Facilities Capacity Charge (SCFCC) fees totaled \$4,431,264.59, and wastehauler user fees totaled \$957,059.62. Permit fees in the amount of \$684,123.59 were collected, and over \$98,044.00 in noncompliance fees and penalties issued. Due to a change in OC San's Financial Management Division's accounting practices, the O&M and SCFCC fees represent the prior fiscal year, FY 2023/24 and an estimate of FY 2024/25.

The revenue collected offsets a portion of OC San's treatment costs and the \$7,644,669 needed to administer the pretreatment program, including labor, supplies, equipment, and other overhead. These costs are associated with issuing permits, sampling, inspections, and laboratory analyses.

5.2.3 Program Costs

Overall pretreatment program implementation costs (including overtime) during the fiscal year increased 15.72% over the preceding year and shows a 33.42% increase from the program costs of five years ago. The cost per labor hour over the past five years has increased 41.49%, which is an average of 8.30% per year increase. A comparison of pretreatment program costs for the past five years is shown in Table 5.1.

Table 5.1 Summary of Total Costs and Total Labor for the Pretreatment Program, Fiscal Years 2020/21 – 2024/25 Orange County Sanitation District			
FY	Total Cost	Labor Hours	Cost per Labor Hour
2020-21	\$6,630,445	68,713	\$96.49
2021-22	\$5,334,568	70,082	\$76.12
2022-23	\$7,641,063	67,720	\$112.83
2023-24	\$7,644,669	65,304	\$117.06
2024-25	\$8,846,428	64,797	\$136.53

5.3 Field Equipment

5.3.1 Equipment Inventory

An inventory of major equipment used by OC San inspection staff for the Resource Protection Division is shown in Table 5.2. There are 15 field staff each utilizing trucks and modern sampling equipment to maintain a high degree of visibility in the industrial community.

Table 5.2 Current Inventory of Major Equipment for the Pretreatment Program, Fiscal Year 2024/25
Orange County Sanitation District

Description	Quantity
Vehicles	13
Equipment	
Cellular phones	29
Laptop computers	32
Composite samplers – general use	53
Composite samplers – special purpose	16
Portable sample pumps	13
pH meters – portable	15
Gas meters	52

Chapter 6. Pretreatment Program Status

6.1 Introduction

OC San administers several different program elements designed to meet the goal of controlling discharges from industrial and non-industrial sources. These have a direct influence on OC San's ability to meet ocean discharge, biosolids reuse, and water reclamation requirements. This chapter outlines those program elements designed to enforce and enhance the federally-approved Pretreatment Program including, industrial discharger public participation, wastehauler monitoring, industrial inspection and sampling, quality assurance/quality control, Total Toxic Organic (TTO) waivers, Special Purpose Discharge Permits, self-monitoring, and industrial operations and maintenance improvement.

6.2 Public Participation

A provision of 40 CFR 403.8 is to comply with the public participation requirements of 40 CFR Part 25 in the enforcement of National Pretreatment Standards. These procedures shall include provision for at least annual public notification in the newspaper(s) of general circulation that provides meaningful public notice within the jurisdiction(s) served by OC San, of industrial users which, at any time during the previous 12 months, were in significant noncompliance with applicable pretreatment requirements. This public notice is shown in Appendix E.

6.3 Wastehauler Program

OC San operates a dedicated discharge station at Reclamation Plant No. 1 for the disposal of septage, chemical toilets, brine, cesspool, and non-industrial food service establishment (FSE) grease interceptor wastes collected by independent wastehaulers. The discharges are transferred via a major interplant sewer to Treatment Plant No. 2 for treatment. OC San Treatment Plant No. 2 has a back-up discharge station used during Plant No. 1 service interruptions. The following sections provide the status of wastehauler permitting, discharges and monitoring conducted during FY 2024/25. Values provided in the tables are derived primarily from manifests provided by the wastehauler companies.

6.3.1 Wastehauler Permitting

A liquid wastehauler must first register with the Orange County Health Care Agency (OCHCA) and have all vehicles that intend to discharge at OC San inspected by OC San staff to obtain a wastehauler permit from OC San. Numerical decals issued by both OCHCA and OC San are affixed to all permitted vehicles. These decals aid in the identification of authorized dischargers. Permits include but are not limited to rules for use of the wastehauler station and enforcement for violations. Wastehaulers must conduct their business using methods to reduce or eliminate odors. During FY 2024/25, 48 wastehauler companies were under permit with OC San, with a total of 197 vehicles.

6.3.2 Wastehauler Discharges

During the past fiscal year 7.8 million gallons (MG) of waste was discharged by permitted wastehaulers at the OC San Wastehauler Station. The number of loads received a 33.5% increase from FY 2023/24. Wastehauler discharge data for the last five years is summarized in Table 6.1.

Table 6.1 Summary of Wastehauler Loads and Volume Discharged into Plant No. 1 Disposal Station, Fiscal Years 2020/21-2024/25 Orange County Sanitation District		
FY	Loads Delivered	Volume Waste Received (MG)
2020-21	6,675	10.0
2021-22	7,940	11.6
2022-23	8,157	11.6
2023-24	5,111	7.8
2024-25	6,822	7.8

Wastehauler loads are classified into five types of waste: brine, cesspool, chemical toilets, non-industrial food service establishment (FSE) grease interceptor waste (i.e., restaurant grease trap waste), and septic tanks. The total volumes and number of loads for each type of waste are summarized in Table 6.2.

Table 6.2 Summary of Wastehauler Load Types Discharged into Plant No. 1 Disposal Station, Fiscal Year 2024/25 Orange County Sanitation District			
Load Type	Loads Delivered	Waste Received (MG)	% Waste Received
Brine	0	0	0%
Cesspool	137	0.10	1.00 %
Chemical toilet	5,164	5.53	71.0%
FSE grease	1,046	1.65	21.0%
Septic tank	475	0.53	7.0%
All Types Total	6,822	7.81	100%

During the past fiscal year 1.48 million gallons of FSE grease was discharged by permitted wastehaulers at OC San's Wastehauler Station. This represents a 63.5% decrease from the volume of grease discharged during FY 2023/24. The five-year trend for grease is presented in Table 6.3.

Table 6.3 Summary of Wastehauler Grease Wastewater Loads into OC San's Disposal Station, FY 2020/21-2024/25 Orange County Sanitation District		
FY	Loads Delivered	Volume (MG)
2020-21	1,924	3.08
2021-22	2,346	3.78
2022-23	2,681	4.06
2023-24	593	1.48
2024-25	1,046	1.65

6.3.3 Wastehauler Monitoring

Random sampling of wastehauler loads is conducted to verify compliance with OC San discharge limits. During FY 2024/25, the contents of 1226 discrete wastehauler loads (18% of all loads received) were sampled and 7356 metal analyses were performed. The results of the sampling included 1 metal violations in 1226 loads that originated from either domestic sources or grease hauling. This represents a 0.08% violation rate of the total samples taken and analyzed. The violations included 1 copper concentration

exceedance. Some of the actions taken by OC San as a response to these violations included generator verifications and inspections, investigations, NOV letters, and compliance meetings.

6.4 Inspection and Sampling

OC San schedules sampling and inspection of each Class I industry on a quarterly basis, and samples select Class II industries periodically. Permittees are sampled for metals, cyanide, organics, pH, oil and grease, biochemical oxygen demand (BOD), and suspended solids (SS). Inspections are conducted before and/or after each 24-hour composite sampling event, at the time of collecting a grab sample, and to determine compliance with other provisions of the Ordinance.

6.5 Quality Assurance and Quality Control (QA/QC) Activities

6.5.1 QA/QC Program Tasks

The objective of the QA/QC program is to ensure that all field sampling and monitoring is accurate and performed in accordance with Resource Protection Division's adopted policies and procedures. The QA/QC program includes the following components.

Equipment Blank – Composite samples of deionized water are collected monthly to evaluate the cleaning procedures and storage of automatic sampling equipment.

Archive Sample Check – Archived heavy metal samples are analyzed monthly, several months after collection, to evaluate the effects of sample storage conditions and whether those conditions impose analyte degradation or contamination.

Sample Collection Check – Duplicate composite samples are collected quarterly to evaluate the precision of the sample collection and preservation methods.

Trip-Blank Evaluation – Samples made up of reagent water are collected to measure the potential contamination of US EPA Method 624 samples during transport and storage.

Sample Collection and Inspection Audit – Periodic reviews are conducted to assure that inspectors conform to existing guidelines for inspection and sample collection, and that existing procedures continue to ensure representative data. Document reviews are completed to assess overall inspector performance.

During FY 2024/25, 72 composite samples were analyzed for equipment blank verification, 48 archived samples were analyzed for comparison against previous analytical results, 100 composite samples were analyzed from industrial discharges to audit collection methods, and 12 trip blank samples were analyzed to verify the effectiveness of the transportation and storage methods of volatile organic compound samples. The test results for QA/QC samples collected are detailed in Appendix I. The overall results show that the procedures and their implementation for the collection of field samples are adequate to assure sample quality and consistency.

Calculation Methods

Equipment blank sampling is performed to find any concentration above the reporting limit (RL). Any detectable amount is considered an indicator of possible contamination in the deionized water supply, detergent, containers, storage, or other sources. The number of times a metal is detected above the RL is tracked.

Methods for calculating deviations were refined beginning with data generated during 2005 to be more consistent with accepted laboratory standards for quality control. The prior use of Pretreatment Standards for Existing Sources (PSES) discharge limits to calculate percent deviations for duplicate samples has been

replaced with the relative percent difference (RPD) formula found in Standard Methods for the Examination of Water and Wastewater (Standard Methods)¹.

Precision among duplicate samples is important for the archive samples and sample collection checks. The following metrics were determined based on the nature of the samples normally collected and the variables with matrix effects anticipated. The precision of low-level duplicates, with concentrations less than 20 times the RL is $\pm 25\%$ RPD. The precision of high-level duplicates, with concentrations greater than 20 times the RL is $\pm 20\%$ RPD. These guidelines are used to present and calculate the archive sample data in the tables below. If the average of the two duplicate samples is greater than 20 times the RL, then the more restrictive limit of 20% is used to evaluate precision. Additionally, per Standard Methods, values where the average is below five times the RL are not used for the RPD calculation.

A study conducted in 2009, including a review of relevant literature and OC San data, confirmed that silver is relatively unstable under standard preservation and storage conditions, and cannot be used to evaluate precision and accuracy with the other metals listed below in archive samples. Consequently, silver has been removed from the list of metals used to evaluate precision and accuracy.

The current RLs used by OC San's laboratory during FY 2024/25 are listed in Table 6.4. These reporting limits are used in calculations in tables where RLs appear.

6.5.2 QA/QC Sampling Results

Evaluation of Equipment Blank Sampling Results

To check for contamination of sampler and field equipment, two composite samples are collected each month using clean, randomly chosen automatic samplers. The two samplers are set at the Source Control Inspection group's technician room in a controlled setting to run a composite sampling program to collect samples from a deionized water supply. The equipment blank samples are composited and preserved in the same manner as compliance samples collected at permitted facilities. Each sampler's composite is split into three equal volumes, preserved, then submitted to and analyzed individually by OC San's laboratory for heavy metal constituents.

The results of this study are summarized in Table 6.4. The statistics presented below show that 100% of the analyses (432 of 432 analyses) are at or below the heavy metal constituents RL.

Table 6.4 Equipment Blank Sampling Results, Fiscal Year 2024/25 Orange County Sanitation District					
Constituent	RL (mg/L)	Analyses at or Below RL		Analyses Above RL	Total Avg. Deviation
		No. of Analyses	Percentage	No. of Analyses	
Cadmium	0.02	72	100	0	0
Chromium	0.02	72	100	0	0
Copper	0.02	72	100	0	0
Nickel	0.10	72	100	0	0
Lead	0.02	72	100	0	0
Zinc	0.10	72	100	0	0
Summaries		432	100	0	0

¹ Standard Methods for the Examination of Water and Wastewater 23rd Edition. Part 1020-B, Section 12, Subsection f, entitled "Duplicate sample" (pg. 1-11)

Evaluation of Archived Samples

Archived samples are submitted to OC San's laboratory to evaluate the effects of sample splitting and storage techniques. The results of the archive sample analysis are compared with the original sample results and the RPD is calculated for each metal. Results at or below the RL are calculated as equal to the RL.

Statistics on the archived samples and RPD are summarized in Table 6.5. Of the 288 comparisons performed on 96 samples (48 archived samples and 48 original samples), 99.6% of the results were within the acceptable RPD.

Table 6.5 QA/QC Evaluation of Archived Samples, Fiscal Year 2024/25 Orange County Sanitation District				
Constituent	Comparisons within acceptable RPD	Comparisons outside acceptable RPD	Percent within acceptable RPD	Average RPD (%)
Cadmium	95	1	98.9%	22%
Chromium	96	0	100%	0%
Copper	95	1	98.9%	9%
Nickel	96	0	100%	0%
Lead	96	0	100%	0%
Zinc	94	0	100%	5%
Summaries	574	2	99.6%	12%

Sample Collection Checks

Two composite samplers collected 20 samples each quarter to verify the precision of the sample collection methods. In this study, two automatic samplers are installed adjacent to each other at a single industrial sample point to collect one composite sample from each sampler. Each composite sample is split into ten duplicate portions. Five duplicates from each sampler are analyzed by OC San's laboratory for heavy metals (HM) and five are analyzed for total suspended solids (TSS).

The results for each constituent are evaluated by calculating the RPD for each group of metals. Values that exceed the accepted deviations for metals and TSS are investigated, and where causes are identified, corrective actions are taken. This comparison is used to confirm that the sample location is appropriate, that the samplers are maintained and are functioning properly, and that the sample-splitting techniques are effective.

The statistics on the collection check samples and the sampler average deviations are summarized in Table 6.6. The comparisons show acceptable agreement both among the samples within the sampler and between the samplers at the site.

Table 6.6 QA/QC Collection Check Samples and Sampler Average Deviations, Fiscal Year 2024/25 Orange County Sanitation District							
Qtr.	Location	Average Deviations					
		Cadmium	Chromium	Copper	Nickel	Lead	Zinc TSS
1	Sampler A	0	0	0.509	0.322	0	0 8.9
	Sampler B	0	0	0.512	0.323	0	0 11
	Site RPD (%)	0	0	0.511	0.323	0	0 9.95
2	Sampler A	0.053	0.288	0.151	0	0	0.145 26
	Sampler B	0.0444	0.2956	0.1666	0	0	0.1388 27
	Site RPD (%)	0.049	0.292	0.159	0	0	0.142 26.5
3	Sampler A	0	0	0.217	0.223	0	0 11
	Sampler B	0	0	0.215	0.218	0	0 13
	Site RPD (%)	0	0	0.216	0.221	0	0 12
4	Sampler A	0	0	2.498	0.022	0	0 51
	Sampler B	0	0	2.592	0.024	0	0 53
	Site RPD (%)	0	0	2.545	0.023	0	0 52
Avg	Site RPD	0.03	0.09	0.86	0.15	0.10	0.11 25.11
All results are in units of sampler average deviation. TSS = Total Suspended Solid							

The variation between samples at the same site were within appropriate ranges, indicating acceptable sample splitting. Results of four quarterly Collection Check comparisons were within the acceptable Site RPD which indicates acceptable sample splitting techniques are used. Quarter 2 results for TSS were above acceptable Site RPD. Collection check procedures are currently being evaluated and staff will be notified of any changes if necessary.

Trip Blank Evaluation for US EPA Method 624 Analysis

Inspectors perform this study monthly. Containers prepared with reagent water are obtained from OC San's laboratory and are carried by inspectors with other samples during their workday. The containers are returned to the lab and analyzed for volatile organics. Twelve trip blanks were analyzed for volatile organics using US EPA Method 624. All twelve US EPA Method 624 trip blanks were below reporting limits.

Sample Collection and Inspection Audit

During FY 2024/25, the source control supervisor audited the sample collection and inspection procedures of individual inspectors. The audit of each inspector was accomplished by document review during performance evaluations. Opportunities for improvement were discussed with individual inspectors during their mid-year and annual performance reviews.

6.5.3 QA/QC Conclusions

The following findings support the general conclusion that the sampling procedures are being followed and that the samples are representative and free of contamination.

- Results of the equipment blank evaluation demonstrate that 100% of the equipment blank samples have concentrations at or below the heavy metal reporting limits.
- Results of the archive sample evaluation demonstrate that 99.6% of the archive samples were within the acceptable percent deviation range.

- The sample collection check results show good agreement for heavy metals among split samples for each sampler as well as between samplers at the same site. The sample locations and sample-splitting methods are adequate to provide representative samples for heavy metals.

All twelve US EPA Method 624 trip blanks were below reporting limits. Trip blanks were analyzed for volatile organics using US EPA Method 624.

6.6 Total Toxic Organics Waiver Program

Permittees subject to federal categorical standards were first notified of OC San's Total Toxic Organics (TTO) waiver program requirements on July 27, 1987. The current TTO waiver program is summarized below.

- Categorical permittees who are required to conduct self-monitoring for TTOs must collect composite samples at least semiannually. In accordance with OC San's Ordinance, the composite sample is obtained by analyzing the grab samples and compositing the results mathematically.
- Permittees that have not shown detectable levels of TTOs based on their wastewater discharge data for at least one year are eligible to waive the self-monitoring requirement if they certify that TTOs are not used or present in the industrial wastewater discharge at their facility. The wastewater discharge data used in evaluating eligibility for this waiver includes data for samples obtained by OC San during routine monitoring and the self-monitoring results obtained by the permittee. The evaluation of wastewater discharge to determine the permittees that are eligible for this waiver is conducted in December and June of each year. See Table 6.7 for those permittees that have successfully applied for a waiver. To be eligible for a waiver the permittee must satisfy all of the following criteria:
 - Permittee must demonstrate sampling results with TTO concentrations less than or equal to 0.05 mg/L for the monitoring period being considered.
 - Permit must have an initial permit issue date that is prior to the start of the baseline monitoring period being considered.
 - Submission of a Toxic Organic Management Plan (TOMP) that is accepted by OC San.
- Subsequently, permittees who have a TTO self-monitoring waiver, renew their Certification of Non-Use of TTOs semiannually during the application period; otherwise, the waiver for the upcoming period is not approved. Issuance of a waiver does not constitute elimination of the self-monitoring requirement from the permit but provides a temporary discontinuance or suspension of the requirement as approved by OC San.
- The self-monitoring requirement waiver for any permittee is cancelled if sampling results from the permittee's self-monitoring or OC San's sampling demonstrate TTO concentrations above the 0.05 mg/L threshold. For these cases, the requirement to conduct self-monitoring at least twice per year is immediately reinstated.
- Newly permitted categorical users required to self-monitor will not be allowed to waive the self-monitoring requirement until meeting TTO reporting and waiver requirements for at least one year.

Table 6.7 Permittees with TTO Waivers July 1, 2024 – June 30, 2025 Orange County Sanitation District			
Permit No.	Facility Name	Federal Categories	Waiver Period
1-531422	A & G Electropolish	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-011138	Accurate Circuit Engineering	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-011115	Active Plating, Inc.	Metal Finishing PSNS	Jan 01, 2025 - Jun 30, 2025
1-021389	Advance-Tech Plating, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025

Table 6.7 Permitees with TTO Waivers July 1, 2024 – June 30, 2025 Orange County Sanitation District			
Permit No.	Facility Name	Federal Categories	Waiver Period
1-600689	AdvancedPCB	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-600503	AdvancedPCB-OC	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-531404	Air Industries Company, A PCC Company (Knott)	Metal Finishing PSNS, Nonferrous Metals Forming And Metal Powders PSNS	Jul 01, 2024 - Jun 30, 2025
1-021192	Aircraft Repair Overhaul Service	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-031110	All Metals Processing of Orange County, LLC	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-011073	Allied Electronic Services dba of Caltronics Circuits, LLC	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-011036	Alloy Tech Electropolishing, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-521798	Andres Technical Plating	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-600295	AnoChem Coatings	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-011155	Anomil Ent. Dba Danco Metal Surfacing	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-031094	Basic Electronics, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-521824	Beckman Coulter, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-511370	Beo-Mag Plating	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021213	Black Oxide Industries, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-600316	Brasstech, Inc	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-021062	Cadillac Plating, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-511076	CD Video Manufacturing Inc	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-521821	Circuit Technology, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-600708	Coastline Metal Finishing Corp., A Division of Valence Surface Technologies	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-601999	Continuous Coating Corp.	Coil Coating PSNS, Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-600920	CP-Carrillo, Inc. (Armstrong)	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-021289	Crest Coating, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021297	Custom Enamellers, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-011142	Data Electronic Services, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-521761	Data Solder, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-601023	Dunham Metal Plating Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021325	Dunham Metal Processing	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-011064	EFT Fast Quality Service, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021158	Electro Metal Finishing Corporation	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-511376	Electrode Technologies, Inc. dba Reid Metal Finishing	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-071162	Electrolurgy, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021336	Electron Plating III, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025

Table 6.7 Permitees with TTO Waivers July 1, 2024 – June 30, 2025 Orange County Sanitation District			
Permit No.	Facility Name	Federal Categories	Waiver Period
1-021337	Electronic Precision Specialties, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-600456	Embee Processing (Anodize)	Electroplating PSES, Metal Finishing PSNS	Jan 01, 2025 - Jun 30, 2025
1-600457	Embee Processing (Plate)	Electroplating PSES, Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-601356	Excello Circuits, Inc. (Hunter)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021121	Fineline Circuits & Technology, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-071037	Flare Group dba Aviation Equipment Processing	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-601761	Gemtech Coatings (Explorer)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021286	Harbor Truck Bodies, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-521790	Hi Tech Solder	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-061115	Hixson Metal Finishing	Metal Finishing PSNS	Jan 01, 2025 - Jun 30, 2025
1-021081	Howmet Global Fastening Systems Inc.	Aluminum Forming PSES, Metal Finishing, Nonferrous Metals Forming And Metal Powders PSNS	Jul 01, 2024 - Dec 31, 2024
1-021041	Ideal Anodizing, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-521756	Ikon Powder Coating, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-511407	JD Processing, Inc. (East)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021428	Kryler Corporation	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-600338	Lightning Diversion Systems, LLC	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021253	Linco Industries, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-511361	LM Chrome Corporation	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-531391	Magnetic Metals Corporation	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-521811	Murrietta Circuits	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-571292	Newport Fab, LLC dba Tower Semiconductor Newport Beach, Inc.	Electrical And Electronic Components PSNS	Jul 01, 2024 - Jun 30, 2025
1-521801	Nobel Biocare USA, LLC	Metal Finishing PSNS	Jan 01, 2025 - Jun 30, 2025
1-600981	Omni Metal Finishing, Inc. (Building 4)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021070	Pacific Image Technology, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-601618	PCX Aerosystems - Santa Ana	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-521805	Performance Powder, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-011262	Pioneer Circuits, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-521852	Platinum Surface Coating, Inc.	Metal Finishing PSNS	Jan 01, 2025 - Jun 30, 2025
1-600167	Powdercoat Services, LLC (Bldg E / Plant 1)	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-600168	Powdercoat Services, LLC (Bldg J / Plant 3)	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024

Table 6.7 Permitees with TTO Waivers July 1, 2024 – June 30, 2025 Orange County Sanitation District			
Permit No.	Facility Name	Federal Categories	Waiver Period
1-600355	PowderCoat Services, LLC. Plant 5	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-011265	Precious Metals Plating Co., Inc.	Metal Finishing PSNS	Jan 01, 2025 - Jun 30, 2025
1-521809	Precision Anodizing & Plating, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-011008	Precision Circuits West, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021187	Rigiflex Technology, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-061008	Sanmina Corporation (Airway)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-061009	Sanmina Corporation (Redhill)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-031311	Scientific Spray Finishes, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-031341	Soldermask, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-602000	South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3500 Ste A)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-602001	South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3506 Ste A)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-602003	South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3524 Ste A)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-602002	South Coast Circuits LLC DBA Summit Interconnect Santa Ana Bldg 3512 Ste A	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-511381	SPS Technologies LLC, DBA Cherry Aerospace	Aluminum Forming PSNS, Metal Finishing, Nonferrous Metals Forming And Metal Powders PSNS	Jul 01, 2024 - Jun 30, 2025
1-531425	Star Powder Coating, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021664	Statek Corporation (Main)	Electrical And Electronic Components PSES, Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-521777	Statek Corporation (Orange Grove)	Electrical And Electronic Components PSNS	Jul 01, 2024 - Jun 30, 2025
1-600012	Summit Interconnect, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-600060	Summit Interconnect, Inc., Orange Division	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021090	Superior Connector Plating Inc. DBA Superior Plating Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-601701	Superior Processing (2)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-031012	Tayco Engineering, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
Z-602407	Taylor-Dunn Manufacturing (Waev Inc.)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-601699	Taylor-Dunn Manufacturing (Waev Inc.)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025

Table 6.7 Permitees with TTO Waivers July 1, 2024 – June 30, 2025 Orange County Sanitation District			
Permit No.	Facility Name	Federal Categories	Waiver Period
1-111018	THE BOEING COMPANY (GRAHAM)	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-021282	Thermal-Vac Technology, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-531415	Timken Bearing Inspection, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-111132	Tiodize Co., Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-021202	Transline Technology, Inc.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-141163	Tropitone Furniture Co., Inc.	Metal Finishing PSNS	Jul 01, 2024 - Dec 31, 2024
1-521836	Universal Molding Co.	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-031035	Winonics (Brea)	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025
1-601974	Winonics LLC. dba Bench 2 Bench Technologies	Metal Finishing PSNS	Jul 01, 2024 - Jun 30, 2025

6.7 Special Purpose Discharge Permit Program

A special purpose discharge permit (SPDP) is issued by OC San for water and wastewater discharges to OC San's Sewerage Facilities when no alternative method of disposal is reasonably available or to mitigate an environmental impact or threat.

Water and wastewater discharges may include: 1) temporary facilities and projects such as groundwater remediation and construction dewatering, 2) short-term or one-time water and wastewater discharges, 3) surface run-off from areas associated with an industrial or commercial facility.

6.7.1 SPDP Metrics and Trends

During FY 2024/25, nine new SPDPs were issued; of which one expired, and five were voided before expiration at the request of the permittees. Of the existing SPDPs active at the start of the fiscal year, four were voided before expiration at the request of the permittees, and four SPDPs were not renewed by the permittee upon expiration. During the fiscal year, there were 47 active SPDPs, the same amount as the previous fiscal year. At the end of the fiscal year, there were 33 SPDPs that remained active. New SPDPs are issued for a maximum period of one year, and subsequent SPDPs are renewed every two years.

The majority of the new SPDPs issued during FY 2024/25 were for short-term construction dewatering activities (i.e., typically less than a year). Formerly, the most common special purpose permitted facilities were gasoline service stations that required remediation of contaminated groundwater. Other discharges affected include mobile cleaners, water features (e.g., pools), water-well purging disinfection, subsurface parking structure dewatering, etc.

OC San staff continues to work with outside agencies such as SARWQCB, OCHCA, and the cities within Orange County to both coordinate and offer guidance on the SPDP issuance process and OC San's Ordinance.

6.7.2 SPDP Program Enforcement

For FY 2024/25, there were two enforcement actions taken against SPDP permittees: one NOV due to an Ordinance prohibition on storm water discharges to the sewer, and one order to terminate discharge as OC San did not receive a permit renewal application prior to the permit expiration date.

6.7.3 SPDP Regulatory Program

OC San staff minimizes SPDP impacts to OC San Reclamation Plant No. 1 and Treatment Plant No. 2 by the following: diverting noncompatible discharges from Reclamation Plant No. 1 to Treatment Plant No. 2's Non-reclaimable side; coordinating more closely with Operations, Engineering and Safety on significant one-time discharges; requiring pretreatment for projects which may encounter known contaminated

underground plumes; requiring best management practices for small nuisance dischargers; and requiring significant construction dewatering dischargers to cease discharging during a rain event.

In addition, based on EPA guidance, OC San exercises its discretion regarding monitoring requirements for CECs (e.g., PFAS, etc.) for SPDP permittees. When applicable, SPDP permittees are required to monitor for CECs, such as PFAS, and employ a waste management plan (i.e., treatment, etc.) to address pollutant loading to protect OC San's plants and the GWRS.

6.8 Self-Monitoring Program

OC San operates an extensive self-monitoring program, which is an integral part of the Resource Protection Division's monitoring and enforcement programs. OC San's self-monitoring program exceeds the minimum requirements of 40 CFR 403. To obtain a broad perspective of a permittee's discharge quality and adequately determine their compliance status, OC San takes a proactive approach to self-monitoring (per US EPA recommendation) by requiring frequent sampling in most cases. OC San determined that sampling at a higher than the recommended frequency for constituents that have a reasonable potential to be present in the wastewater is an effective method to generate sufficient data to make a fair determination of a permittee's compliance status, while balancing the need for the data against the related costs incurred by permittees. In addition, these sampling frequencies preclude permittees from being unduly classified as dischargers in SNC for isolated process upsets.

OC San's self-monitoring program is largely automated with self-monitoring results submitted on OC San's standardized self-monitoring report (SMR) forms. These forms are computer-generated with unique SMR numbers that allow tracking and automatic generation of reminders, late and incomplete notices, violation notices with resample forms, and SNC notices. This tracking system has enabled OC San to ensure that permittees comply with self-monitoring requirements.

6.9 Industrial Operations and Maintenance Improvement Program

To remain a vital part of the community, help businesses and industries in OC San's service area maintain compliance, and to enable OC San to attain its environmental goals, OC San established an Industrial Operations and Maintenance Improvement Program. The program serves as both a resource for industry and a forum for discussing methods to carry out environmental requirements. The program consists of outreach and education, which includes publications addressing pretreatment program elements, such as permitting, compliance and pollution prevention, OC San staff presence at educational events and fairs, and OC San-sponsored training opportunities.

Industrial Operations and Maintenance Improvement Program

The ongoing trend in industrial permittee discharge violations have shown that most cases are due to inadequate operations and maintenance of industry's pretreatment systems as well as industrial operator error. This was recognized when US EPA audit findings of 1998 recommended that OC San develop and implement an industrial operations and improvement program. In 1999/2000, OC San developed a plan that included outreach and operator training, and enforcement of requirements for operator and operations and maintenance practices which is still in effect today.

In 2019, OC San conducted a comprehensive training course for industrial wastewater treatment (pretreatment) operators currently employed by facilities holding a Class I wastewater discharge permit. The course was conducted by an engineering services company (selected via bid process for a five-year contract in 2019). OC San provided this training, free of charge, to assist permittees to obtain and retain a qualified pretreatment operator and to reduce or eliminate noncompliance due to operation and maintenance and/or operator problems. The training course consisted of five 4.5-hour classes and a follow-up wastewater audit at the operator facility to ensure proper implementation of operation and maintenance practices. Those that attended the classes, passed the exam and quizzes, and successfully fulfilled the audit requirements, received certificates of completion. Due to the COVID-19 pandemic starting in 2020, OC San has temporarily halted this program.

6.10 Annual Technical Review of Local Limits

OC San develops local limits in accordance with 40 CFR 403.5(c)(1) to ensure protection of its workers and treatment facilities, to prevent Pass Through and Interference, and to enable reclamation opportunities. OC San's existing local limits remain unchanged from the 2015 Technical Evaluation of Local Limits (TELL). However, OC San periodically reviews and revises its local limits to respond to changes in treatment plant infrastructure and operations, regulations, wastewater characteristics, or industrial user (IU) discharge. While TELL is a comprehensive assessment to develop local limits using three to five years' worth of historical data, a technical review of local limits (TRLL) focuses on verifying whether the existing local limits are protective of the OC San's POTW, its workers, reclamation opportunities, and the environment using recent data. OC San's NPDES permit requires validation of existing local limits annually ahead of its next TELL. This section reports on findings from the TRLL.

For this reporting period OC San compared actual FY 2023/24 influent loadings for individual pollutants of concern to maximum allowable headworks loadings (MAHLs) and maximum allowable industrial loadings (MAILs) calculated during the 2015 TELL. The TRLL evaluated the ratio of FY 2023/24 MAHL to FY 2014/15 Universal MAHL and FY 2023/24 MAIL to FY 2014/15 MAIL, respectively. As presented in Table 6.8, this ratio represents the percentage change of loading received at OC San.

Pollutant of Concern	<u>FY 2023/24 Max Influent Loading</u> <u>FY 2014/15 Universal MAHLs</u> (%)	<u>FY 2023/24 Max Industrial Loading</u> <u>FY 2014/15 MAILs</u> (%)
1,4-Dioxane	320.51	49.55
5-day Carbonaceous Biochemical Oxygen Demand (CBOD ₅)	109.04	36.18
Ammonia	37.75	6.43
Arsenic	68.29	9.35
Cadmium	11.36	1.40
Chromium (Total)	0.56	0.07
Copper	31.37	4.95
Cyanide (Total)	4.37	0.56
Lead	5.99	0.74
Mercury	1.80	0.22
Molybdenum	40.18	5.22
Nickel	15.33	1.92
Pesticides	*	*
Oil and Grease of Mineral or Petroleum Origin	*	*
PCBs	*	*
Selenium	49.29	6.00
Silver	0.11	0.01
Sulfide (Dissolved)	*	*
Sulfide (Total)	*	*

* Per OC San's 2015 TELL technical memoranda, MAHL and MAIL are unnecessary for the regulatory and inhibitory limitations that apply to plant influents at the headworks or in the sewer collection systems. Best professional judgement limits are used instead.

Plant 2 Flow Separation and Non-Reclaimable Stream Characteristics

Since the completion of the GWRS Final Expansion project, Plant 2 influent began operating in separation mode, with flows divided at the headworks into reclaimable and non-reclaimable streams. Reclaimable flows are treated by the B-Side and C-Side primary clarifiers before undergoing treatment in the Trickling Filter/Solids Contact (TF/SC) facility, which includes trickling filters, solids contact basins, sludge re-aeration basins, and secondary clarifiers, before being advanced-treated at GWRS using microfiltration, reverse osmosis, and ultraviolet advanced oxidation. These flows are reused to replenish the groundwater basin.

Non-reclaimable flows are first treated by the A-Side primary clarifiers and then directed through the Activated Sludge (AS) facility. The non-reclaimable stream is largely composed of sidestreams and high-strength wastewaters, including industrial brine and high-TDS flows from the Santa Ana River Interceptor (SARI), sidestreams from Plant 1 such as centrate from sludge dewatering, GWRS residuals including microfiltration backwash and reverse osmosis concentrate, and Plant 2's own internal sidestreams. Non-reclaimable flows with high levels of dissolved solids, industrial contaminants, and other constituents are not suitable for reuse and are discharged to the ocean outfall following AS treatment.

This operational split has had a significant effect on influent quality. Pollutants concentrated in sidestreams, such as 1,4-Dioxane, silver, arsenic, cyanide, chromium, nickel, lead, zinc, and ammonia, now show their highest concentrations in the Plant 2 non-reclaimable stream. Other pollutants, such as cadmium, copper, mercury, and CBOD₅ show maximum values in Plant 1 influent, while selenium and molybdenum show maximum values in the Plant 2 reclaimable stream.

Findings

Following EPA's *Local Limits Development Guidance*, OC San applies a ratio threshold of 60% (80% for CBOD₅) to consider revising its local limits. Exceedances of these thresholds may trigger actions such as revising local limits, investigating pollutant sources, increasing industrial user monitoring, or pursuing pollution prevention measures.

The FY 2023/24 TRLL indicates that CBOD₅, arsenic, and 1,4-Dioxane exceed the action triggering the threshold.

CBOD₅

CBOD₅ is a conventional pollutant whose allowable loadings are more influenced by OC San's treatment plant performance than by IU contributions. Importantly, CBOD₅ does not pose a risk of Pass Through to OC San, as OC San consistently maintains excellent treatment performance, ensuring reliable and proper treatment of CBOD₅ to meet its NPDES discharge limits. OC San consistently achieved Federal Secondary Treatment Standard for CBOD₅ with monthly effluent concentration ranging from 4.5 mg/L to 12.2 mg/L and weekly effluent concentration ranging from 4.0 mg/L to 13.2 mg/L, significantly lower than the 30-day average limit of 25 mg/L and the 7-day average limit of 40 mg/L.² Additionally, the 30-day average influent removal efficiency for CBOD₅ ranged from 95% to 98%, well above the minimum requirement of 85%.¹

1,4-Dioxane and Other Non-Reclaimable-Driven Exceedances

The most significant exceedance in FY2023/24 was 1,4-Dioxane. Influent loadings reached 320.51% of MAHL, with industrial loadings measured at 49.55% of MAIL. Unlike CBOD₅, which is effectively treated by OC San's secondary treatment processes, 1,4-Dioxane is a synthetic organic compound of emerging concern that is highly persistent and resistant to biological treatment. In the current operational setup, reclaimable flows benefit from GWRS advanced treatment processes such as advanced oxidation that are capable of degrading 1,4-Dioxane. On the other hand, non-reclaimable flows bypass GWRS entirely, and is treated by AS processes before discharge to the ocean outfall.

² Order No. R8-2021-0010/NPDES No. CA0110604 – Waste Discharge Requirements and National Pollutant Discharge Elimination System Permit for Orange County Sanitation District Publicly Owned Treatment Works (Reclamation Plant No. 1, Treatment Plant No. 2, Collection System, and Outfalls)

The increase in arsenic and 1,4-Dioxane may be explained by the composition of the non-reclaimable influent, which is dominated by sidestreams and industrial brines with elevated concentrations of persistent contaminants. While other pollutants measured at maximum concentrations in the Plant 2 non-reclaimable stream, including silver, cyanide, chromium, nickel, lead, zinc, and ammonia did not exceed the 60% threshold and showed no significant change compared to prior years, the magnitude of the 1,4-Dioxane exceedance represents an emerging concern.

Given these findings, 1,4-Dioxane will be a priority constituent in the upcoming TELL project. As part of this evaluation, OC San will consider whether establishing or modifying a local limit for 1,4-Dioxane is warranted. Revisiting the limit could provide a regulatory mechanism to better control loadings at the source, complementing enhanced monitoring, industrial pretreatment, and pollution prevention strategies. Because 1,4-Dioxane persists through conventional treatment and directly affects ocean discharge quality, the TELL will assess whether a revised limit, combined with targeted source investigations, is necessary to safeguard both regulatory compliance margins and long-term environmental sustainability.

Next Steps

Pursuant to 40 CFR 122.44(j)(2)(ii), federal regulations require a written technical evaluation of the existing local limits following each permit issuance or re-issuance. In accordance with OC San's NPDES permit (issued August 2021) and the completion of the GWRS Final Expansion, OC San has commenced its next TELL project in August 2025. This effort will provide updated technical support for local limits, with particular focus on the significant exceedance of 1,4-Dioxane in non-reclaimable flows, CBOD₅ in Plant 1 influent, and the need to align local limits with the operational realities of Plant 2's separation mode. The project will help determine whether revised limits, expanded monitoring, or targeted pretreatment and pollution prevention measures are warranted.

6.11 Significant Changes in Operating the Pretreatment Program

There were no significant changes to the OC San Pretreatment Program during FY 2024/25.

Chapter 7. Interaction with Other Agencies

7.1 Introduction

OC San has entered into agreements and has developed memoranda of understanding (MOUs) with Los Angeles County Sanitation District (LACSD) Nos. 18 and 19, Irvine Ranch Water District (IRWD), and the Santa Ana Watershed Project Authority (SAWPA) for accepting certain wastewater flows and implementing source control discharge, inspection, and enforcement requirements. Therefore, this chapter is divided into three sections: Section 7.2 presents information on LACSD for FY 2024/25, Section 7.3 presents information on IRWD for FY 2024/25, and Section 7.4 presents information on SAWPA for FY 2024/25.

7.2 Los Angeles County Sanitation District Nos. 18 and 19 Flow Accommodation Agreement

In 1960, LACSD and County Sanitation District No. 3 of Orange County³ entered into a flow accommodation agreement by which each district agreed to receive wastewater from the other district, where the wastewater originated in one district's service area and discharged into the other district's sewerage system. The geographic areas subject to the agreement are located along the Los Angeles County-Orange County boundary and are characterized by the fact that they are physically isolated from the sewer system of their respective district's jurisdiction by Coyote Creek. The districts entered into subsequent flow accommodation agreements for the 2010/11 and 2011/12 fiscal years. A current agreement was approved by the Board of Directors of both LACSD and OC San on July 1, 2012.

The flow accommodation agreement is fee-based, focusing primarily on residential parcels and flows. For the few industrial dischargers, the fees are based on flow, biochemical oxygen demand, chemical oxygen demand, and suspended solids. The originating district is responsible for administering and enforcing its industrial waste pretreatment program for industries in its service area, with terms and conditions of coordination and information exchange between the districts.

OC San has no industrial facilities discharging to LACSD. LACSD has two noncategorical permittees discharging to OC San, including WestRock and T. Hasegawa USA Inc.

³ County Sanitation District No. 3 of Orange County was a predecessor to OC San prior to consolidation of the various county sanitation districts into a single county sanitation district.

7.3 Irvine Ranch Water District (IRWD)

IRWD is a California Water District in central Orange County, California, which is served by several Revenue Zones within the jurisdiction of OC San and other agencies. The northern and coastal parts of IRWD are served by OC San. The pretreatment program in these sections is managed by OC San. A small portion of the eastern part of IRWD, called Portola Hills, is currently sewered to Santa Margarita Water District, a member of the South Orange County Wastewater Authority (SOCWA). SOCWA administers the pretreatment program for its member agencies.

IRWD operates the Los Alisos Water Reclamation Plant (LAWRP) with permitted limits of 7.5 MGD for secondary treated effluent and 5.5 MGD for tertiary treated effluent. This facility is permitted by both Region 8 and Region 9 Water Quality Control Boards. Secondary wastewater effluent that is not recycled is discharged to the Aliso Creek Ocean Outfall (ACOO) in Laguna Beach. The ACOO is also used to dispose of brine from the Irvine Desalter and treated groundwater from its Shallow Groundwater Unit facility. SOCWA administers the pretreatment program for discharges to the ocean outfall.

Most of IRWD is in OC San's service area, which collects sewage for treatment at either Michelson Water Recycling Plant (MWRP) or OC San's Reclamation Plant No. 1. Currently, most of the sewage generated within OC San's Revenue Zone No. 14 is treated at MWRP, which is a tertiary treatment plant with a design capacity of 28 MGD. MWRP produces highly treated effluent meeting the State of California Title 22 regulations for the reuse of recycled water. During the calendar year 2021, IRWD began to process all biosolids produced at MWRP instead of transferring it to OC San.

7.3.1 Operating Permit, Regional Board Order R8-2015-0024

On June 19, 2015, the Santa Ana Regional Water Quality Control Board (Regional Board) adopted Order No. R8-2015-0024, superseding Order No. R8-2007-0003. The Monitoring and Reporting Program under Order No. R8-2015-0024 requires an annual full priority pollutant scan, with quarterly samples analyzed for those pollutants that were detected in the annual analysis.

IRWD organic priority pollutant analyses for influent and effluent are provided following the narrative. Priority pollutant monitoring is scheduled more frequently than required by permit to provide additional information to OC San on the quality of wastewater and sludge in Revenue Zone 14. Quarterly monitoring will continue to monitor the influent and effluent to satisfy the request from OC San.

On September 7, 2018, the Regional Board adopted Order No. R8-2018-0070, amending Order No. R8-2015-0024, allowing for discharges to San Diego Creek under emergency conditions. IRWD Master Reclamation Permit continues to be in an administrative extension since IRWD submitted a timely permit renewal application.

7.3.2 Analytical Reporting

Annually, the discharger shall submit... a summary of analytical results from representative, flow proportioned, 24-hour composite sampling of the POTW's influent and effluent for those pollutants EPA has identified under Section 307(a) of the Act. (IX, D. 2.a R8-2015-0024)

Location	Permit ID	Description
Influent	M-INF 1	Collected at headworks before grit basins
Effluent	REC-001	Collected at the end of the chlorine contact basin (CCB), but downstream of where the CCB effluent and ultraviolet (UV) disinfected effluent are combined, just prior to entering the recycled water distribution system.

The sampling of influent and effluent is performed according to the following protocol:

1. Grab samples are collected quarterly for influent and effluent and analyzed for volatile organic priority pollutants.

2. Composite samples are collected for BNA extractables, inorganic priority pollutants, pesticides/PCBs, and phenols at each location. This sampling is performed with a Sigma sampler that collects discrete samples at hourly intervals over a 24-hour period. The discrete samples are composited according to flow, and aliquots are distributed into the appropriate sample container. All the samples are collected in glass bottles and distributed into the appropriate glass or plastic bottles.

Samples are analyzed at the onsite ELAP certified laboratory at IRWD or contracted to Weck Laboratories located in the City of Industry or Eurofins Test America Laboratory located in the City of Irvine. Samples are preserved, refrigerated, and shipped on ice as required. Each lab supplies their respective sample containers with the preservatives as required by the method.

The detection limits may vary from quarter to quarter due to matrix interference and sensitivity of the analytical equipment; however, samples meet method requirements and comply with ELAP TNI standards.

7.3.3 Inorganic Pollutants

General Minerals

MWRP effluent is subject to general mineral requirements to protect Basin Plan water quality criteria. Local groundwater and imported water is utilized to supply customers' domestic water needs. The current Basin Plan standards for the Groundwater Basin is 910 mg/L Total Dissolved Solids (TDS), and the current TDS limit for discharges to recycled water reservoirs designated as "Waters of the State" is 720 mg/L. As a

purveyor of recycled water, the goal is to provide high quality water regardless of standards applied in the basin. We have implemented several projects which improve the quality of the domestic water supply, which results in improvement in the quality of recycled water. In 1991, IRWD prepared the Michelson Influent Wastewater Quality Improvement Plan which identifies procedures to be followed to produce the highest quality recycled water. An important feature of the Plan was to maximize the delivery of high-quality domestic water during the period of greatest recycled water consumption. The Deep Aquifer Treatment System plant, an 8-MGD membrane filtration plant, provides additional high-quality domestic water. The treatment plant removes natural organic matter in the form of color from a low TDS (250 mg/L on average) deep groundwater source. Additional drinking water sources include the Irvine Desalter Project, also known as the Potable Treatment Plant (PTP), a 5.5-MGD reverse osmosis plant, and the Wells 21/22 Desalter Plant, a 6.3-MGD reverse osmosis plant. Both desalter plants remove minerals from water in the Irvine Groundwater Basin to provide a target of 420 mg/L TDS in the final product water. All three treatment plants decrease demand for high TDS imported water, improving mineral quality of the MWRP effluent.

The minerals rejected by the reverse osmosis system for the PTP are discharged into the ocean through the ACOO, and for Wells 21/22 Desalter Plant reject water is discharged to OC San's Reclamation Plant No. 1. For FY 2024/25, PTP operation has resulted in a net discharge of salt from the Irvine Groundwater Basin of approximately 1823 tons. For FY 2024/25, the Wells 21/22 Desalter has resulted in a net discharge of salt from the Irvine Groundwater Basin of approximately 710 tons.

The seasonal change in MWRP effluent mineral quality, on a fiscal year annual average, is also shown in Figure 7-1. The recycled water mineral quality, as expressed by total dissolved solids (TDS), varied by 187

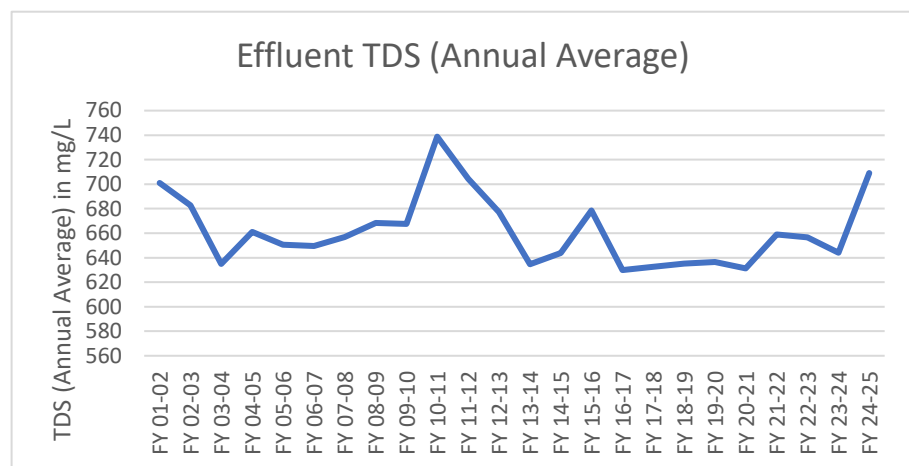


Figure 7-1 MWRP Effluent Total Dissolved Solids (Annual Average)
Irvine Ranch Water District Michaelson Water Recycling Plant
Orange County Sanitation District, Resource Protection Division

mg/L during 2024/25. Higher quality domestic water results in lower TDS, as demonstrated by the Fig 7-1. The TDS of the recycled water has gradually declined over the last six years and is within compliance with the TDS Limit .

Total Heavy Metals and Total Cyanide

IRWD has been analyzing the heavy metals and total cyanide on the list of inorganic priority pollutants for the last 40 years. During the 40-year period, the total mass of heavy metals and cyanide has increased from 5 pounds per day (lb/day) to the current 50.60 lb/day in the influent, a 20.2% increase compared to the previous year, and has increased in the effluent from 2.8 pounds per day to the current 8.36 lb/day in 2024/25, an decrease of 17.9% from the previous fiscal year.

Of all the priority pollutant heavy metals, copper and zinc were found in significantly greater concentrations than remaining metals. The sum of mass of copper and zinc represents 76% of heavy metals found in the influent and represents 87% of what is found in the effluent, with zinc being the overall heavy metal contributor at both sampling locations. IRWD analyzes metals by ICP-MS which is capable of reporting metals in the sub part per billion range. Figure 7-2 shows the annual mass of total heavy metals and total cyanide in the influent and effluent of MWRP.

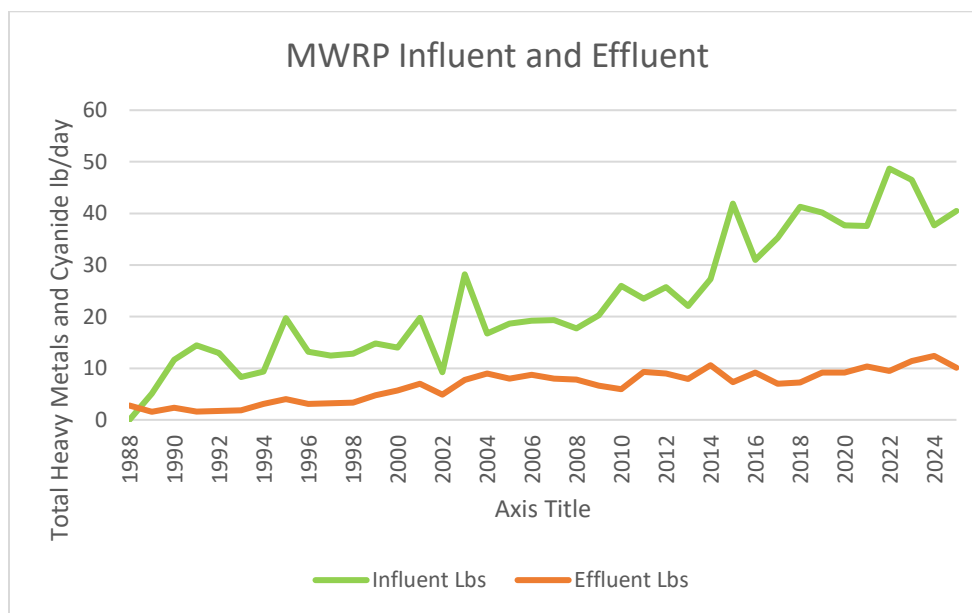


Figure 7-2 MWRP Influent and Effluent Total Heavy Metals and Cyanide
Irvine Ranch Water District – Michelson Water Recycling Plant
Orange County Sanitation District, Resource Protection Division

Copper

Figure 7-3 shows that the mass of copper in the influent increased over the 40-year period from 3.5 to 11.53 lb./day for 2024/2025, while the effluent decreased to 0.73 lb./day during the 2024/25 fiscal year. The mass of copper entering the treatment plant in 2024/2025 increased by 26.1 % from the 2023/2024 daily average. The mass of copper in the effluent decreased from 1.03 to 0.73 lb./day, a decrease of 29.1% from the previous fiscal year.

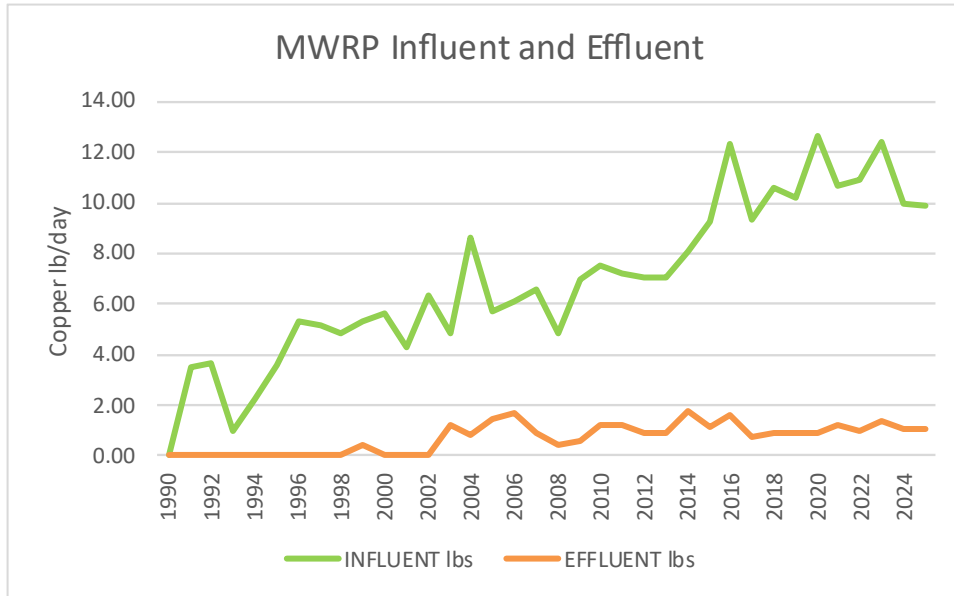


Figure 7-3 MWRP Influent and Effluent Copper
Irvine Ranch Water District – Michelson Water Recycling Plant
Orange County Sanitation District, Resource Protection Division

Zinc

Zinc is the predominant heavy metal detected in both the influent and effluent. Figure 7-4 shows that the mass of zinc in the influent has increased from 4.6 lb./day to 27.07 lb./day over 40 years. The influent mass of zinc increased 2.61lb./day or a 10.7% increase from the previous fiscal year. The mass of zinc in the effluent has also increased from 1 lb./day to 6.54 lb./day over the last 40 years. The effluent mass of zinc saw an decrease of 1.69 lb./day, or a 20.6% decrease from the previous fiscal year.

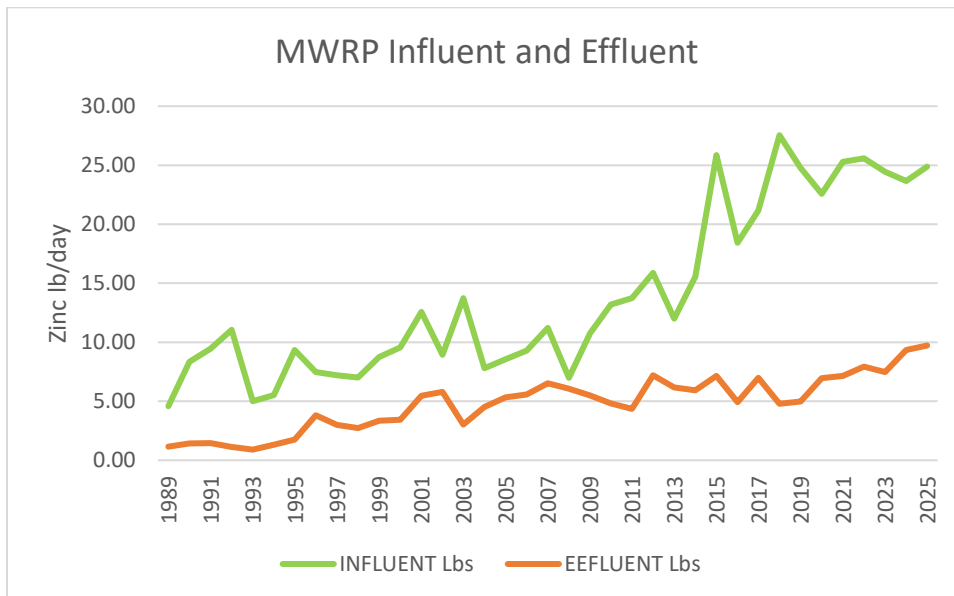


Figure 7-4 MWRP Influent and Effluent Zinc
Irvine Ranch Water Department – Michelson Water Recycling Plant
Orange County Sanitation District, Resource Protection Division

7.3.4 Organic Pollutants

IRWD has been analyzing organic pollutants on the list of organic priority pollutants at MWRP since 1983. The sampling frequency has increased from once per year to quarterly sampling. Samples are collected from the influent and effluent. Figure 7-5 shows the annual mass of total organic pollutants in the influent and effluent of MWRP. Over the last 40 years, the annual mass of total organic pollutants entering MWRP has widely varied and has decreased from a high of 16.82 lb./day to the current 5.11 lb./day. The mass of total organic priority pollutants leaving MWRP decreased from 24.77 lb./day in 2023/2024 to 21.52 lb./day this fiscal year. The general increase in effluent organic pollutants above influent levels is attributed to an increase in trihalomethanes and other volatile organic compounds resulting from final effluent chlorination required to meet California Title 22 Water Recycling Criteria.

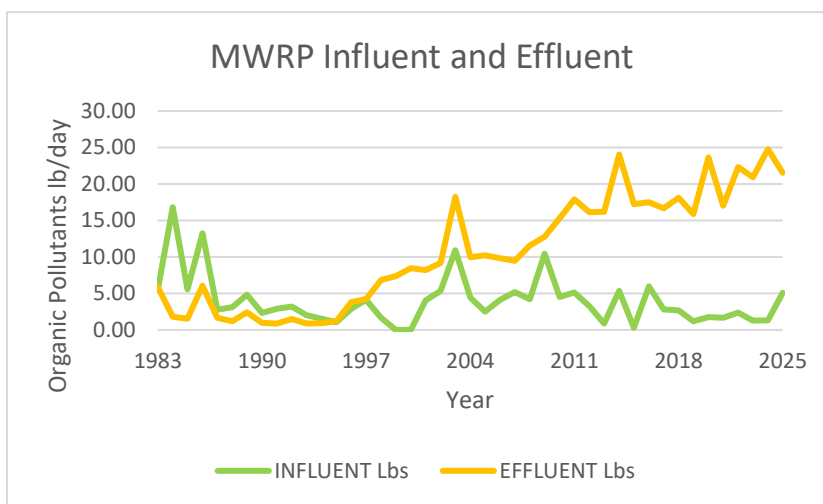


Figure 7-5 MWRP Influent and Effluent Organic Pollutants
Irvine Ranch Water District – Michelson Water Recycling Plant
Orange County Sanitation District, Resource Protection Division

IRWD has completed its 10 MGD biological nitrogen removal membrane filtration plant expansion at the MWRP and the plant is now operating within its design capacity. The UV Disinfection system went online in November 2015 and the effluent total toxic organics concentration and mass has been reduced as the concentration of trihalomethanes and other volatile organic compounds resulting from effluent chlorination has been reduced.

Report of Upset, Pass-Through, and Interference Events

The discharger shall submit annually... a discussion of upset, interference, or pass-through incidents, if any, at the POTW which the discharger knows or suspects were caused by industrial users of the POTW system...(IX. D. 2. B.)

There were no upsets, interference or pass-through incidents caused by industrial users during the reporting period.

7.3.5 Discussion of the List of Industrial Users

The discharger shall submit annually... an updated list of the discharger's significant industrial users...(IX. D. 2. C.)

Table 7.1 summarizes those companies in Revenue Zones Nos. 7 and 14 which were under permit and in business as of June 30, 2025. Class I industrial users in Revenue Zone 7 discharge to the IRWD collection system and are treated at OC San's treatment plant. Class I industrial users in Revenue Zone 14 discharge to the IRWD collection system and are treated at MWRP and at OC San's treatment plant.

Table 7.1 Class I Industries Within Irvine Ranch Water District Service Areas Orange County Sanitation District – IRWD					
Permit No.	Facility Name	Physical Address	NAICS Code	Classification	Plant
1-602206	AbbVie, Inc.	18667 Teller Ave. (Irvine)	325412	Pharmaceutical Preparation Manufacturing	IRWD
1-541182	Alliance Medical Products, Inc.	9342 Jeronimo Road (Irvine)	325412	Pharmaceutical Preparation Manufacturing	IRWD
1-571332	Avid Bioservices, Inc.	14191 Myford Road (Tustin)	325414	Biological Product (except Diagnostic) Manufacturing	IRWD
1-601951	Baxter Healthcare Corporation	17511 Armstrong Ave. (Irvine)	339112	Surgical and Medical Instrument Manufacturing	OC San
1-071054	B. Braun Medical, Inc. (East/Main)	2525 McGaw Ave. (Irvine)	325412	Pharmaceutical Preparation Manufacturing	OC San
1-600382	B. Braun Medical, Inc. (North/Alton)	2206 Alton Parkway (Irvine)	325412	Pharmaceutical Preparation Manufacturing	OC San
1-541183	B. Braun Medical, Inc. (West/Lake)	2525 McGaw Ave. (Irvine)	325412	Pharmaceutical Preparation Manufacturing	OC San
1-601616	Bioduro LLC (Fairbanks)	72 Fairbanks (Irvine)	325412	Pharmaceutical Preparation Manufacturing	IRWD
1-601617	Bioduro LLC (Jeronimo)	9601 Jeronimo Road (Irvine)	325412	Pharmaceutical Preparation Manufacturing	IRWD
1-600583	Brothers International Desserts (North)	1682 Kettering St. (Irvine)	311520	Ice Cream and Frozen Dessert Manufacturing	OC San
1-600582	Brothers International Desserts (West)	1682 Kettering St. (Irvine)	311520	Ice Cream and Frozen Dessert Manufacturing	OC San
1-600920	CP-Carrillo, Inc. (Armstrong)	17401 Armstrong Ave. (Irvine)	336310	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing	OC San
1-571316	CP-Carrillo, Inc. (McGaw)	1902 McGaw Ave. (Irvine)	336310	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing	OC San
1-602333	Dona Tina, LLC. / Northgate Gonzalez, LLC.	2450 White Road (Irvine)	311991	Perishable Prepared Food Manufacturing	OC San
1-071162	Electrolurgy, Inc.	1121 Duryea Ave. (Irvine)	332813	Electroplating, Plating, Polishing, Anodizing, and Coloring	OC San
1-600585	FMH Aerospace Corp.	17072 Daimler St. (Irvine)	332912	Fluid Power Valve and Hose Fitting Manufacturing	OC San
1-571314	Graphic Packaging International, Inc.	1600 Barranca Parkway (Irvine)	322212	Folding Paperboard Box Manufacturing	OC San
1-541178	Imuraya USA, Inc.	2502 Barranca Parkway (Irvine)	311520	Ice Cream and Frozen Dessert Manufacturing	OC San
1-571327	Irvine Ranch Water District (Wells 21/22 Desalter)	1221 Edinger Avenue (Tustin)	221310	Water Supply and Irrigation Systems	OC San

Table 7.1 Class I Industries Within Irvine Ranch Water District Service Areas Orange County Sanitation District – IRWD					
Permit No.	Facility Name	Physical Address	NAICS Code	Classification	Plant
1-601134	IsoTis OrthoBiologics, Inc.	2 Goodyear (Irvine)	339112	Surgical and Medical Instrument Manufacturing	IRWD
1-601313	LGM Subsidiary Holdings LLC	17802 Gillette Ave. (Irvine)	325412	Pharmaceutical Preparation Manufacturing	OC San
1-071024	Maruchan, Inc. (Deere)	1902 Deere Ave. (Irvine)	311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour	OC San
1-601021	Maruchan, Inc. (Deere-South)	1902 Deere Ave. (Irvine)	311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour	OC San
1-141015	Maruchan, Inc. (Laguna Cyn)	15800 Laguna Canyon Road (Irvine)	311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour	IRWD
1-141023	Marukome USA, Inc.	17132 Pullman St. (Irvine)	311991	Perishable Prepared Food Manufacturing	OC San
1-601843	Meggitt (Orange County), Inc.	4 Marconi (Irvine)	334519	Other Measuring and Controlling Device Manufacturing	IRWD
1-601837	Newport Corporation	1791 Deere Ave. (Irvine)	334516	Analytical Laboratory Instrument Manufacturing	OC San
1-602327	Nutrawise Health and Beauty, LLC	9600 Toledo Way (Irvine)	325411	Medicinal and Botanical Manufacturing	IRWD
1-141012	Oakley, Inc.	1 Icon (Foothill Ranch)	339115	Ophthalmic Goods Manufacturing	IRWD
1-071235	Prudential Overall Supply	16901 Aston St. (Irvine)	812332	Industrial Launderers	OC San
1-571303	Rayne Dealership Corporation	17835 Sky Park Circle Suite M (Irvine)	454390	Other Direct Selling Establishments	OC San
1-600010	Vit-Best Nutrition, Inc.	2832 Dow Ave. (Tustin)	325412	Pharmaceutical Preparation Manufacturing	IRWD
1-601581	Waste Management Collections & Recycling, Inc. DBA Sunset Environmental	16122 Construction CircleWest (Irvine)	562212	Solid Waste Landfill	OC San

7.3.6 Discussion of Industrial User Compliance Status

The discharger shall submit annually... a list or table characterizing the industrial compliance status of each SIU...(IX. D. 2. D)

The compliance status of each noncompliant SIU is shown in OC San's Pretreatment Program Annual Report.

7.3.7 Summary of SIU Compliance

The District shall submit annually... a compliance summary table...(IX.D. 2. E)

A summary of compliance is shown in OC San's Pretreatment Program Annual Report.

7.3.8 Discussion of Significant Changes in the Pretreatment Program

The District shall submit annually... a short description of any significant changes in operating the pretreatment program which differ from the previous year...(IX. D. 2. F.)

There were no significant changes in operating the pretreatment program between the 2023/24 and 2024/25 fiscal years.

7.3.9 Pretreatment Program Costs

The District shall submit annually... a summary of the annual pretreatment budget and the pretreatment equipment purchases.

A financial summary of the pretreatment program is shown in Table 7.2. All the expenses shown are related to the operation of the pretreatment program by IRWD staff. All expenses incurred by IRWD under the Memorandum of Understanding between IRWD and OC San are summarized by OC San.

Table 7.2 Summary of Irvine Ranch Water District Pretreatment Program Costs, 2023 – 2024 and 2024 – 2025 Orange County Sanitation District – IRWD			
Project No.	Description	2023 – 2024 Labor	2024 – 2025 Labor
3093	Quarterly PP	\$329.30	\$0
3094	Baseline PP	\$0	\$464.32
3095	PP Surveillance	\$0	\$0
3096	Compat. Surveillance	\$0	\$0
3098	Industry Info. Collection	\$50,812.16	\$13,471.73
3099	Eval. Data/Reports	\$0	\$0
3100	OC San/SOCWA	\$0	\$0
Total		\$51,141.46	\$13,936.05

Records of expenses are based on project numbers which represent specific activities or groups of related activities. During fiscal year 2024/25, \$14,136.82 was spent on the operation of its pretreatment program, which is a decrease of \$37,205.41 from the previous year. Note: Actual numbers are higher than provided, as all of the time allocated for the program were not captured through the timecard system, which is normally used to demonstrate activity.

7.3.10 Equipment Purchases for FY 2024 – 2025

IRWD maintained its existing equipment inventory as shown in Table 7.3.

Table 7.3 Summary of Irvine Ranch Water District Pretreatment Equipment, Fiscal Year 2024-2025 Orange County Sanitation District – IRWD	
Quantity	Description
1	Ford Ranger
4	Sigma AS 950 portable compact auto samplers with pH
1	Sigma 900 Max insulated auto sampler with conductivity and pH
1	Sigma SD 900 insulated auto sampler
3	Sigma compact insulated auto sampler base (spare base) – 24 bottle configuration
3	Sigma large insulated auto sampler base – 24 bottle configuration
2	Sigma large insulated auto sampler base – 12 bottle configuration
6	Sigma lead-acid gel battery
3	Sigma battery charger, 5 stations
2	Sigma data transfer unit (DTU) and software
2	USB flash drive
1	Digital pH probe
1	Analog pH probe
1	Manhole Cover Hook
2	Analog electrical conductivity probe
1	MSA gas detector

7.3.11 Discussion of Public Participation Activities

The District shall submit annually... a summary of public participation activities...(IX. D. 2. H)

IRWD has a standing program of MWRP tours, where the public is instructed on the sewage collection and treatment, as well as proper waste disposal practices. As an operator of a sewage collection system, IRWD is enrolled under the statewide general permit to manage fats, oils, and grease discharges from food service establishments.

7.3.12 Discussion of Biosolids Treatment and Recycling Activities

The District shall submit annually... a description of any changes in sludge disposal methods...(IX. D.2.i)

IRWD began construction in October 2013 of its Biosolids and Resource Recovery Facility, that consists of solids thickening, acid-phase and methane phase anaerobic digestion, dewatering, drying/pelletizing, and energy generation using microturbines. In fiscal year 2024/2025 IRWD treated all its wastewater solids onsite in the Biosolids and Resource Recovery Facility producing Class B and Class A (pellets) biosolids.

7.3.13 Additional Information

The District shall submit annually... any concerns not described elsewhere in the report.

Michelson Water Recycling Plant Flow

Figure 7-6 shows the wastewater flow received by MWRP over the last 40 years. MWRP flow has generally increased over the years with a few exceptions. Average flow for the 2024/2025 fiscal year was 21.25 MGD which was a 2.5% increase from the previous fiscal year. The decrease in influent flow in previous years

may be attributed to the abnormally wet winters, where IRWD had to divert sewage at a higher volume than normal from MWRP to OC San for treatment.

Nitrification/Denitrification Facilities

IRWD completed a significant upgrade to MWRP by installing a nitrification/denitrification system on its activated sludge system in the 1998-99 fiscal year. Plant effluent is now fully nitrified year-round and substantially denitrified during the months when recycled water is stored in IRWD open storage reservoirs. A fully nitrified effluent means that IRWD maintains a free chlorine residual rather than a combined chlorine residual. A free chlorine residual causes a greater formation of trihalomethanes and related volatile organic compounds, which is evident by the presence of total toxic organic compounds in the effluent. The quality of plant effluent, detention time in the plant, and short time before storage or use keeps the level of toxic organic compounds below regulatory criteria, even though a relatively high chlorine dose is required to maintain bacterial quality. The operation of the nitrification/denitrification system has improved activated sludge operations, which in turn has increased the quality of recycled water.

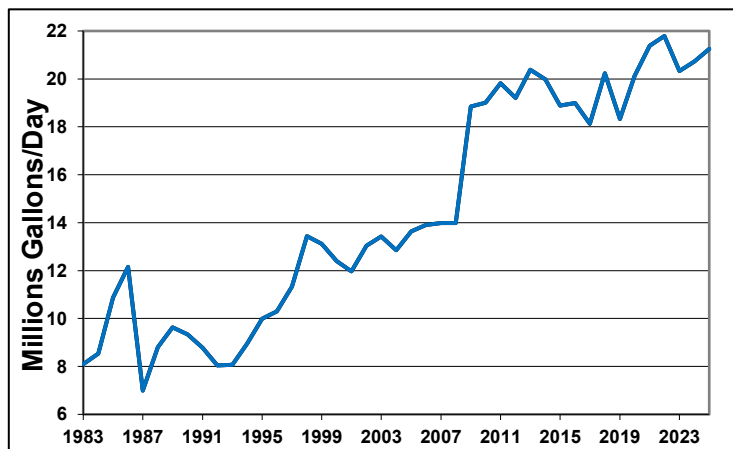


Figure 7-6 MWRP Influent Flow
Irvine Ranch Water District – Michelson Water Recycling Plant
Orange County Sanitation District, Resource Protection Division

Stormwater, Deminimis Discharges and Selenium

In May 2009, the Regional Board adopted the fourth term *Waste Discharge Requirements for the County of Orange, Orange County Flood Control District, and Incorporated Cities of Orange County Within the Santa Ana Region Areawide Stormwater Runoff Orange County*, Order R8-2009-0030. A condition of this permit is a requirement that non-stormwater discharges be prohibited from discharge into the storm drain except for urban runoff and certain authorized non-stormwater discharges. As a result, there has been an increase in non-wastewater discharges into the sewer system. In general, these discharges contribute to the hydraulic loading to the sewer system and but not been a significant source of conventional and other pollutants.

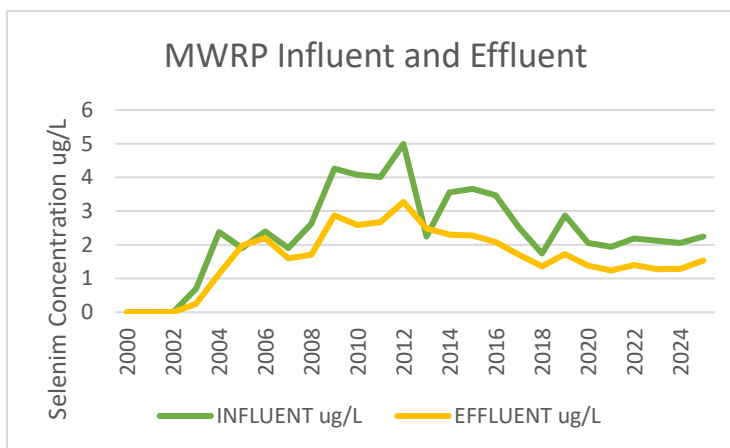


Figure 7-7 MWRP Influent and Effluent Selenium
Irvine Ranch Water District – Michelson Water Recycling Plant
Orange County Sanitation District, Resource Protection Division

Historically we saw potential naturally occurring selenium from coastal foothill runoff, accumulating in a seasonal marsh called the Cienega de las Ranas, as well as rising groundwater in the area, that contributed to selenium values above the California Toxics Rule criterion of 5 ug/L. The seasonal marsh has been drained and agricultural land converted to urban development, thus likely contributing to lower monitoring results of selenium. Surface waters in the

watershed are listed on the Section 303(d) list for selenium impairment, and discharges of water into the surface water system above 5 µg/L are regulated under the Basin Plan.

The effect of the prohibition of non-stormwater discharging into the storm drain system has resulted in additional non-stormwater flows being discharged into the sewer system containing significant levels of selenium from groundwater dewatering operations. Some of the discharges are tributary to OC San's sewer system, and the selenium is ultimately returned to the ocean. However, some of the discharges are tributary to the IRWD sewer system. IRWD has been tracking the fate and transport of selenium since 2002 to garner knowledge on the effect of the additional non-stormwater discharges on MWRP effluent quality. During this last fiscal year, the average effluent selenium concentration was approximately 1.53 µg/L, below the California Toxics Rule criteria. Prior to 2002, the concentration of selenium in the wastewater was negligible, because there was no selenium in the domestic water supply, there were no industries discharging selenium, and non-wastewater discharges into the sewer system were prohibited. Because selenium toxicity is based on concentration, IRWD will continue to monitor the concentration of selenium in the influent and effluent from the MWRP.

Sanitary Sewer Oversight Activities

IRWD monitors four major trunklines within its service area for priority pollutants. Commercial, residential and industrial areas were monitored on an annual basis. One purpose of this monitoring is to establish a long-term history of priority pollutant discharges into the sewer system

Additionally, within the IRWD service area, industrial activities are regulated by the City of Irvine General Plan and Zoning Ordinances, which confines industrial uses to specific zones and the City of Lake Forest, which is the agency currently responsible for the Foothill Ranch Master Plan.

Local Limits Study

Local Limits are reflective of the October 2016 study. The study evaluated if IRWD's current limits are protective of not only the new unit processes within IRWD but were also protective enough to ensure that IRWD can produce Class A exceptional quality biosolids, as well as potentially evaluate additional pollutants of concern. Due to upgrades in the wastewater facilities, duration of time since the previous study, and changes to industrial discharges, the local limits study will likely be re-evaluated in the next permit cycle.

7.4 Santa Ana Watershed Project Authority (SAWPA)

Orange County Sanitation District (OC San) has a National Pollutant Discharge Elimination System (NPDES) permit for ocean discharge and is the Control Authority for the Pretreatment Program required by federal regulations. Because SAWPA discharges to OC San through the SARI Line, SAWPA is subject to OC San's Pretreatment Program. Through a 1991 Memorandum of Understanding (1991 MOU), OC San enabled SAWPA to be OC San's Delegated Control Authority for the Pretreatment Program in SAWPA's SARI Service Area. SAWPA's responsibilities to run a Pretreatment Program on behalf of OC San, ability to discharge to the SARI Line, and other financial factors are governed by agreements between OC San and SAWPA, including the 1991 MOU and a 1996 Wastewater Treatment and Disposal Agreement (1996 Agreement), as amended and succeeded. OC San routinely reviews all SAWPA Commission, Commission Workshop, and Project Agreement meeting agendas and minutes to stay current with the activities in the SAWPA area that may have an impact on the SAWPA Pretreatment Program. In addition, OC San routinely meets with SAWPA to coordinate at administrative, technical, management, and leadership levels with varying levels of staff in attendance at each meeting to improve the coordination between OC San's and SAWPA's Pretreatment Programs and to enhance the working relationship with SAWPA in all areas of the 1991 MOU and 1996 Agreement.

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 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 that is designed to carry saline wastewater from the Upper Basin to OC San for disposal, after treatment, into the Pacific Ocean. This wastewater today consists primarily of desalter brine and saline wastewater from industrial uses but also has some temporary domestic discharges. Wastewater from the Brine Line is transferred to the SARI Line in Orange County which transports the wastewater to OC San Plant No. 2. A flow meter installed at the Orange County line measures SAWPA's discharge. The capacity of the Brine Line available to SAWPA is 30 MG per day (MGD). For the 12-month period from July 1, 2024, through June 30, 2025, a total of 4,564 MG was discharged into the Brine Line, for an average of 12.50 MGD.

7.4.1 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 Member Agencies, EMWD, IEUA, Valley District, and Western Water and Contract Agencies, City of Beaumont (Beaumont) Jurupa Community Services District (JCSD), San Bernardino Municipal Water Department (SBMWD), 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 Industrial Users (IU) located in their service areas.

SAWPA owns and operates the Brine Line above or upstream of the Orange County line and has purchased 17 MGD of treatment and disposal capacity rights at OC San's treatment facilities. 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. In addition, SAWPA has the Permitting responsibilities for all Liquid Waste Haulers (LWH) that use the four SAWPA-approved Collection Stations. The SAWPA LWH permits assign, for each discharger, a primary collection station and alternate collection stations should the primary collection station become unavailable due to repairs or closure.

Agency staff assists in the conduct of the program for non-agency permittees within their service area. SAWPA conducts all pretreatment oversight activities for agency-owned or affiliated permittees. SAWPA has identified, categorized, and summarized the permits herein by geographical location and support from the Member and Contract Agencies. Roles and responsibilities are defined in SAWPA's policies and procedures. SAWPA has two dedicated full-time pretreatment personnel and an additional 0.7 full-time equivalent (FTE) to assist with pretreatment responsibilities. Combined, the 2.7 FTE, along with additional personnel from both Member and Contract Agencies, prepared and issued permits, conducted inspections, prepared enforcement actions, and prepared monthly, quarterly, and annual reports by the date required.

During the reporting period SAWPA continued implementation of numerous program documents and worked to improve the operation and implementation of the Pretreatment Program. SAWPA and the Member and Contract Agencies use Pretreatment Program Control Documents (PPCDs) for uniform and consistent implementation of the Pretreatment Program. A Data Management System (iPACS) continued to be used.

The reporting below is individually presented for each SAWPA Pretreatment Program Member and Contract Agency.

7.4.2 SAWPA, Member Agency, and Contract Agency Pretreatment Programs

7.4.2.1 The City of Beaumont (Beaumont)

Description of Beaumont

Beaumont is the owner and operator of the City of Beaumont wastewater treatment plant and will be responsible for the implementation of certain pretreatment program activities for the industries connected to the Brine Line within its service area upon its connection to the Brine Line in 2020. 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 are avoided, benefiting 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 discharge to the Brine Line in July of 2020, in accordance with SAWPA policies and procedures.

Enforcement Actions

There was no enforcement action during this reporting period.

7.4.2.2 Eastern Municipal Water District (EMWD)

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 serve 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.

7.4.2.3 Inland Empire Utilities Agency (IEUA)

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. IEUA, originally named the Chino Basin Municipal Water District (CBMWD), was formed in 1950 to supply supplemental water to the region. Since its formation, IEUA 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, IEUA 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 approximately 950,000 people. IEUA's service area includes the Cities of Chino, Chino Hills, Fontana, Montclair, Ontario and Upland, as well as the Cucamonga Valley Water District.

Enforcement Actions

C.C. Graber Company (Permit No. I1005-4)

C.C. Graber Company operates a facility which produces canned olives. The wastewater is hauled to the Brine Line Collection Station to be discharged to the Brine Line includes contact cooling water and boiler blowdown. The process wastestream includes the following pretreatment system and processes to remove regulated waste prior to discharge to the Brine Line: Sulfuric Acid dosing for pH adjustment.

On November 26, 2024, a Notice of Violation and Order for Corrective Action (NOV/OCA) was issued for failure to implement required action. On November 25, 2024, IEUA determined the permittee failed to pay past due charges for Brine Line use and annual permitting renewals. The invoice generated on November 26, 2024, indicated that the permittee owed a total of \$10,116.46 and the amount was more than 180 days past due. The NOV/OCA required the permittee to submit a written report detailing the cause and corrective action taken to prevent the recurrence of the violation by no later than December 10, 2024. Furthermore, the permittee was required to pay all past due charges on or before January 1, 2025. Per request by C.C. Graber Company, IEUA extended the written response due date to December 17, 2024. On December 19, 2024, IEUA placed a lien on the C.C. Graber Company property for the total balance due. The permittee was granted an extension until December 19, 2024, to submit a written response to the NOV/OCA. The permittee failed to formally respond to the NOV/OCA in writing by this extended due date. As a result, IEUA sent a permit voidance letter to the permittee on January 21, 2025, for failure to respond in writing to the NOV/OCA, failure to pay the annual permit application fees and failure to pay the Brine Line wastewater disposal service fees. Enforcement closed on January 21, 2025. As of April 2025, all past due fees have been paid by C.C. Graber Company, and the lien placed by IEUA has been released.

California Institution for Men (Permit No. D1006-6)

The California Institution for Men (CIM) is a California prison for men. Wastewater is produced by the following industrial processes within the facility: ion-exchange water treatment. The process waste stream includes the following pretreatment system and processes to remove regulated waste prior to discharge to the Brine Line: Nitric acid dosing system for pH adjustment, Vitec 7000 dosing system for antiscalant, and continuous pH and flow monitoring systems.

On April 2, 2025, a Notice of Violation and Order for Corrective Action (NOV/OCA) was issued for repeated failures to submit Self-Monitoring Reports (SMRs) by their required due dates, in violation of Wastewater Discharge Permit No. D1006-5, Section IX.A. The NOV/OCA required the Permittee to immediately comply with IEUA Ordinance No. 106 and the permit, investigate the cause of the violations, and submit a written response by April 16, 2025, detailing the results of the investigation and a corrective action plan to ensure consistent compliance. The action was based on three late SMR submittals: November 2024, submitted six days late and resulted in an Informal Notice, January 2025, seven days late and resulted in a Written Warning, and February 2025, four days late, detected March 10, 2025 and resulted in the April 2, 2025, NOV. The Permittee responded on April 16, 2025, attributing the late submittals to sampling activities occurring later in the week, which limited the time available to prepare and submit the SMRs by the due dates. As corrective action, the Permittee committed to conducting all sampling on Mondays to allow sufficient time for report preparation and timely submission. The enforcement action was closed on April 16, 2025. IEUA shall continue to conduct unannounced inspections and wastewater monitoring at CIM to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

Mission Linen Supply (Permit No. D1057-6)

Mission Linen Supply operates a facility which launders garments, uniforms, floor mats, shop towels, bed linens, bath towels, tablecloths, and napkins from various clients. Wastewater is produced by the following industrial processes within the facility: Boiler blowdown, truck and trailer washdown, flat-iron and air compressor condensate, water softener reject, and wastewater from the laundering of uniforms, floor mats, shop towels, bed linens, bath towels, tablecloths, and napkins. The process waste stream includes the following pretreatment system and processes to remove regulated waste prior to discharge to the Brine Line: Vibrating screens, collection tanks, flash mixing tanks, clarifiers, and filter presses.

On December 23, 2024, a Notice of Violation and Order for Corrective Action was issued for repeated failures to submit Self-Monitoring Reports by their required due dates, in violation of Wastewater Discharge Permit No. D1057-6. The Notice required the Permittee to investigate the cause of the violations and submit a written response by December 30, 2024, detailing the investigation results and a corrective action plan to ensure consistent compliance. The action was based on three late Self-Monitoring Report submittals. On March 11, 2024, IEUA issued an Informal Notice in the form of an email warning for the February 2024 SMR which was due March 7, 2024, and submitted four days late. On July 10, 2024, IEUA issued a Written Notice in the form of a Late Notice for the April to June 2024 SMR which was due July 7, 2024, and submitted eight days late. On December 9, 2024, it was determined that the November 2024 SMR, due December 7, 2024, was submitted two days late, resulting in the December 23, 2024, Notice of Violation and Order for Corrective Action. The Permittee responded on December 30, 2024, stating that the late submittals were the result of mailing the reports on dates that caused them to arrive at the IEUA office after the due date. As corrective action, the Permittee committed to mailing reports earlier to ensure delivery on or before the required due dates. The enforcement action was closed on December 30, 2024. 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.

7.4.2.4 Jurupa Community Services District (JCSD)

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 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 Water for capacity in Reach IV-D of the Brine Line.

Enforcement Action

Magnolia Foods, LLC (Permit No. D1053-4)

Magnolia Foods operates a facility which produces corn and wheat tortilla, and sopes as well as fried tortilla chips for retail food service distribution for human consumption. Wastewater is produced by the following industrial processes within the facility: Manufacturing washdown and Corn cooking cooling down process water. The process wastestreams includes the following pretreatment system and process to remove regulated waste prior to discharge to the Brine Line: Screens/strainers in all floor drains, three-stage clarifier, pH neutralization.

On January 17, 2025, JCSD collected a wastewater sample from Monitoring Point 001. Laboratory analysis received on February 12, 2025, indicated a Dissolved Sulfide concentration of 0.8 mg/L, exceeding the Daily Maximum Discharge Limitation of 0.5 mg/L as stated in Permit No. D1053-4. A NOV will be issued to Magnolia Foods in the next reporting period. JCSD shall continue to conduct unannounced inspections and wastewater monitoring at Magnolia Foods to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

Metal Container Corporation (Permit No. D1056-5)

Metal Container Corporation (MCC) operates a facility that utilizes aluminum coil stock to manufacture aluminum cans. Wastewater is produced by the following industrial processes within the facility: Sources of Industrial Wastewater regulated by 40 CFR 465.45 are: washing of aluminum cans in counter-current washers, potable water purification reject water, cooling tower blowdown, boiler blowdown, and facility washdown water from the processing floor. Wastewater treatment includes unaided oil skimming, flow equalization, cationic polymer coagulation, low-pH chemical emulsion breaking, and secondary oil skimming. Treatment then involves lime addition, which precipitates not only metal hydroxides but also fluoride and phosphate under alkaline conditions, followed by anionic polymer flocculation and settling. Settled solids are dewatered through a sludge thickener and filter press. The sludge thickeners decant, and filter press filtrate is returned via the filtrate sump to the beginning of pretreatment. The sludge is disposed of at a landfill.

On October 31, 2024, a Notice of Violation and Order for Corrective Action was issued for multiple violations of Wastewater Discharge Permit No. D1056-5, including permit limit exceedances for Total Toxic Organics (TTO) and Oil and Grease – Mineral/Petroleum, and incomplete Self-Monitoring Reports (SMRs). The Notice required the facility to resample for TTO and Oil and Grease – Mineral/Petroleum and submit results to JCSD within 30 days of sample collection, as well as submit a written report by November 10, 2024, detailing the cause of the violations and corrective actions taken to prevent recurrence. On February 15, 2024, the Permittee collected a wastewater sample from Monitoring Point 001. The SMR submitted on February 28, 2024, indicated a TTO concentration of 46.95 pounds per day, exceeding the daily maximum discharge limitation of 0.44 pounds per day. The SMR was incomplete, as no flow data was submitted and Monitoring Point 001 was not identified as the sample location on the chain of custody. On March 15, 2024, the Permittee submitted another SMR that was incomplete, as no flow data was submitted and Monitoring Point 001 was not identified on the chain of custody. On September 25, 2024, the Permittee collected a wastewater sample from Monitoring Point 001. The SMR submitted on October 1, 2024, indicated an Oil and Grease (Mineral) concentration of 210 milligrams per liter, exceeding the daily maximum discharge limitation of 100 milligrams per liter. This SMR was also incomplete, as no flow data was submitted and Monitoring Point 001 was not identified on the chain of custody. The Permittee responded on November 10, 2024, attributing the Oil and Grease exceedance to a process deviation in the Oil/Water Split system, where the gravity separation temperature was set at 140 degrees Fahrenheit instead of the required 150 degrees. The deviation was corrected, Standard Operating Procedures were updated, and staff were retrained. Resampling was conducted on November 5, 2024, at Monitoring Point 001, with results indicating compliance with discharge limits. The Permittee also provided documentation of enhanced monitoring procedures, accurate chain of custody, and timely SMR submittals. The enforcement action was closed on November 18, 2024. JCSD shall continue to conduct unannounced inspections and wastewater monitoring at MCC to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

7.4.2.5 San Bernardino Municipal Water Department (SBMWD)

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 City of Loma Linda, as well as surrounding communities and 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 the San Bernardino Valley Municipal Water District, is responsible for administering the pretreatment program associated with the SBMWD Brine Line Collection Station.

Enforcement Action

Niagara Bottling, LLC (SBMWD) (Permit No. I1111-4)

Niagara Bottling, LLC operates a facility which manufactures purified drinking water, alkaline drinking water, and flavored beverages. Wastewater is produced by the following industrial processes within the facility: Reverse Osmosis Reject, cooling tower blowdown, and process water from Clean-in-Place procedures.

On November 4, 2024, a Notice of Violation and Order for Corrective Action (NOV/OCA) was issued for failure to perform self-monitoring. On October 7, 2024, Niagara Bottling submitted a Self-Monitoring Report that included only the monitoring results for pollutants monitored on a monthly frequency. The report did not include the monitoring results for pollutants required to be monitored on a quarterly frequency for the quarterly sampling period of July 1 to September 30, 2024, as required by Permit No. I1111-4. The NOV/OCA required Niagara Bottling to conduct the required quarterly self-monitoring and provide the analysis to SBMWD by November 14, 2024. Furthermore, Niagara Bottling was required to submit a written report by November 14, 2024, detailing the cause of the violation and the corrective actions taken to prevent recurrence. Niagara Bottling responded on November 14, 2024 and attributed the cause of the violation to not updating the monitoring schedule with the contract lab and the lab missing the required sample event. The required quarterly monitoring was conducted on October 22, 2024, and Niagara Bottling submitted the self-monitoring report to SBMWD on November 14, 2024. Enforcement closed on November 14, 2024. SBMWD shall continue to conduct unannounced inspections and wastewater monitoring at Niagara Bottling to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

7.4.2.6 San Bernardino Valley Municipal Water District (Valley 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

City of Colton – Agua Mansa Power Plant (Permit No. D1002-6)

City of Colton - Agua Mansa Power Plant (Agua Mansa) operates a facility which produces electrical energy for customers in the City of Colton. The plant is a “peaking” plant which means the electrical energy produced is used to supplement other sources within the area during peak loading times only. Wastewater

is produced by the following industrial processes within the facility: Reverse Osmosis, water filtration, and spray mist cooling water. The process waste stream includes the following pretreatment system and processes to remove regulated waste prior to discharge to the Brine Line: reverse osmosis; gravity interceptor, and water filtration equipment.

On April 8, 2025, Valley District identified that Agua Mansa failed to perform an analysis of wastewater samples for the pollutant parameters indicated in Section VI at the indicated monitoring point and at the indicated monitoring frequency per Section VII of Permit D1002-6, respectively. Valley District also identified that Agua Mansa failed to notify the Control Authorities of a significant change in operations per Section X of Permit D1002-6. Furthermore, Agua Mansa failed to submit compliance reports containing the required information and be submitted on a quarterly basis per Section IX of Permit D1002-6. It is anticipated that enforcement for these violations shall be issued in July 2025. Valley District shall continue to conduct unannounced inspections and wastewater monitoring at Agua Mansa ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

7.4.2.7 Santa Ana Watershed Project Authority (SAWPA)

Description of SAWPA

SAWPA is a Joint Powers Authority, 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: 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, 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 Actions

There was no enforcement action during this reporting period.

7.4.2.7.1 SAWPA Waste Hauler 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.

Existing Permits – Permitted Waste Haulers

- **Alpha Petroleum Transport, Inc. II (Permit No. H1126-4.3)**
22740 Temescal Canyon Road, Corona, CA 92883
- **Environmental Management Technologies, Inc. (Permit No. H1025-5)**
1456 S. Gage Street, San Bernardino, CA 92408
- **Haz Mat Trans, Inc. (Permit No. H1033-5)**
230 E. Dumas Street, San Bernardino, CA 92408
- **Inland Water Services (Permit No. H1066-5)**
939 West Reece Street, San Bernardino, CA 92411
- **K-VAC Environmental Services, Inc. (Permit No. H1049-5)**
8910 Rochester Avenue, Rancho Cucamonga, CA 91730
- **SB Industrial Vacuum Services Inc. (Permit No. H1135-1)**
10656 Jaggery Street, Fontana, CA, 92337

- **Triumvirate Environmental Services, Inc. (Permit No. H1132-2)**
10600 S Painter Ave, Santa Fe Springs, CA, 90670
- **Western Environmental Services, Inc. (Permit No. H1098-5)**
400 W. Foothill Blvd., Suite H, Glendora, CA 91740

Enforcement Action

There was no enforcement action during this reporting period.

7.4.2.8 Western Municipal Water District (Western Water)

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 (Reach IVD, Reach IVB and Reach V). 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 the growing western Riverside County. Western Water's service area covers 527 square miles, serving a population of approximately 1 million people. Western Water serves 10 wholesale customers with imported water via the Colorado River and the State Water Project. Western Water 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. The Western Water 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

Anita B. Smith Treatment Facility (Permit No. D1074-6)

The Anita B. Smith Treatment Facility (RCSD) operates a facility which treats groundwater utilizing an ion-exchange system. Wastewater is produced by the following industrial processes within the facility: Brine water from the ion-exchange regeneration process.

On July 16, 2024, a Notice of Violation and Order for Corrective Action (NOV/OCA) was issued for failure to perform semi-annual self-monitoring. On July 10, 2024, it was determined that the semi-annual monitoring required for the January 1 to June 30, 2024, sampling period had not been performed. The OCA required the make-up annual sampling to be conducted within ten days, and the Self-Monitoring Report (SMR) submitted to Western Water no later than August 15, 2024. The OCA also required submission of a Corrective Action Plan within ten days of receipt that identified the reason for the missed sampling, the steps to prevent recurrence, and proof of correspondence with the contracted laboratory showing the scheduled SMR sampling event for FY 24/25. On July 26, 2024, a Corrective Action Plan was submitted and accepted by Western Water. The plan stated that an investigation was conducted considering procedural gaps, inadequate training, and human error. To prevent recurrence, Western Water developed a Standard Operating Procedure with a checklist of compliance procedures and signature fields for all required personnel. This procedure was used for the July 18, 2024, make-up sampling. On August 16, 2024, the required SMR was submitted. The flow reports contained errors, and the recipient was notified of the errors and began making corrections for re-submittal as of August 21, 2024. Corrected flow reports were submitted on August 22, 2024. As of September 12, 2024, the revised SMR with corrected sample dates had not been submitted and Western Water provided a reminder of this requirement. On September 30, 2024, the revised SMR was submitted and accepted by Western Water. The enforcement action was closed on October 7, 2024. Western Water shall continue to conduct unannounced inspections and wastewater monitoring at RCSD to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

Prudential Overall Supply (Permit No. I1062-5)

Prudential Overall Supply (Prudential) owns and operates an industrial laundry, which supplies and launders uniforms, shop towels, floor mops and linens. Wastewater, approved for Brine Line discharge, is produced by the following industrial process within the facility: Self-regenerative water softening process.

On July 16, 2024, Western Water issued a Notice of Violation and Order for Corrective Action (NOV/OCA) for the failure to perform self-monitoring. On July 7, 2024, Western Water did not receive the fiscal year 2023/2024 annual self-monitoring report (SMR) from Prudential. Upon investigation of the matter, it was discovered that Prudential did not schedule the annual sampling event as required. The NOV/OCA required Prudential to collect the sample within 10 days from the date of the NOV/OCA and submit the SMR no later than August 15, 2024. Additionally, Prudential was required to submit a Corrective Action Plan that provides evidence of scheduling the required annual sampling event for fiscal year 2024/2025 no later than July 26, 2024. On July 30, 2024, the required make-up SMR and the Corrective Action Plan were submitted and accepted by Western Water. The plan stated that the missed sampling was due to a misinterpretation of the permit, where the requirement to submit the report by July 1 was mistaken as a requirement to collect the sample after that date. To prevent recurrence, annual sampling has been scheduled with the contracted laboratory and reminders have been set in the CMMS system to prompt timely action. Enforcement closed on August 14, 2024. Western Water shall continue to conduct unannounced inspections and wastewater monitoring at Prudential to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

Wellington Foods, Inc. (Permit No. D1086-6)

Wellington Foods, Inc. (Wellington) owns and operates a facility that produces and packages a variety of liquid and powdered nutritional supplements for the nutritional supplement industry as well as Over the Counter (OTC) pharmaceuticals. Wastewater is produced by the following industrial processes within the facility: Nutritional supplement & OTC pharmaceutical production, equipment and floor wash down, clean-in-place (CIP) discharges, boiler blowdown, non-contact cooling water discharge, and reverse osmosis concentrate. Process wastewater generated at the facility undergoes pretreatment before discharge to the Brine Line. All sources of the aforementioned wastewater are comingled and sent to the Pretreatment system before discharging through Monitoring Point 001. The pretreatment system includes a 1,200-gallon below-ground clarifier sump, a 7,500-gallon above-ground equalization tank, and a 2,000-gallon neutralization tank with a pH meter (pH 1) for automatic pH adjustment using caustic soda or sulfuric acid. A second pH meter (pH 2) controls an automated valve to divert flow back to the sump if pH is outside setpoints. Wastewater then passes through a slant screen, followed by a final pH meter (pH 3) that records effluent pH prior to Monitoring Point 001.

On October 28, 2024, a Notice of Violation and Order for Corrective Action (NOV/OCA) was issued for permit limit exceedance and failure to implement required actions. On October 24, 2024, during a routine inspection, the effluent pH meter reading was observed to be below the permitted lower limit of 6.0 Standard Units (S.U.), with readings dropping from 5.99 S.U. to 5.95 S.U. within four minutes before the Wastewater System Operator halted flow. The pH2 meter, used for neutralizing pH in the CIP tank, displayed 0.00 S.U., indicating it was offline or faulty. Inspection revealed damaged wiring and the probe disconnected from the PLC system. The pH recirculation valve and alarm were not activated to prevent the violation. The OCA required submission of a Corrective Action Plan no later than November 6, 2024, and continuous effluent flow and pH records in one-minute increments from September 25 to October 25, 2024, by November 15, 2024. The Corrective Action Plan was submitted on November 5, 2024, and accepted by Western Water. The plan stated that pH2 was repositioned closer to the live discharge stream to improve real-time monitoring accuracy. Damaged wiring on pH3 was repaired and the probe was recalibrated before being placed back in service. Staff were retrained on proper handling of pH probes during cleaning and verification. Additional measures included regular inspections of all pH probes, daily preventative maintenance with cable checks and cleaning, and continuous monitoring with minute-by-minute pH readings reviewed daily for anomalies. Flow records were submitted on November 11, 2024, but did not include pH readings and were recorded in 15-minute increments. Additional flow and pH records from October 31 to November 11, 2024, were later submitted in one-minute increments. Review of these records

identified additional pH violations, with readings falling as low as 5.95 S.U. on November 5, 2024, and 5.89 S.U. on November 6, 2024. On November 21, 2024, a second NOV/OCA was issued for these additional pH violations. The OCA required submission of a Corrective Action Report (CAR) no later than December 2, 2024, and attendance at a Violation Meeting with Western Water and SAWPA on December 9, 2024. The required CAR was submitted on December 2, 2024, and accepted by Western Water. A revised CAR, addressing edits identified during the Violation Meeting, was submitted on December 23, 2024. The enforcement action was closed on December 31, 2024. Western Water shall continue to conduct unannounced inspections and wastewater monitoring at Wellington to ensure consistent compliance with permit requirements and SAWPA Ordinance No. 8.

7.4.2.9 Yucaipa Valley Water District (YVWD)

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. Currently there are no permitted users within the YVWD service area. YVWD was formed on September 14, 1971, when the Secretary of 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. The demineralization process involves a reverse osmosis system that separates small molecules from the recycled water supply. In 2012, the YVWD completed the extension of the Inland Empire Brine Line operated by the Santa Ana Watershed Project Authority. The brine disposal facility is critical to insure the YVWD meets the stringent 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 2016, in accordance with SAWPA policies and procedures.

Enforcement Action

There was no enforcement action during this reporting period.

7.4.3 Self-Monitoring Program

A self-monitoring program is required of permittees discharging to the Brine Line. The self-monitoring reports (SMRs) are delivered to the applicable agency for review and action if required. The SMR water quality data is included in the SAWPA Data Management System.

7.4.4 Field Inspection, Sampling, and Monitoring QA/QC

SAWPA conducts sampling QA/QC in accordance with EPA requirements including equipment blanks and field blanks. Analysis of the QA/QC data indicated samples collected were representative and free of contamination.

7.4.5 Identification of New Permittees

SAWPA requires a wastewater discharge permit for all facilities with discharge to the Brine Line, except for certain areas in the JCSD and Western Water service areas, therefore new permittees are identified upon their completion of a wastewater discharge permit application. Most new companies identified by SAWPA or upstream agencies in areas upstream of emergency connections are discovered by field inspectors responding to completed industrial user surveys that indicate an inspection is warranted or during inspections of previously unoccupied warehouse and facility spaces. Facilities identified upstream of

emergency connections requiring a permit are responded to by the upstream agency with oversight by SAWPA. These permitted facilities are listed in the corresponding agency's Annual Reports.

City of Beaumont (Beaumont)

In the Beaumont service area upstream of the City of Beaumont wastewater treatment plant, Beaumont checks various sources for companies that may be subject to Federal Categorical Standards or local limits. Wastewater permits are issued by Beaumont as required. Beaumont obtains new business information from the following:

- The building department and business license process
- Industrial User Survey (IUS) questionnaires are completed by new water/sewer customers, the IUS is verified by site inspections
- Industry, trade, or association magazines
- Internet searches and field observations
- New construction/tenant improvement – plan checks.

Eastern Municipal Water District (EMWD)

In the EMWD service area all new proposed connections or proposed new indirect dischargers must complete a permit application that is thoroughly reviewed by EMWD and SAWPA prior to developing a permit. The draft permit is then reviewed and commented on by SAWPA and OC San before issuing a final permit.

Inland Empire Utilities Agency (JCSD)

In the IEUA service area, IEUA collaborates with the City of Chino to identify industries that may be subject to Federal Categorical Standards or local limits. No industries are allowed to connect to the Brine Line until they have entered into a capacity right agreement with IEUA and have obtained a wastewater discharge permit issued by IEUA and SAWPA as required. IEUA in partnership with the City of Chino obtains new business information from the following:

- City business licensing departments
- Industrial User Survey questionnaires and internet searches
- City utility service requests
- City referrals during stormwater and collection system crew inspections
- City referrals from code enforcement department

Most new companies that could potentially connect to the Brine Line are identified by IEUA field inspectors while out inspecting current permittees and when following up on tips provided by the City of Chino Source Control Division.

Jurupa Community Services District (JCSD)

In the JCSD service area, SAWPA checks various sources for companies that may be subject to Federal Categorical Standards or local limits. Wastewater permits are issued by SAWPA and JCSD as required. SAWPA or JCSD obtains new business information from the following:

- The building department and business license process
- Industrial User Survey (IUS) questionnaires are completed by new water/sewer customers, the IUS is verified by site inspections

- Agency utility service requests and high-water users are inspected for wastewater generating activities
- Industry, trade, or association magazines
- Internet searches & field observations
- New construction/tenant improvement – plan checks

JCSD will conduct regular inspections of all customers connected to the Inland Empire Brine Line (Brine Line) to verify the type of wastewater generated at their location. In addition, any closed-circuit TV (CCTV) revealing a possible illegal connection will be investigated. The majority of new companies identified by SAWPA or upstream agencies in these scenarios are discovered by field inspectors responding to completed industrial user surveys that indicate an inspection is warranted or during inspections of previously unoccupied warehouse and facility spaces. A priority determination is assigned as follows: High Priority – any non-permitted facility generating industrial wastewater is inspected and monitored annually for local limits, Medium Priority – any dry manufacturing facility is inspected every 2 years unless changes to manufacturing and Low Priority – warehouse/commercial business is inspected every 5 years. Facilities identified in the JCSD service area requiring a permit is reviewed by SAWPA with final permit concurrence by OC San. Facilities identified upstream of emergency connections in other jurisdictions requiring a permit are reviewed by the upstream agency with oversight by SAWPA.

San Bernardino Municipal Water Department (SBMWD)

In the SBMWD service area all new proposed connections or proposed new indirect dischargers must complete a permit application that is thoroughly reviewed by SBMWD and SAWPA prior to developing a permit. The draft permit is then reviewed and commented on by SAWPA and OC San before issuing a final permit.

San Bernardino Valley Municipal Water District (Valley District)

In the Valley District service area, all new proposed connections must complete a permit application that is thoroughly reviewed by Valley District and SAWPA prior to developing a permit. The draft permit is then reviewed and commented on by SAWPA and OC San before issuing a final permit.

Western Municipal Water District (Western Water)

In the Western Water service area, except for the areas upstream of the City of Corona Water Reclamation Facility (WRF) No. 1 and the Western Riverside County Regional Wastewater Authority (WRCRWA) South Regional Pump Station (SRPS), all new proposed connections or proposed new indirect dischargers must complete a permit application that is thoroughly reviewed by Western Water and SAWPA prior to developing a permit. The draft permit is then reviewed and commented on by SAWPA and OC San before issuing a final permit. For the Corona WRF No. 1 emergency discharge connection, Western Water directs the City of Corona, with oversight by SAWPA, through their industrial wastewater survey process. The City of Corona is alerted of any new business moving into its jurisdiction through the building department and business license process. New businesses are given a pretreatment questionnaire, which is returned to the City's Source Control Department and reviewed. Source Control personnel visit the site to verify the information submitted in the questionnaire.

In the Western Water service area with the potential to discharge to the Brine Line in an emergency condition from the WRCRWA SRPS, WRCRWA checks for various sources for companies that may be subject to Federal Categorical Standards or local limits. Wastewater permits are issued by WRCRWA agencies as required. WRCRWA obtains new business information from the following:

- The building department and business license process
- Industrial User Survey (IUS) questionnaires completed by new water/sewer customers, with verification by site inspections

- Agency utility service requests and high-water users are inspected for wastewater generating activities
- Industry, trade, or association magazines
- Internet searches & field observations
- New construction/tenant improvement – plan checks

Yucaipa Valley Water District (YVWD)

In the YVWD service area upstream of the Henry Wochholz Regional Water Recycling Facility, YVWD checks various sources for companies that may be subject to Federal Categorical Standards or local limits. Wastewater permits are issued by YVWD as required. YVWD obtains new business information from the following:

- The building department and business license process
- Industrial User Survey (IUS) questionnaires completed by new water/sewer customers, with verification by site inspections
- Agency utility service requests and high-water users are inspected for wastewater generating activities
- Industry, trade, or association magazines
- Internet searches & field observations
- New construction/tenant improvement – Plan Checks

7.4.6 Future Projects That Will Affect Quantity of Discharge to the Brine Line

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 treatment 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 it 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. OC San had initially concurred on a permit, however suspended concurrence, on a following draft permit submitted after Rohr had voluntarily chosen to install treatment for PFAS. SAWPA and Western Water requested additional information from Rohr before moving forward with any future permit for this facility. However, during this time Rohr made arrangements to discharge to an alternative site and has not continued to pursue a permit to discharge to the Brine Line. As such SAWPA and Western Water have ceased work on a draft permit for this facility.

Western Riverside County Regional Wastewater Authority (WRCRWA) South Regional Pump Station (SRPS) located at 671 N. Lincoln Avenue, Corona, CA 92880 pumps approximately 3.0 MGD of predominately domestic sewage with some light commercial dischargers to WRCRWA's Treatment Plant located at 14634 River Road, Corona, CA 92880. This facility was previously allowed to discharge during unplanned events to the Brine Line, however in October of 2020 WRCRWA was notified that additional redundancies must be added to the system to ensure hydraulic control is maintained to prevent unauthorized discharge to the Brine Line. WRCRWA responded on February 2, 2021, providing a conceptual plan for the installation of a standalone backup pump to minimize and/or eliminate the potential for discharges of wastewater into the Brine Line from SRPS during an emergency, or other, event.

On March 13, 2023, SAWPA issued a letter to WRCRWA confirming that SAWPA and OC San had reviewed and accepted WRCRWA's conceptual plan.

WRCRWA issued an RFP for design and construction documents on May 9, 2023. Proposals were received June 5, 2023, and an engineering services contract with Lee + Ro Water Infrastructure Engineers was approved by the WRCRWA Executive Committee on September 14, 2023, and by the Board on September 28, 2023.

A project kick-off meeting was held October 18, 2023, followed by a site visit on October 30, 2023. Staff and consultants evaluated configurations for the bypass pump project, considering alternatives and potential upgrades. Engineers then engaged pump manufacturers to compare costs between one large pump and two smaller pumps, as the original design was not expected to meet system parameters. Supplier meetings were held February 5, 2024, with specifications and quotes received February 23, 2024.

Three alternatives were identified:

- **Alternative 1:** Three Pioneer pumps, requiring two pumps minimum for operation and all three at peak flow, plus a triplex control panel.
- **Alternative 2:** Three Pioneer pumps with a Splitter Box to increase system safety.
- **Alternative 3:** Emergency Generator.

Following review, Alternative 3—the Emergency Generator—was selected as the most cost-effective solution. WRCRWA elected to pre-purchase the generator, pending FEMA approval of a grant amendment. The pre-purchase process was placed on hold until the amendment is approved, which could take up to six months.

In August 2024, the project name was changed from **WRCRWA SRPS Emergency Bypass Pumps** to **WRCRWA SRPS Emergency Bypass Generator**. Staff began pursuing a project extension and additional grant funding to cover increased costs. To expedite progress, the 30% design phase was omitted, and 60% design proceeded. Pre-purchase of the generator was approved at the WRCRWA Committee Meeting on September 12, 2024, and at the Board Meeting on September 26, 2024, though FEMA approval of the funding amendment remained pending.

Final 100% design was completed January 10, 2025. Given long lead times for generator equipment, the consultant recommended against pre-purchase, and WRCRWA determined it necessary to secure FEMA approval for an extension to allow adequate procurement time.

In February 2025, a property line discrepancy was discovered: the fence line and easement shown on project drawings did not match the actual property line. WRCRWA requested a property title and found two SCE easements at the property entrance. The SRPS was originally built under a 1996 encroachment permit (No. 2197) from Riverside County Flood Control and Water Conservation District (RCFC&WCD). RCFC&WCD requested additional details regarding improvements, noting that work outside the original permit scope may require a new permit. A meeting was held March 25, 2025, to review property line issues. Two options are under consideration:

- **Option 1:** Purchase ~3,300 sq ft of RCFC&WCD property at \$25/sq ft (verification of prescriptive rights in progress).
- **Option 2:** License agreement with RCFC&WCD starting at \$7,500 (restrictions and cost verification in progress).

On April 30, 2025, WRCRWA submitted a request to CalOES to extend the project deadline from October 3, 2025, to January 31, 2027. As of this report, WRCRWA continues to work with RCFC&WCD to resolve property line issues, and no response has yet been received from FEMA regarding the grant amendment or scope change. On June 10, 2025, FEMA provided an update regarding the scope and budget modification, stating that the project is currently under review. Since the budget increase exceeds \$1

million, it requires Large Project Notification (LPN) approval from the Office of Management and Budget (OMB), and Congress. FEMA confirmed that it will provide further updates once the LPN approval process is finalized.

It is anticipated that construction will be completed, and the final plan implemented for the SRPS in 2026-2027.

EMWD Perris North Basin Groundwater Program consists of six extraction wells, seven miles of raw water conveyance pipelines, and a centralized treatment plant designed to remove certain constituents for up to 3,500 acre-feet per year of groundwater. The facilities also include a network of 15 monitoring well locations. The treatment consists of greensand filtration, granular activated carbon (GAC), and ion exchange (IX). The centralized treatment facility will collect pumped groundwater from the six extraction wells and process the groundwater through a series of treatment steps to reduce/remove iron, manganese, VOCs (TCE), nitrate, and perchlorate to acceptable concentration levels. The treated water will then be introduced to EMWD's potable water distribution system. The regenerable IX system specifically removes nitrate and perchlorate, and this is the process that produces a brine stream. The selected method for brine disposal is truck hauling to the EMWD Desalination Complex where the brine is transferred to a pipeline lateral that flows into SAWPA's Brine Line. EMWD projects a startup volume of 12,400 gallons per day (gpd) for testing, quickly ramping up to 22,300 gpd when all 6 wells are online; then ultimate capacity of 32,000 gpd if additional well(s) are constructed and additional IX treatment installed in the future (i.e., site capacity). Start up for the treatment facility is currently projected as December 2025 and EMWD submitted a permit application to SAWPA on May 29, 2025, and is currently working with SAWPA to clarify questions and provide additional information.

The YVWD SAGE Project aims to transform the Henry Wochholz Regional Water Recycling Facility by implementing advanced water purification processes. This upgrade includes full advanced treatment with reverse osmosis and ultraviolet advanced oxidation processes, enabling the production of Indirect Potable Reuse water for groundwater recharge. The project will allow the facility to generate water compliant with drinking water standards for injection into groundwater basins, reducing the need for surface water discharge, especially during winter, and contributing to long-term groundwater replenishment. YVWD has purchased an additional 0.505 MGD of capacity to support the project. The completion date for the SAGE Project is not anticipated until December of 2026.

7.4.7 SAWPA Special Projects

SAWPA conducted the following special project efforts during the reporting period:

1. Air/Vac Structure Maintenance – 15 structures cleaned, inspected, and overhauled on Reach V.
2. Air/Vac Structure Maintenance – 15 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 – 8 structures cleaned, inspected, and overhauled on Reach IV-B Lower.
5. Air/Vac Structure Maintenance – 1 structure cleaned, inspected, and overhauled on Reach IV-E.
6. Valve Exercise – Reach V.
7. Graffiti Removal – Reach V.
8. Completed easement road maintenance on Reach IV-A Upper and IV-A Lower.
9. Working on traffic control and permitting for reach 4D MAS inspections.
10. Completed 3,689 dig alert tickets.

Table 7.4 Summary of SAWPA Special Projects, July 1, 2024 – June 30, 2025 Santa Ana Watershed Project Authority Orange County Sanitation District, Resource Protection Division									
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	6 Miles	2.25 Miles	2,304 Feet						831 Feet
Line Inspection	2.69 Miles	2,000 Feet	3 Miles						
Line Cleaning		5,600 Feet	3 Miles						
MAS Inspection	3	23	37	8	10	20	9	20	6
MAS R&R	4		6			2			6
Pot Holing					2	10	3	6	
Frame and Cover R&R	2		4			13			

7.4.8 SAWPA Member and Contract Agency Ordinances and Resolutions

- SAWPA adopted Ordinance No. 8 and Local Limits Resolution 2017-11 on September 19, 2017.
- EMWD adopted EMWD Ordinance No. 91.3, incorporating the changes made for SAWPA Ordinance No. 8 on May 2, 2018.
- IEUA adopted IEUA Ordinance No. 106, incorporating the changes made for SAWPA Ordinance No. 8 on February 21, 2018.
- JCSD adopted the JCSD Brine Line Ordinance 423 on January 8, 2018, incorporating the changes made for SAWPA Ordinance No. 8. JCSD adopted JCSD Brine Line Ordinance 424, incorporating the changes made for SAWPA Resolution 2017-11 on January 22, 2018.
- SBMWD adopted SAWPA Resolution No. 2017-11 with SBMWD Resolution No. 918 on October 17, 2017. SBMWD adopted SAWPA Ordinance No. 8 with SBMWD Resolution No. 919 on October 17, 2017.
- Valley District adopted Valley District Ordinance No. 80, incorporating the changes made for SAWPA Ordinance No. 8 on June 19, 2018.
- Western Water adopted Western Water Brine Line Ordinance No. 389, incorporating the changes made for SAWPA Ordinance No. 8 on March 21, 2018.
- YVWD adopted SAWPA Ordinance No. 8 by Resolution on October 3, 2017. YVWD adopted SAWPA resolution No. 2017-11 by Resolution on February 6, 2018.

7.4.9 Public Participation

None.

7.4.10 Permittees in Significant Noncompliance

Table 7.5 Summary of SAWPA and Member/Contract Agency Permittees in SNC July 1, 2024– June 30, 2025 Sana Ana Watershed Project Authority Orange County Sanitation District, Resource Protection Division		
Company Name	Permit No.	Reporting or Discharge Violation
EMWD Permittees		
None		
IEUA Permittees		
None		
JCSD Permittees		
None		
SBMWD Permittees		
None		
Valley District Permittees		
None		
SAWPA Permittees		
None		
Western Water Permittees		
None		

7.4.10.1 Summary of Permittees in SNC Newspaper Notice

There were no Permittees in Significant Noncompliance.

7.4.11 Non-Industrial Source Control and Public Education Programs

EMWD supports an extensive education program designed to provide useful academic experience at all K-12 grade levels and college internship opportunities. EMWD's Source Control and Governmental Affairs staff educates permittees during routine inspections, community presentations, and events, as well as distribution of educational flyers, newsletters, and social media announcements.

IEUA educates its permittees during site inspections when applicable for typical outreach efforts such as FOG and hazardous waste education. IEUA's Source Control, Collections, and External Affairs staff also work collaboratively with member agencies in the IEUA service area and mutual aid partners regarding FOG, No Drugs Down Drain, and non-flushable wipes.

JCSD's Pretreatment staff coordinates public outreach in cooperation with JCSD's Community Affairs Staff. The public outreach occurs in community newsletters, public outreach events such as JCSD's Open House and Wellness Events, and JCSD's website. Topics include FOG Control, root control, hazardous waste disposal and Sewer System Management Plan components. Information is provided to the dischargers during the permit renewal process and site inspections.

SBMWD maintains a public education program which includes outreach through a variety of communication methods. As part of this education program, SBMWD advises customers about water conservation, common pollutants, and FOG through participation in K-12 classroom presentations, community events, and presentations to partner organizations and community groups. Inspectors provide Best Management Practice (BMP) brochures during site inspections to educate industry and minimize the discharge of pollutants. Additionally, SBMWD shares the information via printed materials including newsletters, annual reports, customer mailers, and handouts. SBMWD also posts these materials digitally on the department website.

Valley District provides public educational information to their customers to encourage the efficient use of water through advertising, classroom instruction, contests, paying 25% of retail water agency rebates, etc. In collaboration with its retail water agencies, iEfficient.com was created, which provides water-saving tips

and information on water issues. Valley District conducts regular Board Meetings which are open to the public on the 1st and 3rd Tuesday of each Month. Valley District also provides public information via their website at <http://www.sbvmd.com/> which includes scheduled events and other opportunities for public participation on a variety of issues.

Western Water provides public educational information to their customers to encourage the efficient use of water through advertising, rebates, programs, and workshops.

7.4.12 Other Public Participation

SAWPA Agency Dental Amalgam Programs

City of Beaumont (Beaumont)

The Beaumont Wastewater Treatment Plant (WWTP) has no direct connections to the Brine Line from dental facilities within their jurisdiction. Beaumont has one permit, issued by SAWPA, for the Beaumont WWTP that discharges Brine Wastewater from a reclamation process for the wastewater treatment plant. For the area that discharges to the Beaumont WWTP, Beaumont identified 14 dental facilities in the service area and 43 similar facilities that do not use amalgam, such as orthodontics facilities. Beaumont has on file Dental Discharger Compliance Reports for 13 of 14 dental facilities, with one pending an onsite inspection. Each facility is inspected annually.

Eastern Municipal Water District (EMWD)

EMWD has no areas of discharge to the Brine Line which have dental facilities.

Inland Empire Utilities Agency (IEUA)

IEUA has one direct connection to the Brine Line from a dental facility within their jurisdiction. The California Institution for Women has two (2) buildings that each have a dental facility that removes amalgam. Each dental facility has (3) chairs, and each has an amalgam separator. A One Time Compliance Report (OTCR) submitted by CIW has been accepted by IEUA. In the event an emergency discharge event occurs, which requires IEUA to request authorization to discharge to the Brine Line through a Letter to Discharge, the wastewater would include discharge from dental industrial users which normally discharge to the IEUA regional plants. IEUA has completed the inventory of dentists that discharge from this area which includes portions of the cities of Chino and Chino Hills. IEUA has sent the OTCR survey to these dental facilities. A second and third round of the OTCR surveys were sent to non-respondents in November 2019 and February 2020, respectively. IEUA placed phone calls to remaining non-respondent dental facilities during August and September 2020. IEUA sent another round of OTCR surveys to non-respondent dental facilities in October 2020. IEUA and their member cities reached out to the non-respondent dental facilities in June 2021. Since June of 2022, IEUA received one (1) OTCR report from new dental facilities and confirmed closure of five (5) facilities within the cities of Chino and Chino Hills. To date 100% of the OTCR surveys have been received from dental facilities identified within the cities of Chino and Chino Hills.

Jurupa Community Services District (JCSD)

JCSD has no dental facilities from the areas with direct connections to the Brine Line. In the event an emergency discharge event occurs, which requires JCSD to request authorization to discharge to the Brine Line through a Letter to Discharge, the wastewater would include discharge from dental industrial users which normally discharge to the WRCRWA or City of Riverside Treatment Plants. JCSD has issued surveys to all dental facilities that discharge within the service areas that require a letter to discharge to the Brine Line. All open facilities have submitted their one-time compliance report (OTCR) and have been inspected to verify compliance.

San Bernardino Municipal Water Department (SBMWD)

There are no dental facilities within the SBMWD service area which have a direct connection to the Brine Line. In the event an emergency discharge event occurs, which requires the SBMWD to request authorization to discharge to the Brine Line through a Letter to Discharge, the wastewater would include

discharge from dental industrial users which normally discharge to the SBMWD Water Reclamation Plant. The SBMWD Environmental Control Section has actively implemented a Dental Amalgam Program beginning in 2016 with 155 dental facilities identified within the service area. All the facilities have been inspected with one hundred and fifteen (115) dental industrial users submitting the required compliance report and the remaining forty (40) facilities determined to have either ceased operations or have not been classified as dental industrial users (i.e., dental imaging only, veterinarian clinics, orthodontics only). In 2021, SBMWD Environmental Control conducted inspections which identified one hundred and two (102) active dental facilities with the required compliance reports on file and fifty-three (53) facilities determined to have ceased operations or are not classified as dental industrial users.

San Bernardino Valley Municipal Water District (Valley District)

Valley District has no areas of discharge to the Brine Line which have dental facilities.

Western Municipal Water District (Western Water)

Western Water has no direct connections from dental facilities within their jurisdiction. In the event an emergency discharge event occurs, which requires Western Water to request authorization to discharge to the Brine Line through a Letter to Discharge, the wastewater would include discharge from dental industrial users which normally discharge from the following service areas:

- **City of Corona WRF No. 1.**
- Corona continues ongoing monitoring via a new business license list reviewed monthly and plan check as needed. There are a total of 43 facilities that are being inspected annually and all dental offices are monitored to ensure proper documentation is submitted. **WRCRWA SRPS**

WRCRWA has four agency jurisdictions that discharge to the WRCRWA SRPS: Western Water, Home Gardens, City of Norco, and City of Corona.

- The Western Water area is residential, and no dental facilities have been identified.
- Home Gardens has issued surveys to all dental facilities that discharge to the WRCRWA SRPS from within their jurisdiction. All dental facilities have been surveyed and have been made aware of the dental amalgam rule. Currently, no dental offices within Home Gardens use Amalgam.
- The City of Norco continues to identify and monitor all of the dental facilities that discharge to the WRCRWA SRPS from within their jurisdiction, and issues surveys to these facilities regarding dental amalgam usage. At this time, twenty facilities operate in the City with completed surveys, all of which affirm dental amalgam is removed or separated and not discharged to wastewater streams. Of the 19 facilities described last year, one has changed its name, and a previously closed facility has reopened under new ownership, bringing the total number of dental offices in Norco to 20. The City of Norco reviews new dental office openings for survey recipients as part of the business licensing process.
- The City of Corona continues ongoing monitoring via a new business license list reviewed monthly and plan check as needed. There is a total of 43 facilities that are being inspected annually, and all dental offices are monitored to ensure proper documentation is submitted.

Yucaipa Valley Water District (YVWD)

YVWD has no direct connections from dental facilities within their jurisdiction. YVWD has one permit, issued by SAWPA, for the Henry Wochholz Water Reclamation Facility that discharges Brine Wastewater from a reclamation process for the wastewater treatment plant. For the area that discharges to the YVWD Henry Wochholz Water Reclamation Facility YVWD has received all the surveys back.

7.4.13 Changes to the SAWPA Pretreatment Program

SAWPA has continued to refine a new Pretreatment Program developed in 2013. SAWPA staff consists of a Manager of Permitting and Pretreatment, a Senior Pretreatment Program Specialist, with an additional 0.7 full-time equivalent consisting of other SAWPA personnel. SAWPA oversees the Brine Line program with assistance from Pretreatment Program managers, senior management, and inspectors from the Member and Contract Agencies. A full description of personnel available to the Brine Line program is detailed in 7.4.14.

Two working groups made up of 1) Pretreatment Program managers; and 2) managers and senior management met during the year to coordinate the work of the Pretreatment Program team. Working group meetings are utilized to review Brine Line procedures, discuss upcoming pretreatment issues, and provide training on various topics related to the program. SAWPA continued an Inter-Agency training program to promote the continued growth of all agency inspectors. Inspectors from each agency accompany a different agency on an inspection each quarter to observe inspection practices, but also see new types of facilities, broadening each inspector's experience.

SAWPA conducted the Semi-Annual Brine Line Audit with the distributed pretreatment program administered by the SAWPA Agency staff. SAWPA compiled the individual agency audit reports and issued these to each Agency in April of 2024. During these audits SAWPA personnel ensure agencies were performing inspection, monitoring, permitting, and enforcement activities in line with the SAWPA policies and procedures. SAWPA personnel reviewed documentation for completeness, accuracy, and adherence to SAWPA policies and consistency between agency programs. SAWPA observed no major findings at any of the member or Contract Agencies.

SAWPA Draft Pretreatment Program Control Documents Submittal

SAWPA Submitted draft updates to the Pretreatment Program Control Documents (PPCDs), also known as the SAWPA Policy and Procedures, for OC San's review on April 2, 2018. These documents have been updated to incorporate OC San's outstanding comments from their 2013 review of the PPCDs, to incorporate changes due to SAWPA Ordinance No. 8 and Local Limits Resolution 2017-11, as well as to incorporate any program changes SAWPA has made since 2013. SAWPA also engaged OC San regarding a potential Stormwater Policy based on the OC San Business Washpad Rule. SAWPA's intent was to employ the Policy requiring a SOP for facilities that had potential to discharge stormwater as outlined in the draft Policy. SAWPA has previously shared the draft Stormwater Policy with OC San. SAWPA understands that OC San wished to withhold any potential concurrence on this document until a template SOP for the Stormwater Policy could be reviewed. These documents were submitted alongside the Draft Pretreatment Program Control Documents submittal on April 2, 2018. In a letter dated February 15, 2019, OC San responded to the April 2, 2018, Draft Pretreatment Program Control Documents submittal with submittal review comments. SAWPA and OC San have met to review these comments in more detail however it was agreed that work on the PPCDs should wait until completion of Ordinance No. 9.

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. The proposed updates include a new prohibition on hydrolysate, a new prohibition on discharge via non-domestic surface or floor drains, and clarification of existing language for facility reports of changed conditions and notifications for sale of change of ownership. Additionally, SAWPA has proposed additional revisions to update the definition of an Industrial User to standardize it with the OC San definition. Furthermore, SAWPA has proposed creation of a new classification of Non-Industrial User for Brine Line dischargers that do not meet the definition of an Industrial User. SAWPA has also created a new authorization process, a Connection Authorization, that will allow greater flexibility in managing infrequent discharges to the Brine Line. SAWPA submitted the most recent draft of Ordinance No. 9 to OC San on November 6, 2020, and have been working collaboratively with OC San throughout the years to further refine this revision.

7.4.14 Pretreatment Program Budget

Staffing – EMWD

As of June 30, 2025, the Pretreatment Program staff consists of 1 manager, 1 senior analyst, 1 analyst, 2 senior inspectors, and 5 field inspectors, for a total of 10 staff members. The total estimated budget for Brine Line FY 2024/25 was \$434,636.

Staffing – IEUA

As of June 30, 2025, the Pretreatment Program staff consists of 1 manager, 1 engineer, 4 field inspectors, 1 planner, 1 supervisor, and 1 administrative support personnel for a total of 9 staff members. The total estimated budget for FY 2024/25 was \$518,000. This represents the total estimated budget dedicated to Brine Line activities.

Staffing – JCSD

As of June 30, 2025, the Pretreatment Program staff consists of 1 supervisor, and 2 field inspectors for a total of 3 staff members. The JCSD Pretreatment Budget for FY 2024/25 was \$326,683 for the Brine Line Service Area. The Agency does not differentiate within its budget between Brine Line and non-Brine Line activities.

Staffing – SBMWD

As of June 30, 2025, the Pretreatment Program staff consists of 1 supervisor, 1 lead inspector, 2 inspectors, 1 collection station operator, and 1 administrative support personnel for a total of 6 staff members. Total budget for the entire Pretreatment Program including the brine program for FY 2024/25 for staff and equipment was \$1,051,284. The Agency does not differentiate within its budget between Brine Line and non-Brine Line activities.

Staffing – Valley District

As of June 30, 2025, the Pretreatment Program staff consists of 1 manager, and 2 consultant provided personnel for a total of 3 staff members. The consulting budget for FY 2024/25 was \$85,236, which includes the sampling and monitoring costs. Valley District management time is estimated at approximately 15% of the program implementation budget, or \$12,785. The Agency does not track time to differentiate between Brine Line and non-Brine Line activities. Total cost for FY 2024/25 was approximately \$99,577.

Staffing SAWPA

As of June 30, 2025, the Pretreatment Program staff consists of 1 manager, and 1 senior specialist. An additional 0.7 FTE is contributed by 1 engineer, and 4 technical support personnel. The actual Brine Line Pretreatment Program activity expenditures for FY 2024/25 were \$1,132,662.

Staffing – Western Water

As of June 30, 2025, the Pretreatment Program staff consists of 1 manager and 2 specialists for a total of 3 staff members. The estimated budget for FY 2024/25 was \$330,000 (this figure does not include sampling costs, which are assigned to the customer as a pass-through charge). The Agency does not differentiate within its budget between Brine Line and non-Brine Line activities.

7.4.15 Equipment Inventory Listing

The Summary of Pretreatment Equipment used by and available to SAWPA in Pretreatment Activities, such as field inspection and sampling activities, is provided in the following table. The quantities listed in each Member and Contract Agency column below represent the total resources available for Brine Line activities. The Member and Contract Agencies do not track time to differentiate between Brine Line and non-Brine Line activities or resource allocations. A summary of the pretreatment equipment used by the dischargers is shown in Appendix H titled “SAWPA Pretreatment Program Permittees with Pretreatment Equipment.”

Table 7.6 Santa Ana Watershed Project Authority – Summary of Pretreatment Equipment for Fiscal Year 2024/25 Santa Ana Watershed Project Authority Orange County Sanitation District						
Equipment Description	Quantity					
	EMWD	IEUA	JCSD	SBMWD	SAWPA	Western Water
Vehicles	7	4	2	3	2	2
Automated Samplers	12	18	14	15	8	12
Handheld Portable Samplers	-	-	-	5	1	-
Sampler Batteries	22	42	10	19	10	5
Sampler Battery Chargers	17	18	2	4	1	2
Sampler Battery Power Packs	3	1	1	-	1	1
Portable Area/Velocity Flow Meters	19	5	5	-	-	-
Gas Meters/Detectors with Pumps	6	4	2	3	1	2
Laboratory Dishwashers	-	1	1	-	-	-
Ice Machines	4	1	1	2	1	3
Portable pH Meters	7	8	8	7	1	2
Sulfide Test Kits	1	6	1	6	1	2
SONDE Trunk Line Monitoring Devices	-	3	-	-	-	-
Laptop Computers	6	9	3	4	2	3
Continuous H ₂ S Trunkline Monitoring Devices	-	10	-	-	-	-
Spill Response Kits	-	5	1	3	1	1

7.4.16 SAWPA Pretreatment Program Training

SAWPA, Beaumont, EMWD, IEUA, JCSD, SBMWD, Valley District, Western Water and YVWD staff attended training classes and workshops presented by the California Water Environment Association (CWEA), including the Annual Conference, P3S conference, and Tri-State Seminar meetings.

Interagency training was conducted each quarter throughout the 2024/25 fiscal year to promote the continued growth of all agency inspectors. Inspectors from each agency accompany a different agency on an inspection each quarter to observe inspection practices, but also see new types of facilities, broadening each inspector's experience.

Additional training was conducted throughout the 2024/25 fiscal year by SAWPA for member/Contract Agencies. The following training classes were conducted with all SAWPA agencies represented:

- Inspector Cross-Training Program – Throughout FY 2024/2025
- Rejected Load Training – July 18, 2024
- Brine Line History Training – November 21, 2024
- iPACS Permit Module Refresher Training – December 19, 2024
- JCSD Database Management System Demonstration – January 16, 2025

Chapter 8. Solids Management Program

8.1 Introduction

This section provides an overview of OC San's Biosolids Program, focusing on biosolids quality with respect to metals. Biosolids are nutrient-rich, treated organic matter recovered through the treatment of wastewater. These solids are considered a resource because of their nutrient and energy values, and they are recyclable in part because of their low metal content. The pretreatment program is a key element in ensuring the recyclability of OC San's biosolids by minimizing the discharge of heavy metals and other undesirable constituents into the collection system and ultimately the treated solids, which are often used to fertilize farms.

OC San's annual biosolids compliance report was completed, submitted to regulators, and posted online in February 2025. Visit www.ocsan.gov/503 to access the most recent document that contains Biosolids Program information, regulations, quantities, policies, guiding principles, and how and where biosolids are recycled.

8.2 Biosolids Quality

Biosolids quality plays an important role in ensuring the continued recyclability of OC San's biosolids. OC San's pretreatment program has been extremely effective in reducing and maintaining levels of pollutants. The monthly average concentration limits promulgated by the US EPA's biosolids regulations (40 CFR 503) are presented in Figure 8-1 through Figure 8-10 as a reference. For FY 2024/25, OC San biosolids met regulatory limits for all parameters as shown in Table 8.1.

Table 8.1 Trends in Trace Metal Content of Biosolids, Fiscal Years 2012/13-2024/25, in Milligrams per Dry Kilogram Orange County Sanitation District								
Metal	FY	EQ Limit	Plant 1			Plant 2		
			Min	Max	Avg	Min	Max	Avg
Arsenic	2012-13	41	0	7.8	4.7	2.0	10	7.0
	2013-14*		3.5	9.5	5.8	5.4	11	8.4
	2014-15		4.5	11	7.2	7.8	12	9.3
	2015-16*		6.3	12	8.3	6.2	12	9.2
	2016-17*		6.7	12	8.1	5.6	12	8.6
	2017-18*		7.2	16	9.9	7.9	16	11
	2018-19*		7.3	24	16	9.4	24	18
	2019-20*		1.3	8.8	5.4	1.3	12	5.5
	2020-21*		1.3	14	8.9	1.2	19	12
	2021-22		7.3	10.5	8.6	9.8	13.5	11
	2022-23		7.1	10	8.8	8.2	14	11
	2023-24		5.4	10	6.9	5.2	12	8.2
	2024-25*		5.4	12	7.3	5.2	12	8.7
Cadmium	2012-13	39	2.6	7.8	4.7	1.9	4.4	3.1
	2013-14*		1.6	11	3.9	2.1	6.0	3.5
	2014-15		2.7	7.8	5.1	3.1	5.8	4.0
	2015-16*		1.3	4.7	2.5	2.0	4.5	3.0
	2016-17		2.6	3.1	2.3	2.0	3.8	3.0
	2017-18*		1.7	4.4	3.0	2.5	7.7	5.1
	2018-19*		1.2	3.0	1.6	2.7	8.4	4.2
	2019-20*		1.3	2.7	1.9	2.2	8.4	3.3
	2020-21*		0.9	1.6	1.3	1.6	2.5	2.0
	2021-22		0.6	1.5	1.1	1.1	1.4	1.3
	2022-23		0.7	4.6	1.9	0.6	4.9	1.7

Table 8.1 Trends in Trace Metal Content of Biosolids, Fiscal Years 2012/13-2024/25, in Milligrams per Dry Kilogram Orange County Sanitation District								
Metal	FY	EQ Limit	Plant 1			Plant 2		
			Min	Max	Avg	Min	Max	Avg
	2023-24		0.7	5.6	3.4	0.66	4.5	2.5
	2024-25*		1.9	13	4.4	1.5	4.4	2.8

Table 8.1 Trends in Trace Metal Content of Biosolids, Fiscal Years 2012/13-2024/25, in Milligrams per Dry Kilogram Orange County Sanitation District								
Metal	FY	EQ Limit	Plant 1			Plant 2		
			Min	Max	Avg	Min	Max	Avg
Chromium	2012-13	**	42	56	49	42	59	49
	2013-14		39	52	45	40	53	46
	2014-15		30	51	40	34	70	46
	2015-16		31	89	46	28	60	46
	2016-17		30	89	49	29	67	46
	2017-18		27	38	34	38	54	44
	2018-19		29	58	39	32	53	45
	2019-20		37	51	45	35	49	42
	2020-21		43	54	48	42	65	51
	2021-22		34	49	41	41	52	45
	2022-23		34	42	37	34	51	42
	2023-24		25	51	38	24	60	44
	2024-25		30	41	35	33	48	42
Copper	2012-13	1,500	480	640	540	500	640	540
	2013-14		460	540	510	470	540	500
	2014-15		320	570	470	320	560	470
	2015-16		380	560	460	340	570	480
	2016-17		400	560	460	340	570	490
	2017-18		320	500	420	380	590	460
	2018-19		355	600	470	335	665	510
	2019-20		440	600	530	410	590	490
	2020-21		470	660	530	420	520	460
	2021-22		425	550	490	320	440	370
	2022-23		385	500	450	305	375	340
	2023-24		220	480	400	230	410	320
	2024-25		410	510	460	340	440	380
Lead	2012-13	300	7.5	19	15	7.5	17	14
	2013-14*		13	18	14	13	17	14
	2014-15*		8.7	15	13	9.0	17	13
	2015-16*		8.3	20	12	8.0	17	13
	2016-17*		7.9	20	11	7.5	17	12
	2017-18*		8.9	19	12	10	16	13
	2018-19		9.9	15	12	10	15	13
	2019-20		9.8	14	12	14	24	17
	2020-21		2.2	15	6.8	2.7	18	7.5
	2021-22		4.9	8.1	6.2	2.7	7.4	4.6
	2022-23		2.7	11	6.4	0.8	11	4.7
	2023-24		1.6	16	11	1.6	13	10
	2024-25*		6.3	16	9.4	5.0	18	9.2
Mercury	2012-13	17	0.7	4.1	1.5	0.8	3.8	1.4
	2013-14		0.8	1.2	1.0	0.7	2.8	1.4
	2014-15		1.0	1.5	1.1	1.0	1.5	1.0
	2015-16		0.6	1.7	0.9	0.6	1.2	1.0
	2016-17		0.5	1.7	0.9	0.7	1.2	0.9
	2017-18		0.7	1.1	0.9	0.3	1.1	0.8
	2018-19		0.6	1.1	0.9	0.6	1.0	0.8
	2019-20		0.5	1.2	0.8	0.5	0.8	0.6

Table 8.1 Trends in Trace Metal Content of Biosolids, Fiscal Years 2012/13-2024/25, in Milligrams per Dry Kilogram
Orange County Sanitation District

Metal	FY	EQ Limit	Plant 1			Plant 2		
			Min	Max	Avg	Min	Max	Avg
	2020-21		0.5	1.0	0.7	0.4	0.9	0.6
	2021-22		0.5	0.8	0.6	0.4	1	0.5
	2022-23		0.5	0.9	0.7	0.4	0.7	0.5
	2023-24		0.39	1.2	0.60	0.080	0.79	0.48
	2024-25*		0.16	8.5	1.0	0.21	1.6	0.63
Molybdenum	2012-13	**	9.8	20	14	12	20	15
	2013-14		12	18	15	14	18	15
	2014-15		9.4	18	15	12	20	16
	2015-16*		11	18	15	11	23	16
	2016-17		12	18	15	11	23	16
	2017-18*		10	16	14	13	18	15
	2018-19		13	20	16	15	22	18
	2019-20		14	22	18	14	24	18
	2020-21		15	21	18	17	23	20
	2021-22		13	20	16	14	21	18
	2022-23		14	23	17	15	30	19
	2023-24		8.5	18	14	13	25	19
	2024-25*		8.1	18	15	13	25	20
Nickel	2012-13	420	34	48	40	23	41	30
	2013-14		36	55	43	28	56	37
	2014-15		26	47	37	26	41	34
	2015-16*		29	45	38	20	41	33
	2016-17		25	45	36	21	41	32
	2017-18		28	37	32	31	39	34
	2018-19		23	44	33	29	44	37
	2019-20		27	41	35	26	46	35
	2020-21		28	46	36	26	33	29
	2021-22		23	33	28	25	30	26
	2022-23		27	36	31	23	30	25
	2023-24		17	63	33	16	83	31
	2024-25		25	37	30	21	31	24
Selenium	2012-13	100	0	20	9.0	0	20	8.0
	2013-14*		3.5	13	7.9	4.2	13	8.3
	2014-15*		4.1	13	7.1	4.5	15	7.3
	2015-16*		4.4	11	8.1	3.7	10	7.6
	2016-17*		4.1	10	8.4	4.8	10	8.0
	2017-18*		3.0	7.8	4.9	2.7	8.0	4.9
	2018-19*		2.5	48	6.6	2.3	2.9	2.7
	2019-20*		0.9	12	3.7	0.9	12	3.5
	2020-21*		1.0	12	6.5	0.9	10	6.3
	2021-22		6.7	9.3	8.0	7.5	11	9.2
	2022-23		5.7	11	8.4	4.5	11	8.3
	2023-24		4.6	11	6.9	3.9	10	6.8
	2024-25*		5.1	10	6.7	4.4	11	7.0
Silver	2012-13	**	6.2	14	8.6	6.4	13	8.6
	2013-14*		2.9	7.6	5.3	3.6	9.1	6.3
	2014-15*		3.3	7.8	5.8	3.4	8.6	6.5

Table 8.1 Trends in Trace Metal Content of Biosolids, Fiscal Years 2012/13-2024/25, in Milligrams per Dry Kilogram Orange County Sanitation District								
Metal FY EQ Limit			Plant 1			Plant 2		
			Min	Max	Avg	Min	Max	Avg
	2015-16*		2.4	7.7	5.6	2.5	7.9	5.6
	2016-17*		2.7	5.6	4.4	2.5	6.8	4.9
	2017-18*		3.2	5.1	3.9	3.7	5.0	4.2
	2018-19*		2.9	5.1	4.0	3.5	5.8	4.3
	2019-20*		3.0	5.0	4.0	2.7	5.8	4.0
	2020-21*		2.6	3.8	3.3	2.5	3.2	2.7
	2021-22		2.1	3.6	2.6	1.4	2.5	1.9
	2022-23		2.3	3.5	2.9	1.2	2.5	1.8
	2023-24		0.59	4.4	2.1	0.53	3.7	1.4
	2024-25*		2.2	4.7	3.4	2.0	3.4	2.5
Zinc	2012-13	2,800	640	860	720	680	880	770
	2013-14		590	730	670	620	750	700
	2014-15		420	720	620	470	740	670
	2015-16		500	770	620	520	890	730
	2016-17		550	770	610	520	890	740
	2017-18		470	680	600	590	910	720
	2018-19		520	810	600	500	790	720
	2019-20		640	810	760	590	890	720
	2020-21		710	875	800	680	780	740
	2021-22		675	835	790	655	745	690
	2022-23		665	850	760	580	770	660
	2023-24		370	810	680	440	860	640
	2024-25		640	820	740	620	840	710
ND Non-detect								
* Calculations included data below the reporting limit, but above the method detection limit, and were therefore flagged as "detected not quantified" or the method detection limit was substituted for non-detect values.								
** US EPA's extensive health risk analysis determined that no limits were needed for these metals (EPA 40 CFR 503).								

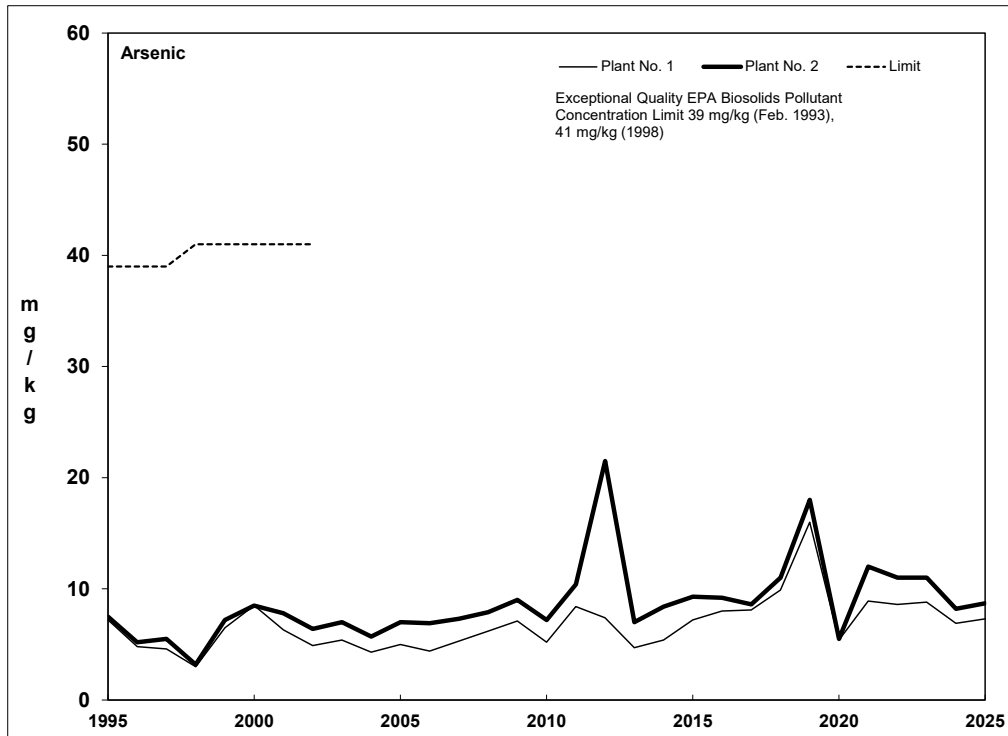


Figure 8-1 Trends in Concentrations of Arsenic in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

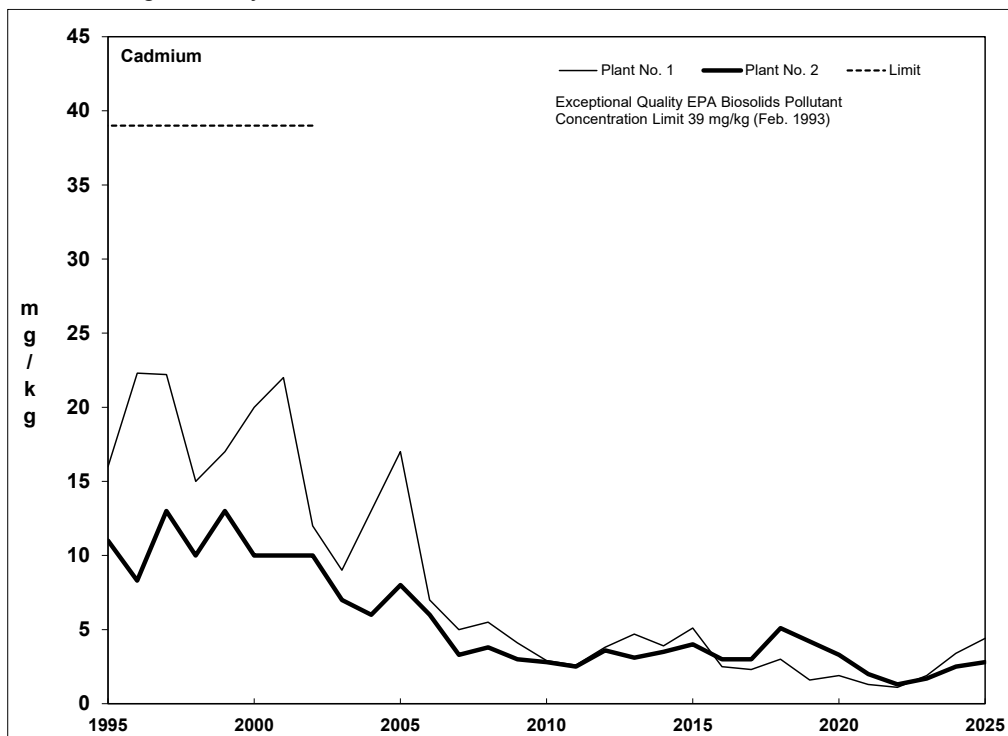


Figure 8-2 Trends in Concentrations of Cadmium in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

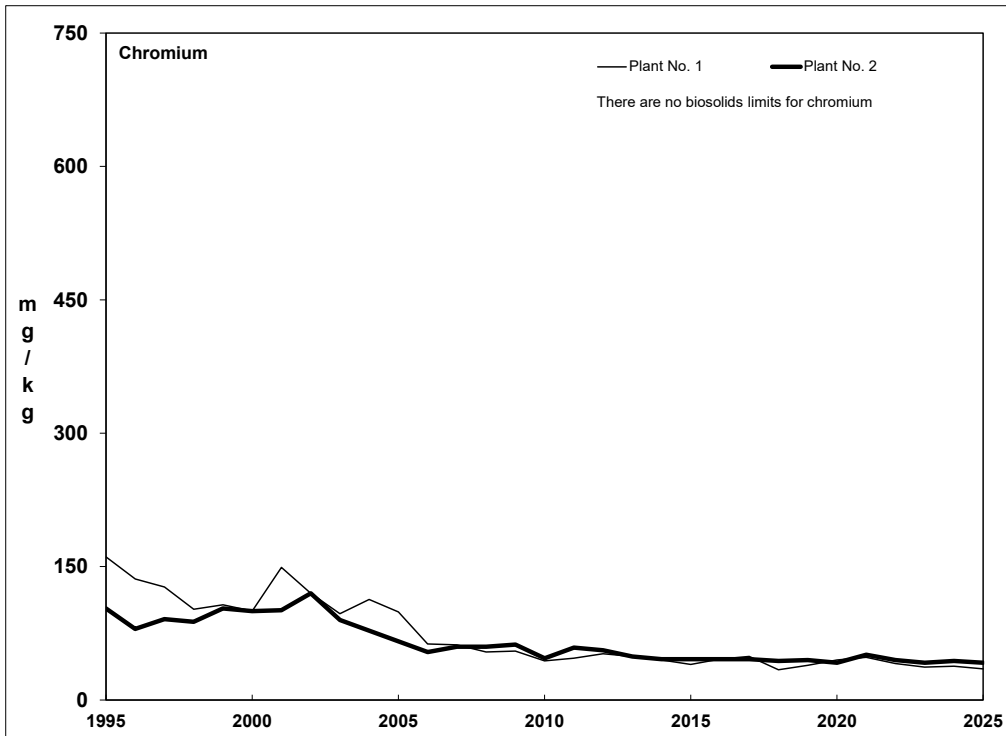


Figure 8-3 Trends in Concentrations of Chromium in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

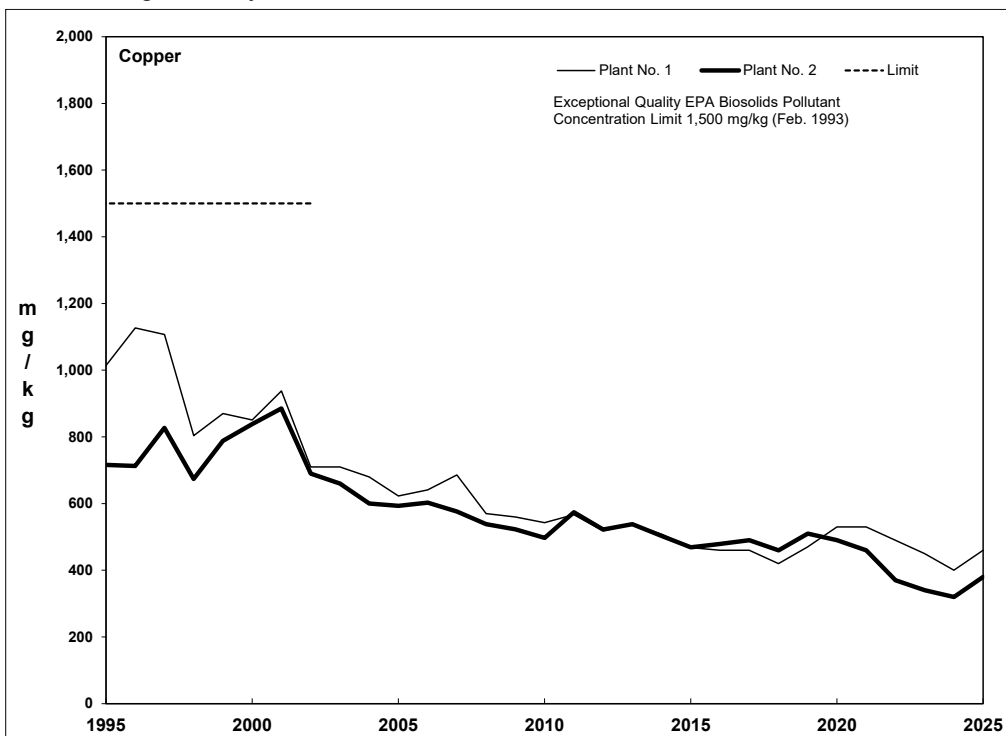


Figure 8-4 Trends in Concentrations of Copper in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

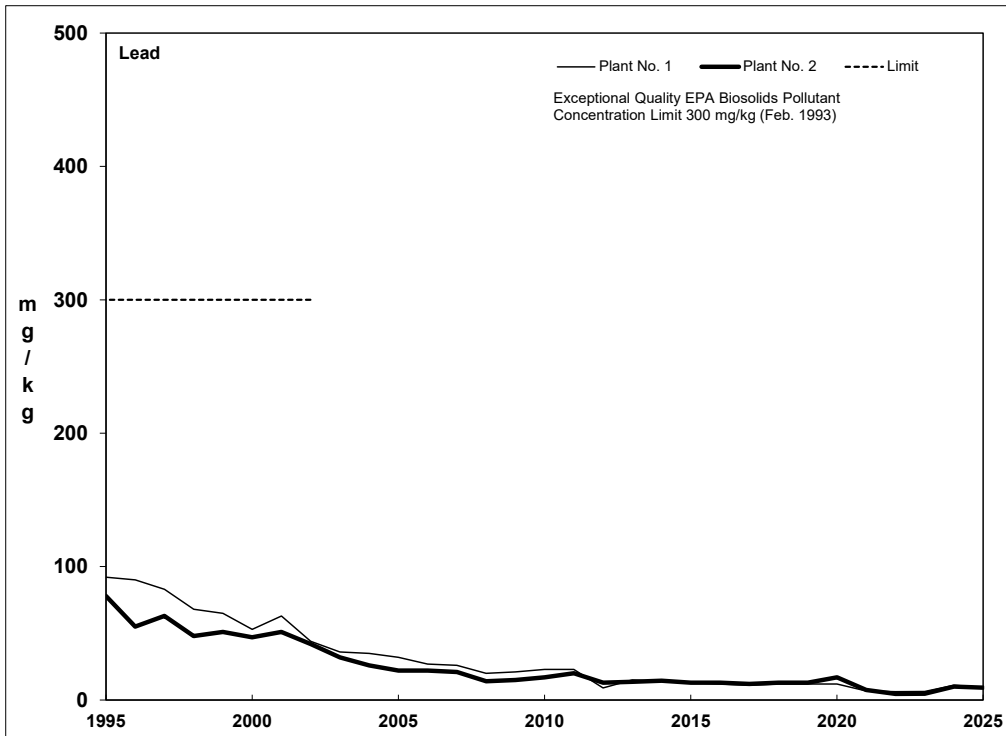


Figure 8-5 Trends in Concentrations of Lead in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

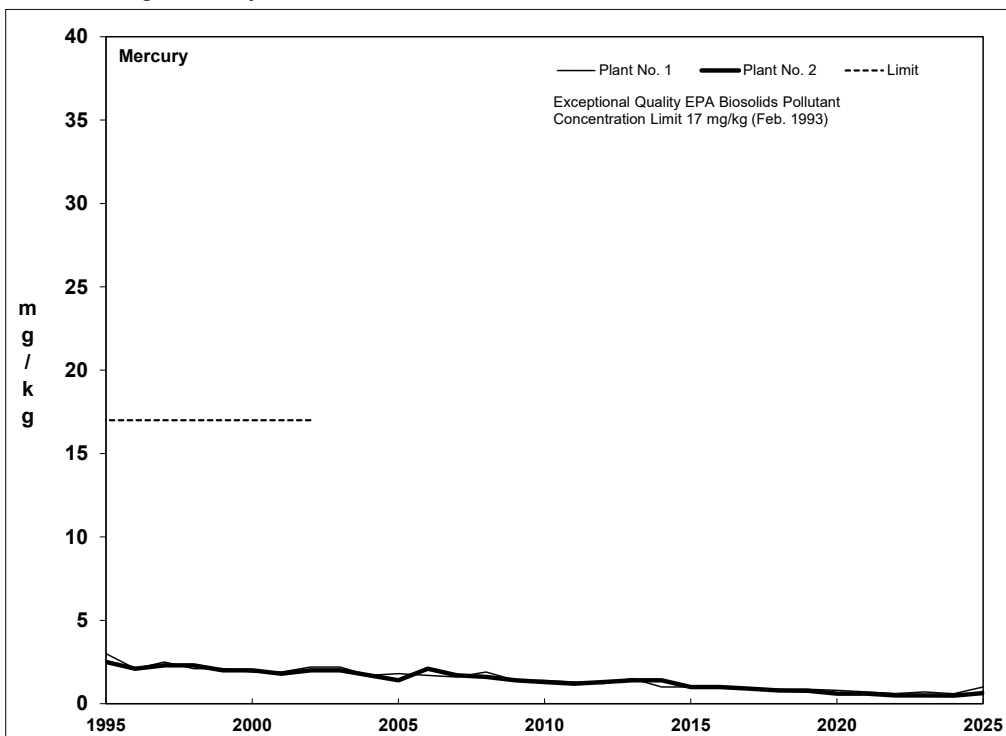


Figure 8-6 Trends in Concentrations of Mercury in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

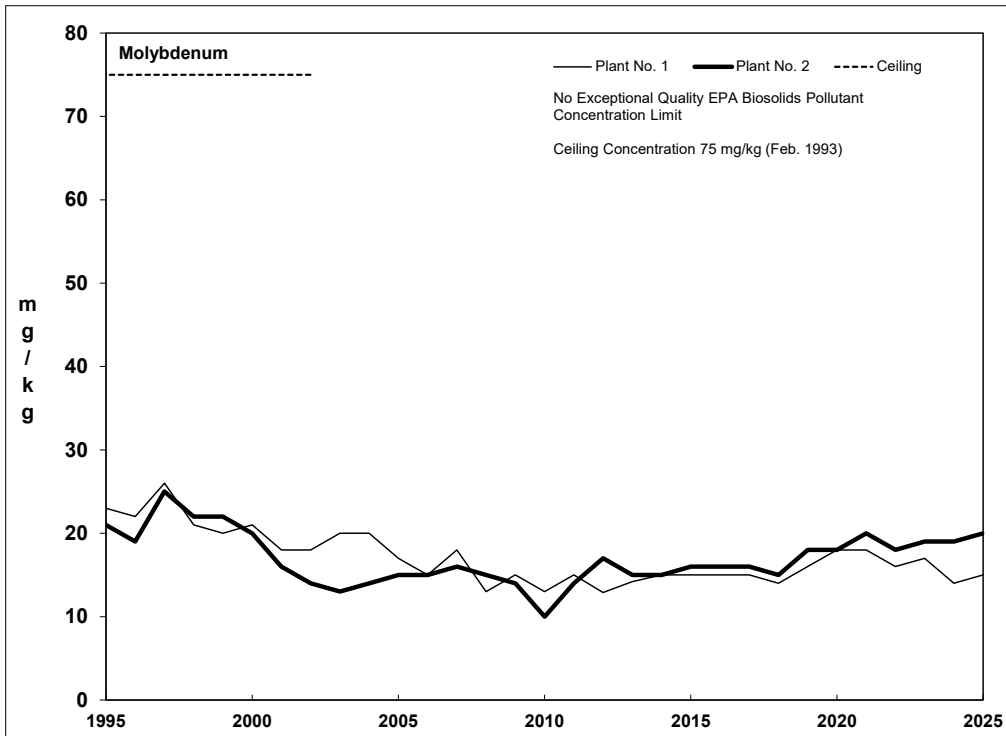


Figure 8-7 Trends in Concentrations of Molybdenum in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

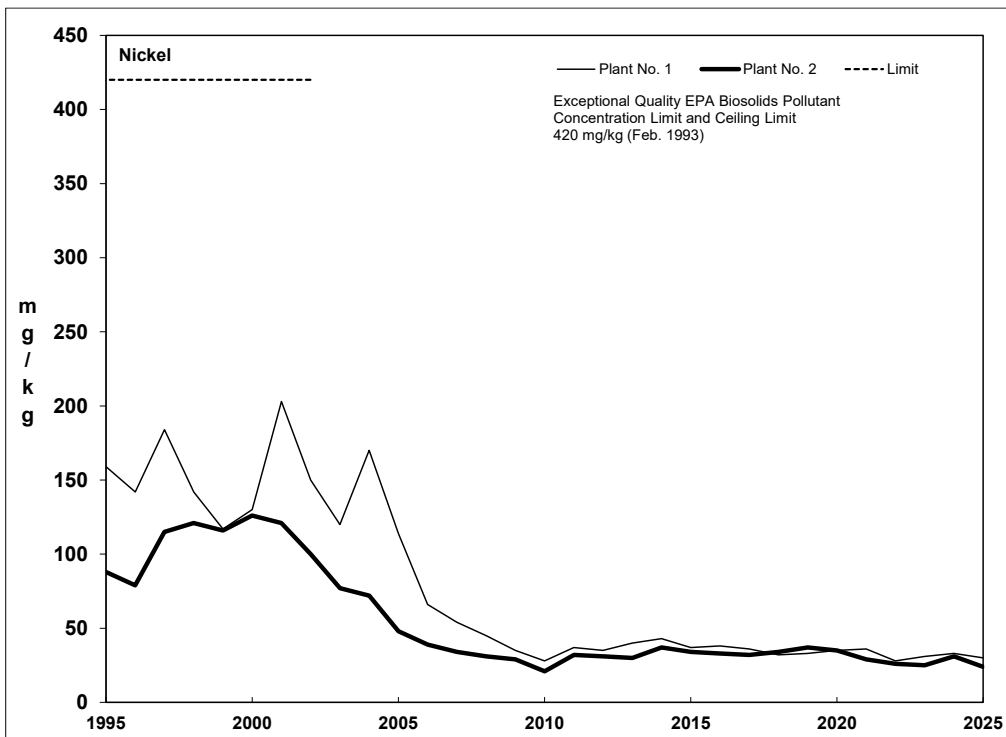


Figure 8-8 Trends in Concentrations of Nickel in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

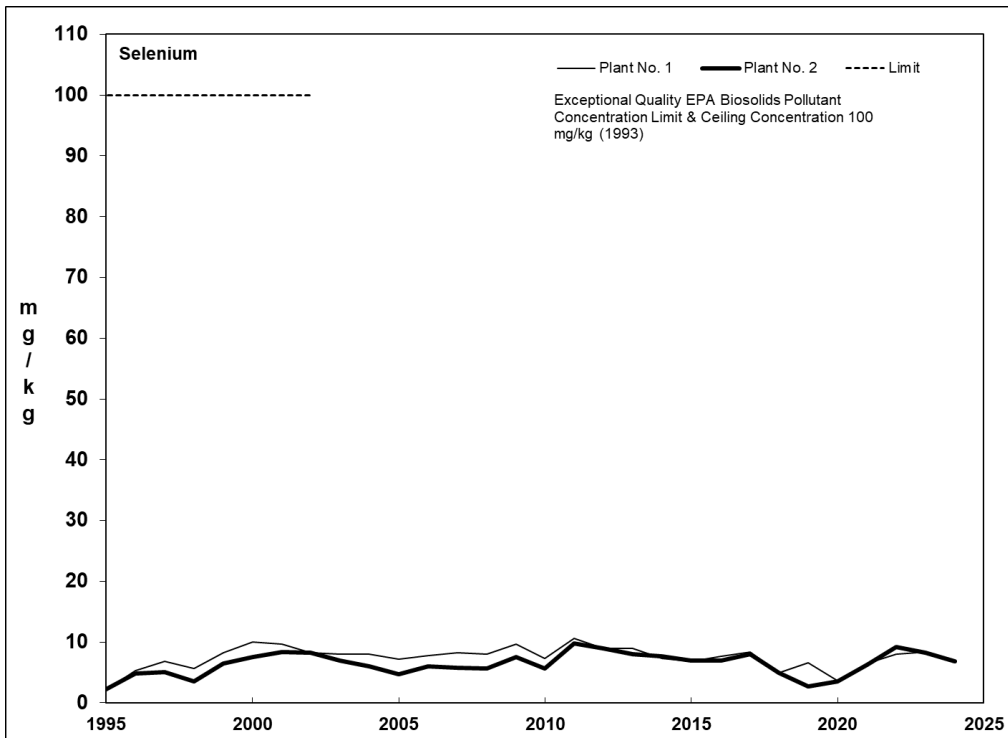


Figure 8-9 Trends in Concentrations of Selenium in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

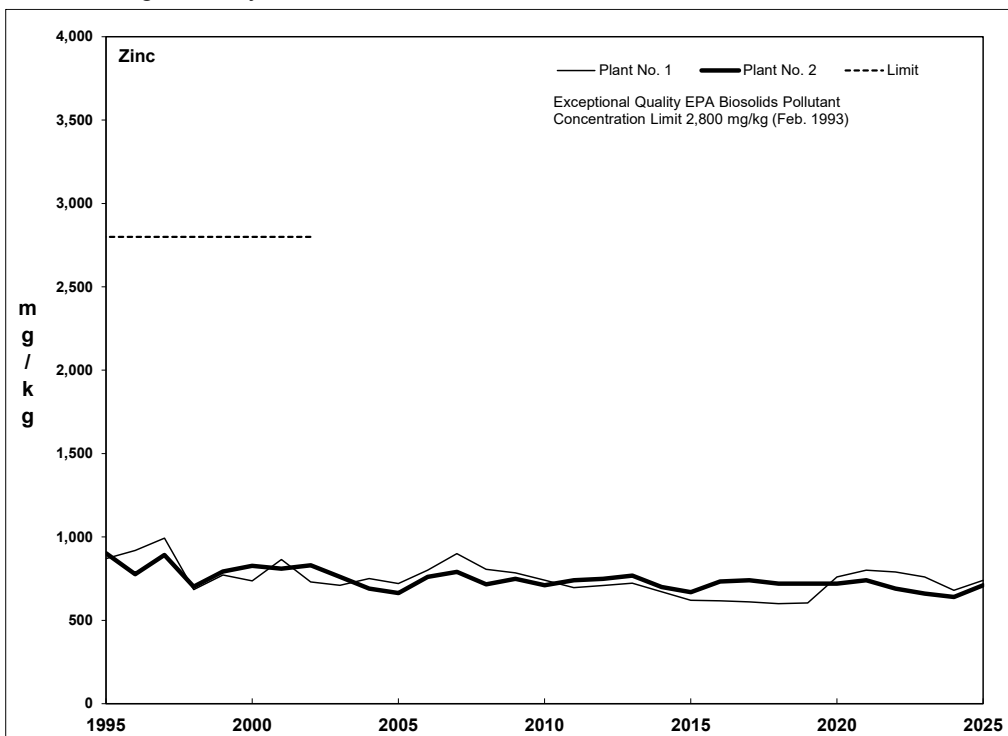


Figure 8-10 Trends in Concentrations of Zinc in Biosolids, Fiscal Years 1994/95-2024/25
Orange County Sanitation District

Chapter 9. Non-Industrial Source Control and Public Education Programs

9.1 Introduction

OC San's approved Pretreatment Program was designed to address conventional pollutants which may impact OC San and its collection system, treatment works, workers, and compliance with its permits. The program ensured that OC San succeeded in implementing its reuse initiatives, which had primarily included biosolids land application and some water reclamation through OCWD's Interim Water Factory 21. Since the early 2000s, OC San became involved with new programs, such as the Dry Weather Urban Runoff Diversion Program to assist Municipal Separate Storm Sewer System (MS4) permittees in helping keep our oceans clean and open for the public to use safely. OC San also continued its partnership with OCWD and replaced the Interim Water Factory 21 with the Groundwater Replenishment System (GWRS), which started producing nearly 70 MGD of reclaimed water starting in 2008. The GWRS Final Expansion now allows OC San to provide 175 MGD of treated wastewater for GWRS, which produces up to 130 MGD of purified water. Through GWRS the treated wastewater is purified and injected into a seawater barrier and pumped to recharge basins to enhance the groundwater basin. GWRS produces enough new potable water for one million residents in north and central Orange County. As a result of these new programs and more stringent requirements and regulations, OC San expanded the Pretreatment Program to enhance source control implementation across non-industrial sources and nonconventional pollutants of concern. The expansion resulted in the formation of the Non-Industrial Source Control (NISC) Group as a part of the Pretreatment Program. Over time, the NISC Group implemented projects and initiated programs to address emerging concerns or issues. Based on the program's goals and timing, the projects were incorporated into other parts of OC San's existing operations or were terminated when the need had been addressed. The current, active NISC programs are listed in Table 9.1.

Table 9.1	Non-Industrial Source Control Programs, FY 2024/25
Orange County Sanitation District	
Programs	
Fats, Oils and Grease Control	
Radiator Repair Shops	
Dry Cleaners	
Dry Weather Urban Runoff Diversions	
Dental Amalgam	

9.2 Fats, Oils, and Grease (FOG) Control Program

9.2.1 Fats, Oils, and Grease Control

Background

A frequent cause of sanitary sewer overflows (SSOs) is grease accumulation in the small- to medium-sized sewer lines typically owned and operated by cities and local sewerage agencies. In April 2002, the California Regional Water Quality Control Board, Santa Ana Region (SARWQCB) issued Order No. R8-2002-0014, General Waste Discharge Requirements (WDR), which required Orange County cities and sewerage agencies, known as WDR Co-Permittees, to monitor and control SSOs. Specifically, the order required WDR Co-Permittees to develop a Sewer System Management Plan (SSMP), one element of which was a Fats, Oils, and Grease Control Program (FOG Control Program). On November 17, 2004, OC San passed FOG Ordinance No. OCSD-25 establishing the legal authority to prohibit food service establishments (FSEs) from discharging FOG to the sewer system. OC San implemented its FOG Control Program for FSEs in its direct service area starting January 1, 2005.

In May 2006, the State Water Resources Control Board (SWRCB) adopted Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, Water Quality Order No. 2006-0003 (Statewide

WDR), which required a similar effort statewide. In December 2006, the SARWQCB rescinded its WDR in lieu of the Statewide WDR. OC San submitted its SSMP to the SWRCB in May 2009. On December 6, 2022, Order WQ 2022-0103-DWQ was issued, superseding the previous State Water Resources Control Board Order 2006-0003-DWQ. OC San completed its most recent audit of the SSMP in May 2024, and is due for its next audit in May 2027. More specifics on the county-wide FOG program can be found in Chapter VIII of the SSMP. The following sections detail OC San's FOG control efforts in FY 2024/25.

Program Administration

The commercial FOG Control Program is administered through a combination of permitting, inspection, compliance tracking, report monitoring, and enforcement. The main elements of the FOG Control Program include:

1. Ordinance No. OCSD-25 – Fats, Oils, and Grease Ordinance for Food Service Establishments,
2. FOG Wastewater Discharge Permits to define and communicate permittees' responsibilities regarding FOG discharges,
3. Required Best Management Practices (BMPs) to minimize FOG-bearing wastewater discharges,
4. Installation and/or required maintenance of grease interceptors (GIs) when applicable,
5. Semi-annual monitoring of BMP implementation and GI maintenance,
6. Screening and evaluation of all inspection and monitoring reports to identify violations and/or deficiencies,
7. Inspection of FSE facilities to verify compliance, and
8. Enforcement Response Plan to respond to violations in a consistent and timely manner.

Permitting

OC San conducted an examination of the FOG trouble spots, as well as an inspection of the FSEs in the service area to collect operational information. A scheme was developed to categorize the distinct types of facilities based upon their potential to discharge FOG, the need to enforce the regulatory requirements of the FOG Ordinance, and the potential of each FSE to impact known or potential trouble spots. Using the combination of inspection data and trouble spot information, FSEs were categorized into the following six groups:

- Category 1: FSEs with a GI installed.
- Category 2: FSEs without a GI installed, that are a significant contributor to a FOG trouble spot and probably need to install a GI due to their FOG impact to the sewer.
- Category 3: FSEs without a GI installed, that are considered a less significant contributor to a FOG trouble spot but may still need to install a GI in the future due to their proximity to a trouble spot.
- Category 4: FSEs without a GI installed, that are not considered a significant contributor of FOG, are not upstream of a trouble spot, and probably will not need a GI installed.
- Category 5: FSEs found to be an insignificant source of FOG that will not be required to have a permit.
- Category 6: Commercial property owners that maintain a GI common to multiple FSEs.

After creating the six categories and examining the FSEs' operations and discharge configurations, different FOG Wastewater Discharge Permit (permit) alternatives were needed to cover the various conditions encountered. The six categories eventually produced three permit variations. Type 1 covers FSEs that have FOG pretreatment, typically considered to be a below-ground GI. Type 2 is issued to FSEs without pretreatment, i.e., Categories 2, 3, and 4. Type 2 permits include a conditional waiver from the FOG pretreatment requirement, as mandated for all FSEs by OC San's FOG Ordinance. The third permit

variation, Type 6, was developed for the strip mall or food court owners who have several FSEs plumbed to a common GI. Type 6 permits only require GI maintenance and do not include any BMP requirements. The individual FSEs connected to the common interceptor at a Type 6 location are still issued a Type 2 permit that requires BMP implementation.

Permits are currently issued for two-year terms. Prior to permit renewal, the FSE is required to complete and submit an updated permit application and pay the permit application fee. Ownership changes also trigger the issuance of a new permit as the permit is non-transferable. During FY 2024/25 OC San managed thirty-nine (39) FOG permits including one (1) permittee renewing and four (4) new FSEs receiving permits. One (1) additional new permittee was identified at the end of FY 2024/25, and its draft permit is currently being reviewed.

Self-Monitoring Report

As a condition of the FOG permits, FSEs are required to implement BMPs; maintain their GIs, if applicable; keep records/logs of employee training and yellow grease disposal; and submit periodic self-monitoring reports to inform OC San of their BMP efforts and GI maintenance activities. Submitted reports are evaluated and used to determine compliance with permit requirements.

Inspection

Annual FSE inspections are an integral and essential part of the FOG Program, because they serve as a regulatory reminder to implement the required BMPs, and for FSEs with no GIs to maintain their FOG pretreatment devices. Every inspection presents an opportunity to provide educational outreach to the FSE community by further reinforcing the importance of the kitchen BMPs and strengthening the cooperative effort ultimately needed to effectively control FOG discharges to the sewer. The FOG program includes two distinct types of annual inspections, 1) a kitchen BMP inspection conducted by the Orange County Health Care Agency (OCHCA), and 2) a compliance inspection conducted by OC San staff. The verification that GIs are periodically pumped out and in compliance with the Twenty-five Percent (25%) rule (total depth of the floating grease layer plus the settleable solids layer shall not exceed 25% of the total liquid depth of the GI) is primarily accomplished through the *Semi-Annual GI Wastehauling Report* submittals.

Compliance

Violation of a permit requirement or provision of the FOG Ordinance, or the failure to submit a required report can lead to issuance of a Corrective Action Notice (CAN). The CAN is followed by a Notice of Violation (NOV) which includes the assessment of noncompliance fees if the deficiency is not corrected in a timely manner.

FOG Program Effectiveness

Monitoring the effectiveness of the FOG program enables OC San to refine its program implementation as necessary to comply with its requirement to eliminate preventable SSOs. OC San uses a GIS to analyze the relationship between trouble spots, FSEs, and SSOs. Areas of concern are evaluated and prioritized based on the impact of FSE proximity, tributary residential density, and FOG accumulation in the sewer line, as determined by both CCTV and field crew observations. OC San coordinates with the Operations and Maintenance staff to maintain an effective commercial FOG program by keeping trouble spots under surveillance and following up on grease accumulations before they reach a critical stage. Table 9.2 summarizes the SSO data from the past two reporting periods. This data demonstrates the effectiveness of the FOG program at reducing the frequency of SSO events.

Table 9.2 FOG Program Effectiveness, 2024/25 Orange County Sanitation District		
Spills	FY 2023/24	FY 2024/25
OC San system spills attributable to FSE FOG	0	0
OC San system spills attributable to residential FOG	0	0
Private lateral spills attributable to FOG	0	0
Total FOG-related spills	0	0

9.3 Radiator Repair Shops

The Radiator Repair Shop Certification Program aims to prevent heavy metal-bearing liquids, oil and grease, spent antifreeze/coolant, as well as any other hazardous wastes from being discharged to the sewer. The program requires shops that rebuild and repair radiators to biennially certify the following:

- No industrial wastewater or spent antifreeze/coolant is discharged to the sewers,
- Floor drains are permanently sealed and secured from spills or accidental discharges,
- Water recycling systems are close-looped with no connection to the sewer, and
- Wastehauling records are maintained onsite and available for review upon request.

At the beginning of FY 2023/24, the Radiator Repair Shop Certification Program contained ten (10) radiator shops. In Fall 2023, OC San required these ten radiator shops to complete another self-certification statement. Following submission of these forms, OC San staff conducted verification inspections in Spring 2024 and found one facility was no longer in business, leaving nine (9) radiator shops in the program at the end of the reporting period. No program activities occurred during FY2024/25.

9.4 Dry Cleaners

Initially implemented to prevent soil and groundwater contamination by perchloroethylene (PERC), the Dry Cleaner Certification Program was revitalized as an important outreach tool to help protect the GWRS. The program tracked the solvent usage and facility ownership within the dry cleaner community to prevent the discharge of solvent-containing wastes from dry cleaning operations.

Effective January 1, 2021, the South Coast Air Quality Management District (SCAQMD) required all PERC dry cleaning systems within the SCAQMD air basin to be removed from service. In Spring 2022, OC San began verification inspections for a total of 41 known PERC dry cleaning facilities. All facilities have since been confirmed to no longer be using PERC systems.

Based on the SCAQMD requirements and verification inspections, OC San believes that known dry cleaning facilities within its service area no longer have reasonable potential to discharge PERC to sewers. OC San notified the SARWQCB and EPA on October 31, 2024, of the program closure based on these conclusions. The program was officially closed on December 15, 2024, following no objections from the EPA or SARWQCB.

9.5 Dry Weather Urban Runoff Diversions

OC San accepts the diversion of Dry Weather Urban Runoff (DWUR) to the sewer system to assist MS4 permittees address various public health and environmental issues which are difficult to control through traditional stormwater BMPs. Urban runoff is water that is generated by daily activities such as lawn irrigation, hosing down sidewalks, and car washing. As the water flows across the urban landscapes and through the storm drain system, the water may become contaminated with nutrients, pesticides, heavy metals, toxic chemicals, bacteria, and viruses. Once the contaminated water reaches our creeks, rivers,

and shoreline, the pollutants may harm wildlife and native vegetation, spoil recreational opportunities, and even cause human illness through contact with recreational waters.

In 1999, investigations into the bacterial contamination along the Huntington Beach shoreline suggested that DWUR flowing into the ocean from the surrounding watersheds was a contributing factor beach closures. Recognizing the link between urban runoff and water quality degradation at Orange County beaches, and committed to assisting MS4 permittees during dry weather, the OC San Board of Directors adopted a series of resolutions agreeing to accept a limited, controlled amount of DWUR into the sewer system. Resolution No. 01-07, adopted March 28, 2001, declared that OC San will initially waive fees and charges associated with authorized discharges of DWUR to the sewer system until the total volume of all runoff discharges exceeded four MGD calculated on a monthly average. In June 2002, Assembly Bill 1892 amended OC San's charter to formally allow the diversion and management of Dry Weather Urban Runoff flows. For the first 12 years of the Dry Weather Urban Runoff Diversion (DWURD) Program, the average monthly flow remained below the four MGD threshold, thus avoiding user fees for treatment and disposal costs being assessed to the diversion permittees. In 2012, OC San received several diversion proposals to deal with bacteria, nitrogen, and selenium loading to the Upper Newport Bay. The average daily discharge volume from the additional proposed diversions combined with the existing diversion flows would eventually exceed the four MGD fee threshold.

On June 12, 2013, the Board of Directors adopted Urban Runoff Resolution No. 13-09 to expand the waiver of fees or charges on the treatment of DWUR from four MGD to 10 MGD with "dry weather" defined as periods when no measurable rainfall occurs in any portion of OC San's service area and exclusive of the cessation period following the rainfall during periods when OC San's collection, treatment, and disposal facilities would be impacted by the flows. This policy change provided a vehicle for additional DWUR discharge to the sanitary sewer which might assist the MS4 permittees addressing environmental problems caused by DWUR, such as contaminant loading in the Upper Newport Bay Watershed. The latest resolution's adoption once again demonstrated OC San's commitment to protecting public health and the environment. Under Resolution 13-09, the MS4 permittees are authorized to divert a maximum of 10 MGD for all permitted DWUR combined.

The County of Orange is the principal permittee coordinating the Orange County Flood Control District (OCFCD) and regulated cities' efforts to implementing the Water Quality Management Plan required under the NPDES Permit for urban stormwater discharge. Before a diversion can be implemented, the proposal must be presented to the Orange County Stormwater Program Technical Advisory Committee (TAC). The committee evaluates the proposal, and if approved by the TAC, the TAC puts the diversion on its Dry Weather Diversion Priority List. This approval step ensures that OC San's DWURD Program's limited capacity is allocated where it will provide the greatest benefit to coastal water quality.

Following TAC approval, OC San initiates an *Agreement for Dry Weather Urban Runoff Discharge* with the responsible entity to govern sanitary sewer service to the diversion project. The agreement, sometimes executed with multiple municipalities, special districts, and the County of Orange, documents the purpose for accepting the discharge and specifies the responsibilities for operation and maintenance of the diversion. The agreement also requires that both the quality and quantity of the DWUR from the covered drainage area meet all terms, conditions, and discharge limits established by OC San's Ordinance and Board Resolutions.

In addition to the agreement, discharges from each diversion structure require a DWUR discharge permit issued by OC San's Resource Protection Division under the DWURD Program. The permit sets enforceable discharge limits, monitoring requirements for key constituents, and flow metering installation and calibration requirements, water quality and quantity reporting requirements, and an explicit prohibition against accepting stormwater runoff, ensuring that discharges occur only during authorized dry weather periods.

9.5.1 Dry Weather Diversion Systems and Urban Runoff Flow

Currently, 21 active DWUR diversion structures are permitted, four operated by the County of Orange (Orange County Public Works/Orange County Flood Control District, OCPW/OCFCD), 11 owned and operated by the City of Huntington Beach (CHB), two owned and operated by the City of Newport Beach

(CNB), three owned and operated by the Irvine Ranch Water District (IRWD), and one owned and operated by PH Finance, who is the present owner of the Pelican Hill Resort (see Table 9.4 for more details).

In December 2024, IRWD successfully renewed DWUR discharge permits for its three diversions for the two-year cycle from December 1, 2024 through November 30, 2026. CHB renewed its 11 DWUR discharge permits for the term February 1, 2025 through January 31, 2027. PH Finance renewed its DWUR discharge permit for the period from April 1, 2025 through March 31, 2027. OCPW/OCFCD renewed DWUR discharge permits for the Huntington Beach Channel and Santa Ana River Channel diversions for the period from May 1, 2025 through April 30, 2027.

The OCPW/OCFCD Greenville Channel diversion DWUR discharge permit application was received but is pending amendment to include the required in-situ hydraulic calibration report for the effluent flow meter. OC San continues to support OCPW/OCFCD in completing the permit application and will resume the application review process and permit issuance once the calibration report is received.

OC San has also been actively coordinating with CNB to provide technical assistance aimed at resolving ongoing deficiencies in the Dunes and Mid Big Canyon diversions. These deficiencies, identified across multiple permit cycles since FY 2021/22, must be corrected by CNB before DWUR discharge permits for these two diversions can be renewed. In March 2023, OC San received two DWUR discharge permit applications for two prospective diversions of CNB: Arches – Hoag and Arches – Old Newport Boulevard. OC San identified significant deficiencies with the facilities during permits review process and an onsite pre-permit inspection on June 8, 2023, OC San has been communicating with CNB about the deficiencies since June 2023. In June 2025, OC San's Resource Protection Division (RPD), in collaboration with the Engineering and O&M departments, revisited the Arches – Hoag and Arches – Old Newport Boulevard sites to reassess the deficiencies and provide CNB with recommended corrective actions. As of the close of FY 2024/25, OC San has not yet received revised permit applications for these prospective diversions.

In January 2023, CHB proposed and received approval from the TAC to add an additional diversion (CHB's Heil Stormwater Pump Station) onto the Dry Weather Diversion Priority List. Upon receiving the official TAC approval for CHB's Heil Stormwater Pump Station, OC San will work with CHB to initiate a Dry Weather Urban Runoff Discharge Agreement and support the permit application process.

Table 9.3 shows the range of monthly diversion discharges and total discharge over the past six years.

Table 9.3 Dry Weather Urban Runoff Discharges, FY 2019/2020 – 2024/25 Orange County Sanitation District		
FY	Million Gallons Discharged	Monthly Average Flow Range (MGD)
2019/20	480	0.44 – 2.06
2020/21	565	1.38 – 3.07
2021/22	383	1.17 – 2.02
2022/23	390	0.41 – 2.31
2023/24	690	0.00 – 5.24
2024/25	804	1.22 – 4.52

The diversions cumulatively discharged 804 million gallons (MG) of DWUR flow in FY 2024/25, with a normalized discharge of 2.81 MGD, and a monthly flow range between 1.22 and 4.52 MGD. The higher total volume and normalized discharge compared to FY 2023/24 resulted primarily from fewer suspension days due to wet weather: 67 days with wet weather conditions in FY 2024/25 versus 118 days in FY 2023/24.

Flows for the 11 CHB diversions totaled 250 MG in FY 2024/25, slightly above the 234 MG recorded in FY 2023/24. Flows from the four County of Orange diversions increased from 261 MG in FY 2023/24 to 311 MGD in FY 2024/25. The Santa Ana Delhi diversion remained the Dry Weather Urban Runoff Discharge program's largest single discharger, increasing from 159 MG over five months of discharge in FY 2023/24 to 200 MG over seven months of discharge in FY 2024/25. The Santa Ana River Channel diversion was

offline for most of FY 2024/25 due to maintenance, except for February and June 2025. The Greenville Channel diversion has been offline since January 2025, pending maintenance and hydraulic calibration of its effluent flow meter.

The three IRWD diversions, Muddy Canyon, Los Trancos Canyon, and Peters Canyon, recorded a combined 229 MG in FY 2024/25, up from 184 MG in FY 2023/24, an increase of 45 MG. Flows from the two CNB diversions totaled 11 MG in FY 2024/25, compared to 9 MG in FY 2023/2024, despite both diversions being deactivated since April 2025 pending administrative corrections, facility modifications, and effluent flow meter calibration. The Pelican Point Diversion flow also increased from 1.92 MG in FY 2023/24 to 3.66 MG in FY 2024/25.

Four of the 21 diversions flow to Plant No. 1: Santa Ana Delhi, Santa Ana River, Peters Canyon, and a portion of Scenario. Because Scenario diversion flows can reach both Plant No. 1 and Plant No. 2 simultaneously through multiple pathways, it is not possible to determine exact discharge volumes to each plant. The remaining 18 diversions located closer to the coast discharge to Plant No. 2, and have been available for reclamation since the completion of GWRS Final Expansion in December 2022.

In FY 2024/25, the Santa Ana Delhi, Santa Ana River and Peters Canyon diversions discharged a combined 365 MG to Plant No. 1, while the remaining 18 diversions discharged 439 MG to Plant No. 2. Overall, DWUR flows contributed up to 67 MG per month to GWRS.

If current discharge trends continue, OC San expects to receive between 350 MG and 750 MG next fiscal year from the existing diversions. Over the past 26 years, OC San has treated more than 11 billion gallons of DWUR that otherwise would have discharged untreated to the ocean. Since OC San's DWURD Program began, the total estimated treatment and disposal cost for these flows has been approximately \$17.6 million, based on applicable industrial user fee rates. Because the monthly average flow range remains under 10 MGD, OC San currently waives all fees and charges for authorized DWUR discharges.

Table 9.4 details the current diversion locations, trunkline/tributary destinations, and the average discharge volume of each individual location for this reporting period.

Table 9.4 Average Dry Weather Urban Runoff Discharge Volumes by Diversion, FY 2024/25 Orange County Sanitation District					
No.	Diversion	Location	Trunkline	Tributary	Average Discharge* (MGD)¹
<i>Owned and Managed by the City of Huntington Beach</i>					
1	Atlanta Diversion	8151 Atlanta Avenue	Coast (via Atlanta Interceptor)	Plant No. 2	0.216
2	Newland Diversion	8612 Hamilton Street	Coast (via Atlanta Interceptor)	Plant No. 2	0.262
3	Banning Diversion	2201 Malibu Lane	Miller-Holder	Plant No. 2	0.110
4	Hamilton Diversion	10101 Hamilton Avenue	Miller-Holder	Plant No. 2	0.090
5	Adams Diversion	19661 Chesapeake Lane	Miller-Holder	Plant No. 2	0.051
6	Indianapolis Diversion	9221 Indianapolis	Miller-Holder	Plant No. 2	0.052
7	Scenario Diversion ²	4742 Scenario Drive	Knott	Plant No.1 & No. 2 [^]	0.019
8	1 st Street CDS	103 Pacific Coast Hwy	Coast	Plant No. 2	0.002
9	Meredith Diversion	20192 Mainland Lane	Miller-Holder	Plant No. 2	0.016
10	Flounder Diversion	9731 Flounder Drive	Bushard	Plant No. 2	0.011
11	Yorktown Diversion	9211 Yorktown Avenue	Miller-Holder	Plant No. 2	0.009

Table 9.4 Average Dry Weather Urban Runoff Discharge Volumes by Diversion, FY 2024/25 Orange County Sanitation District					
No.	Diversion	Location	Trunkline	Tributary	Average Discharge* (MGD)¹
<i>Owned and Managed by the County of Orange</i>					
12	Santa Ana Delhi ^A	20317 Irvine Avenue	Baker-Main	Plant No. 1	0.673
13	Greenville-Banning Channel ^B	2501 Placentia Avenue	Interplant	Plant No. 2	0.263
14	Huntington Beach Channel ^C	8092 Adams Avenue	Coast (via Delaware)	Plant No. 2	0.068
15	Santa Ana River ^D	10844 Ellis Avenue	Sunflower	Plant No. 1	0.092
<i>Owned and Managed by Irvine Ranch Water District</i>					
16	Los Trancos Diversion	Pacific Coast Highway (Crystal Cove State Park)	South Coast	Plant No. 2	0.211
17	Muddy Canyon Diversion	Pacific Coast Highway (El Moro State Park)	South Coast	Plant No. 2	0.095
18	Peters Canyon Diversion	3001 Main Street	Main Street	Plant No. 1	0.460
<i>Owned and Managed by the City of Newport Beach</i>					
19	Newport Dunes Diversion ^E (Gravity Flow)	1131 Back Bay Drive	South Coast (via Back Bay)	Plant No. 2	0.004
20	Mid Big Canyon ^F	1951 Jamboree Road	South Coast (via Back Bay)	Plant No. 2	0.058
<i>Owned and Managed by PH Finance, LLC</i>					
21	Pelican Point Diversion	36 Pelican Point Drive	South Coast	Plant No. 2	0.012
<i>Sum of the Average Daily Discharges (FY 2024/25)</i>					2.811
*Individual daily averages calculated using the formula: cumulative flow total for the year / number of discharge days. Note that number of discharge days = number of days in the discharge period – number of days the DWUR Program suspended due to wet weather. ¹MGD = million gallons per day ²Scenario flows to Plant No. 1 and Plant No. 2 simultaneously due to Bushard-Ellis junction box. A. Santa Ana Delhi: System offline Dec 2024 – Jan 2025, Apr – Jun 2025 B. Greenville: System offline Nov 2024, Jan – Jun 2025 C. Huntington Beach Channel: System offline Jul – Aug 2024, Apr – May 2025 D. Santa Ana River: System offline Jul 2024 – Jan 2025, Mar – May 2025 E. Dunes: System offline Apr – Jun 2025 F. Mid Big Canyon: System offline Apr – Jun 2025					

Table 9.5 summarizes several significant Dry Weather Urban Runoff Program statistics.

Table 9.5 Dry Weather Urban Runoff Diversion Program, FY 2024/25 Orange County Sanitation District	
Number of new permits generated	17
Number of permitted diversions	21
Total average daily discharge (MGD)	2.81
Monthly average daily discharge range (MGD)	1.22 – 4.52
Newly proposed diversions	3
Estimated combined discharge for proposed/pending diversions (MGD)	2.9
Maximum combined Dry Weather Urban Runoff discharge allowance (MGD)	10
*Resolution No. 13-09 accommodates 10 MGD of Dry Weather Urban Runoff without cost to permittees.	

9.5.2 Proposed Dry Weather Urban Runoff Diversion Systems

The CNB's Arches Diversion project consists of two diversions near the intersection of Newport Boulevard and Pacific Coast Highway. The Arches Diversions are projected to discharge up to 0.1 MGD to OC San's Plant No. 2. In FY 2022/23, OC San's Resource Protection Division reviewed two rounds of DWURD permit applications and conducted pre-permit inspections for the Arches diversions. OC San identified several deficiencies in the permit applications and during the pre-permit inspections. In FY 2024/2025, RPD, working in collaboration with OC San's Engineering and O&M departments, reevaluate the previously identified deficiencies and provided CNB with recommended corrective actions. OC San continues to support CNB in revising the permit applications and implementing the necessary corrective measures to resolve these issues.

In FY 2019/20, OC San learned during meetings to address the Newport Bay TMDL issues that at least two new flood control channel diversions were being proposed: the Santa Isabel and East Costa Mesa Channel diversions. To date, OC San has not been approached to incorporate these diversions into an existing agreement or to develop and execute an additional agreement for the drainage basins these channels serve. In March 2022, CHB inquired about converting their existing Heil Stormwater Pump Station into a DWURD facility, which was approved by the TAC as the most current addition in the Dry Weather Diversion Priority List. OC San is working with CHB to initiate a Dry Weather Urban Runoff Discharge Agreement and to support the permit application process.

In addition, continuing the previous three fiscal years, modifications to the Newport Dunes diversion remained under consideration. Although CNB provided OC San a rehabilitation proposal, the proposal was not accepted as presented and must be resubmitted in accordance with a Special Condition in the Dunes DWURD permit renewal issued February 2023.

9.5.3 Dry Weather Urban Runoff Quality

OC San requires self-monitoring of the DWUR discharges and conducts semi-annual sampling and analysis to ensure discharge limit compliance for various regulated constituents. Overall, the monitoring of the Dry Weather Urban Runoff discharges shows very consistent compliance with OC San's local limits. Although OC San no longer has a local limit for TTOs since the adoption of Ordinance No. OCSD-48 in 2016, the Resource Protection Division continues to monitor for TTOs as a safety measure to screen for pollutants of concern.

Monitoring results for metal constituents were all within local discharge limits.

Table 9.6 summarizes the minimum and maximum concentrations detected in DWUR during the reporting period. OC San's latest instantaneous discharge limits are included for comparison.

Table 9.6 Dry Weather Urban Runoff Compliance, FY 2024/25 Orange County Sanitation District			
Constituent	Minimum Concentration Reported (mg/L)	Maximum Concentration Reported (mg/L)	Instantaneous Discharge Limit (mg/L)
Ammonia N	ND (< 0.035)	3.67	None
BOD	ND (< 2.00)	20	None
TSS	ND (2.5)	190	None
Cadmium	ND (1.4×10^{-4})	0.055	1.0
Chromium	ND (1.3×10^{-4})	0.0017	20.0
Copper	ND (1.6×10^{-4})	0.365	3.0
Lead	ND (1.1×10^{-4})	0.023	2.0
Molybdenum	ND (1.1×10^{-4})	0.289	2.3
Nickel	ND (2.6×10^{-4})	0.134	10.0
Selenium	ND (1.7×10^{-4})	0.059	3.9
Zinc	ND (1.2×10^{-3})	0.240	10.0
Oil & Grease Min.	ND (0)	9.30	100.0
Pesticides	ND (0)	0	0.01
*ND = not detectable (below analytical detection or reporting limits) mg/L = milligrams per liter			

OC San's DWURD Program continues to play a critical role in protecting the quality of receiving waters along the Orange County coastline. In FY 2024/25, Orange County's beaches once again received highly favorable ratings in Heal the Bay's annual report, with an exceptional 34 beaches earning a place on the Honor Roll,⁴ more than triple the ten beaches recognized the previous year. Of these, 15 beaches are within OC San's service area.

OC San's DWURD program provides not only environmental benefits but also significant economic value to the Orange County by supporting the coastline's reputation as a premier tourist destination. By reducing urban runoff pollution and helping to keep our beaches open, the program continues to serve the recreational needs of the beach-going public while supporting the regional economy.

The program's scope has expanded in recent years with the addition of several key diversions: Big Canyon (February 1, 2015), Peters Canyon (July 1, 2016), Mid Big Canyon (August 9, 2017), and most recently Santa Ana Delhi (January 1, 2024). These facilities were constructed primarily to reduce selenium-laden runoff from reaching the Upper Newport Bay, thereby enhancing estuarine habitat for threatened and endangered species. According to the County of Orange estimate, diversions from the Peters Canyon Wash and Big Canyon tributaries could prevent 150 to 250 pounds of selenium from entering the bay each year. Based on FY 2024/25 flow and monitoring data, the Peters Canyon, Mid Big Canyon and Santa Ana Delhi diversions together prevented as much as 171 pounds of selenium from entering Upper Newport Bay during the reporting period.

By rerouting DWUR from stormwater pump stations, flood control channels, and natural conveyances before it reaches sensitive receiving waters, OC San supports regional public health protection and water quality enhancement, complementing its core mission of providing high quality collection, treatment, wastewater reclamation, and disposal of wastewater. Through these efforts, the DWURD program continues to provide vital protection for the Areas of Special Biological Significance along the Orange County coastline.

⁴ Heal the Bay. 2025. 2024-2025 Beach Report Card. Accessed from: <https://healthebay.org/beach-report-card-2024/>

9.5.4 Dry Weather Urban Runoff Diversion Locations

The diversion systems are located in four different watersheds in Orange County: Anaheim Bay – Huntington Harbor, Lower Santa Ana River, Newport Bay, and Newport Coastal. These watersheds encompass a variety of designated land uses, such as residential, commercial, industrial, and agriculture.

9.5.5 Dry Weather Urban Runoff Diversion Enforcement Actions

City of Newport Beach (CNB)

In FY 2024/25, OC San continued to address reporting deficiencies and non-compliance issues with CNB that have carried over from FY 2021/22, FY 2022/23, and FY 2023/24. Examples of non-compliance issues include failure to submit overdue documents required under permit conditions, discharge of DWUR during rain events, failure to conduct flow-meter calibration. Examples of reporting deficiencies include failure to provide meter readings in the correct units, insufficient explanation for inconsistent or misaligned reported data. By the close of the reporting period, CNB had not yet reported completed corrective actions or submitted overdue required documents. OC San will continue to pursue completion of these corrective actions in the next reporting period.

City of Huntington Beach (CHB)

No enforcement actions to CHB were conducted during FY 2024/25. During this period, CHB successfully completed OC San's DWURD requirements by submitting annual in-situ hydraulic calibration reports for all 11 diversions, and continuously monitoring and submitting adequate monthly Daily Discharge Flow Reports. OC San has continued to support CHB to verify and correct totalizer and volume reporting issues identified at the 1st CDS Unit.

County of Orange (OCPW/OCFCD)

In FY 2024/25, OCPW/OCFCD successfully implemented a corrective action plan to maintain the average daily discharge from the Santa Ana Delhi diversion below the permitted 1.94 MGD Maximum Average Daily Discharge Allowance, in accordance with the agreement between OC San and OCFCD. Additionally, OCPW/OCFCD completed required in-situ hydraulic calibrations for the effluent flow meters at the Huntington Beach Channel and the Santa Ana River Channel diversions, and continued work, with OC San support, to complete the required in-situ hydraulic calibration of the effluent flow meter at the Greenville Channel diversion.

9.6 Dental Amalgam Source Control Program

On June 14, 2017, the US EPA published technology-based pretreatment standards under the Clean Water Act to reduce discharges of mercury from dental offices into Publicly Owned Treatment Works. The Dental Office Point Source category requires dental offices to utilize amalgam separators and implement two BMPs. The Dental Office Point Source category became effective on July 14, 2017.

New dental facilities opened on or after July 14, 2017, designated Pretreatment Standards New Sources (PSNS), must immediately comply with pretreatment standards, including the installation of amalgam separators. A one-time compliance report must be submitted to OC San no later than 90 days following the introduction of wastewater to OC San. Although PSNS does not include the purchase of an existing dental facility, those facilities changing ownership must also submit their report no later than 90 days following the transfer. Existing facilities designated as Pretreatment Standards Existing Sources that started before July 14, 2017, without amalgam separators on June 14, 2017, were to install amalgam separators by July 14, 2020, and submit their one-time compliance reports by October 12, 2020. Existing dental facilities with amalgam separators on June 14, 2017, must replace those separators by June 14, 2027, or whenever the amalgam separator needs to be replaced, whichever is earlier.

To conform to this federal pretreatment program requirement, OC San implemented a Dental Amalgam Source Control Program to enable the dental offices to comply with this new regulation. OC San developed and posted Dental Office Point Source category information on the OC San website (www.ocsan.gov) complete with links to the US EPA's development document, effluent guidelines, fact sheet, and the applicable dental category regulation. This information was present on the website as of August 2017. Two

compliance report forms were developed for the dental facilities: a comprehensive form for facilities that place or remove amalgam, and a second exempt/limited form for facilities that only remove amalgam on a limited or emergency basis. The forms were first made available in September 2017, and a new form, combining the exempt and non-exempt forms, was made available in May 2022. As of January 2025, online forms were added to OC San's website, allowing draft forms to be submitted and reviewed more efficiently.

As required by the regulation, OC San implemented procedures for receiving, reviewing, and retaining dental office compliance reports. OC San has conducted multiple mass mailings to dental offices in OC San's service area since January 2018. As of the end of this reporting period OC San has received and processed over 2,000 reports. OC San is currently assisting nonresponding and new dental offices with their report submittal and by follow up emails, phone calls and on-site visits. These activities are ongoing.

9.7 Public Education and Outreach

In addition to the public education and outreach conducted by OC San's Public Affairs Office, Resource Protection Division staff routinely work with OC San's Member Agencies; attend interagency and professional organization meetings, conferences, and workshops; serve on committees, and make presentations. Working with other agencies and professional organizations benefits OC San by helping OC San keep abreast of potential future regulations and trends which may be beneficial or have impacts that OC San must prepare for, as well as providing information to the public about OC San's programs.

Appendix A. Monitoring and Compliance Status Report

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LIST OF SIGNIFICANT INDUSTRIAL USERS WITH MONITORING COMPLIANCE STATUS, FISCAL YEAR 2024/25
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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
A & G Electropolish	1- 531422	18330 Ward St, Fountain Valley, CA 92708	332813	433.17(a)	4	9	1	Zinc		Class 1 Permit Deactivated
A & K Deburring and Tumbling, Inc.	1- 511362	2008 S. Yale St, H Unit, Santa Ana, CA 92704	332812	403.5(d)	3	24	4			
AbbVie Inc.	1- 602206	18667 Teller Ave, Irvine, CA 92612	325412	439.17	5	46	14			
Access Business Group, LLC	1- 531435	5600 Beach Blvd, Buena Park, CA 90621	325412	439.47	4	63	28			
Accurate Circuit Engineering	1- 011138	3019 S. Kilson Dr, Santa Ana, CA 92707	334412	433.17(a)	4	32	8			
Active Plating, Inc.	1- 011115	1411 E. Pomona St, Santa Ana, CA 92705	332813	433.17(a)	7	45	68	Cadmium,pH,Zinc		
ADS Gold, Inc.	Z- 321851	3843 E. Eagle Dr, Anaheim, CA 92807	331410	433.17(a)	1	0	0			
Advance-Tech Plating, Inc.	1- 021389	1061 N. Grove St, Anaheim, CA 92806	332813	433.17(a)	7	33	58			
Advanced Thermal Sciences Corporation	Z- 600654	3355 E. La Palma Ave, Anaheim, CA 92806	336413	433.17(a)	1	0	0			
AdvancedPCB	1- 600689	250 E. Emerson Ave, Orange, CA 92865	334412	433.17(a)	6	47	29	Copper,Lead,pH		Formerly listed as APCT Anaheim
AdvancedPCB-OC	1- 600503	1900 Petra Ln, C Unit, Placentia, CA 92870	334412	433.17(a)	4	27	61	Copper		Formerly listed as APCT Orange County)
Air Industries Company, A PCC Company (Chapman)	1- 031013	7100 Chapman Ave, Garden Grove, CA 92841	332722	403.5(d)	4	14	8			

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Air Industries Company, A PCC Company (Knott)	1-531404	12570 Knott St, Garden Grove, CA 92841	332722	433.17(a), 471.35(dd), 471.35(ee), 471.35(ff), 471.35(h), 471.35(i), 471.35(k), 471.35(l), 471.35(r), 471.35(s), 471.35(t), 471.35(u), 471.35(v), 471.35(y), 471.35(z), 471.65(f), 471.65(g), 471.65(h), 471.65(j), 471.65(l), 471.65(m), 471.65(n), 471.65(o), 471.65(p), 471.65(q), 471.65(r), 471.65(s), 471.65(u), 471.65(w), 471.65(x)	5	40	58	Cadmium		
Aircraft Repair Overhaul Service	1-021192	1186 N. Grove St, Anaheim, CA 92806	336411	433.17(a)	5	18	7			Formerly listed as A R O SERVICE
All Metals Processing of Orange County, LLC	1-031110	8401 Standustrial St, Stanton, CA 90680	332813	433.17(a)	4	37	20			
Alliance Medical Products, Inc.	1-541182	9342 Jeronimo Rd, Irvine, CA 92618	325412	439.47	4	58	14			

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Alliance Spacesystems, LLC	Z-602284	4398 Corporate Center Dr, Los Alamitos, CA 90720	336419	433.17(a)	0	0	0			New Zero Discharge Certification Issued
Allied Electronic Services dba of Caltronics Circuits, LLC	1-011073	1342 E. Borchard Ave, Santa Ana, CA 92705	334412	433.17(a)	4	30	8			Formerly listed as ALLIED ELECTRONICS SERVICES
Allied International	1-031107	6700 Caballero Blvd, Buena Park, CA 90620	325611	417.166, 417.176, 417.66, 417.86	4	25	13			
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)	4	25	28	Zinc		
Alloy Tech Electropolishing, Inc.	1-011036	2220 S. Huron Dr, Santa Ana, CA 92704	332812	433.17(a)	4	34	20	Molybdenum		
Alsco, Inc. dba Alsco Uniforms	1-021656	1755 S. Anaheim Blvd, Anaheim, CA 92802	812331	403.5(d)	4	24	16			
Aluminum Precision Products, Inc. (Alton).	1-071035	502 E. Alton Ave, Santa Ana, CA 92707	332112	467.46	4	28	22	Copper		Formerly listed as ALUMINUM FORGE - DIV. OF ALUM. PRECISION
Aluminum Precision Products, Inc. (Central)	1-011038	3132 W. Central Ave, Santa Ana, CA 92704	332112	467.45	4	24	10			
Aluminum Precision Products, Inc. (Susan)	1-011100	2621 S. Susan St, Santa Ana, CA 92704	332112	467.45, 467.46	4	23	39	Copper,Zinc		
Aluminum Precision Products, Inc. (Warner)	1-511387	3323 W. Warner Ave, Santa Ana, CA 92704	332112	467.46	4	20	9			

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Amerimax Building Products	1-021102	1411 N. Daly St, Anaheim, CA 92806	332812	465.35	2	0	0			Class 1 Permit Deactivated
Ameripecc, Inc.	1-031057	6965 Aragon Cir, Buena Park, CA 90620	312111	403.5(d)	4	21	0			
AMS Coatings, Inc	Z-602215	2102 S. Wright St, Santa Ana, CA 92705	332812	433.17(a)	1	0	0			
Anaheim Extrusion Co., Inc.	1-021168	1330 & 1340 N. Kraemer Blvd, Anaheim, CA 92806	331318	467.35(c)	4	19	7			
Andres Technical Plating	1-521798	1055 Ortega Way, C Unit, Placentia, CA 92870	332813	433.17(a)	4	20	22			
Anillo Industries	1-602260	2090 N. Glassell St, Orange, CA 92865	332813	433.17(a)	4	35	28			
AnoChem Coatings	1-600295	1102 E. Washington Ave, Santa Ana, CA 92701	332813	433.17(a)	4	36	8			
Anodyne, Inc.	1-511389	2230 S. Susan St, Santa Ana, CA 92704	332813	433.17(a)	4	21	38			
Anomil Ent. Dba Danco Metal Surfacing	1-011155	401 W. Rowland St, Santa Ana, CA 92707	332813	433.17(a)	4	32	20			
Arrowhead Operating Inc.	1-601062	219 First St, Huntington Beach, CA 92648	211111	435.34(b)	4	21	4			

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Arrowhead Products Corporation	1-031137	4411 Katella Ave, Los Alamitos, CA 90720	336413	420.96(c)(5), 471.35(bb), 471.35(dd), 471.35(ff), 471.35(j), 471.35(l), 471.35(r), 471.35(s), 471.35(t), 471.35(u), 471.35(v), 471.65(i), 471.65(j), 471.65(m), 471.65(n), 471.65(o), 471.65(p), 471.65(q), 471.65(s), 471.65(w), 471.65(x)	6	38	56	Fluoride		
Astech Engineered Products	1-602005	3030 Redhill Ave, Santa Ana, CA 92705	336412	433.17(a)	4	37	16			Formerly listed as Astech Engineered Products (3)
Astech Engineered Products, Inc. (Bldg. 2 Outside)	Z-602004	3030 Redhill Ave, Santa Ana, CA 92705	336412	471.65(m), 471.65(n), 471.65(o), 471.65(p), 471.65(q)	2	0	0			Formerly listed as Astech Engineered Products, Inc. (Bldg. 2 Outside) (2)
Astra Packaging, Inc	1-602414	5450 Dodds Ave, Buena Park, CA 90621	322211	403.5(d)	1	5	0			New Class 1 Permit Issued Formerly listed as ASTRA PACKAGING
Auto-Chlor System of Washington, Inc.	1-511384	530 Goetz Ave, Santa Ana, CA 92707	325611	417.166	4	23	9			
Avid Bioservices, Inc.	1-571332	14191 Myford Rd, Tustin, CA 92780	325412	439.17, 439.27	5	56	72			

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B&B Enameling, Inc.	Z-331432	17591 Sampson Ln, Huntington Beach, CA 92647	332812	433.17(a)	1	0	0			
B. Braun US Pharmaceutical MFG LLC (East/Main)	1-071054	2525 McGaw Ave, Irvine, CA 92614	325412	439.47, 463.26, 463.36	4	42	10			Formerly listed as B. Braun Medical, Inc. (West/Lake)
B. Braun US Pharmaceutical MFG LLC (North/Alton)	1-600382	2206 Alton Pkwy, Irvine, CA 92614	325412	439.47	5	57	14			Formerly listed as B. Braun Medical, Inc. (North/Alton)
B. Braun US Pharmaceutical MFG LLC (West/Lake)	1-541183	2525 McGaw Ave, Irvine, CA 92614	325412	439.47, 463.16, 463.26, 463.36	4	58	14			Formerly listed as B. Braun Medical, Inc. (West/Lake)
B/E Aerospace Machined Products, Inc.	Z-601769	7155 Fenwick Ln, Westminster, CA 92683	336413	433.17(a)	0	0	0			Formerly listed as B/E Aerospace Machine Products
Basic Electronics, Inc.	1-031094	11371 Monarch St, Garden Grove, CA 92841	334412	433.17(a)	5	20	8			
Basin Marine, Inc.	1-602301	829 Harbor Island Dr, #A Unit, Newport Beach, CA 92660	336611	403.5(d)	0	0	0			New Class 1 Permit Issued
Baxter Healthcare Corporation	1-601951	17511 Armstrong Ave, Irvine, CA 92614	339112	428.56(a)	4	25	8			
BAZZ HOUSTON CO .	1-031010	12700 Western Ave, Garden Grove, CA 92841	33211	403.5(d)	4	25	13			
Beckman Coulter, Inc.	1-521824	200 S. Kraemer Blvd, Brea, CA 92821	334516	433.17(a)	5	17	5			
Beo-Mag Plating	1-511370	3315 W. Harvard St, Santa Ana, CA 92704	332813	433.17(a)	4	34	30			

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Beverage Visions LLC (Yorba Linda)	1- 601449	24855 Corbit Pl, Yorba Linda, CA 92887	311421	403.5(d)	4	24	0			
beyondGREEN Biotech, Inc.	Z- 602218	1202 E. Wakeham Ave, Santa Ana, CA 92705	325211	463.16	1	0	0			New Zero Discharge Certification Issued
Bimbo Bakeries U.S.A, Inc.	1- 521838	500 S. Placentia Ave, Placentia, CA 92870	311812	403.5(d)	4	19	4			
Bioduro LLC (Fairbanks)	1- 601616	72 Fairbanks Unk, Irvine, CA 92618	325412	439.47	4	54	33			
Bioduro LLC (Jeronimo)	1- 601617	9601 Jeronimo Rd, Irvine, CA 92618	325412	439.52	4	52	33			
Black Oxide Industries, Inc.	1- 021213	1735 Orangethorpe Park, Anaheim, CA 92801	332812	433.17(a)	4	26	7			
Blower-Dempsey Corp. DBA Pacific Western Container	1- 511371	4044 W. Garry Ave, Santa Ana, CA 92704	322211	403.5(d)	4	19	7	Molybdenum		
Blue Lake Energy	1- 521785	5825 Casson Dr, Yorba Linda, CA 92886	211111	435.34(b)	4	16	4			
Blue Ribbon Container and Display, Inc.	1- 601468	5450 Dodds Ave, Buena Park, CA 90621	322211	403.5(d)	3	19	5	Molybdenum		Class 1 Permit Deactivated
Bodycote Thermal Processing	1- 031120	7474 Garden Grove Blvd, Westminster, CA 92683	332811	403.5(d)	2	6	1			Class 1 Permit Deactivated
Brasstech, Inc	1- 600316	1301 E. Wilshire Ave, Santa Ana, CA 92705	332813	433.17(a)	5	18	6		Published as SNC for reporting violation(s)	

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Brea Power II, LLC	1-521837	1935 Valencia Ave, Brea, CA 92823	221118	403.5(d)	5	26	3	pH		
Bridge Energy, LLC	1-600398	2744 Valencia Ave, Brea, CA 92821	211111	435.34(b)	4	12	4			Class 1 Permit Deactivated
Brindle/Thomas - Bradley	1-531428	221 1st St, Huntington Beach, CA 92648	211111	435.34(b)	4	29	4			
Brindle/Thomas - Brooks & Kohlbush	1-531429	18462 Edwards St, Huntington Beach, CA 92648	211111	435.34(b)	4	23	4			
Brindle/Thomas - Catalina & Copeland	1-531430	18851 Stewart Ln, Huntington Beach, CA 92648	211111	435.34(b)	4	37	4			
Brindle/Thomas - Dabney & Patton	1-531427	19192 Stewart Ln, Huntington Beach, CA 92648	211111	435.34(b)	4	28	4			
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), 471.65(f), 471.65(u), 471.65(w), 471.65(x)	6	52	147	CN,Fluoride		
Brothers International Desserts (North)	1-600583	1682 Kettering St, Irvine, CA 92614	311520	405.86	4	20	3		Published as SNC for reporting violation(s)	

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Brothers International Desserts (West)	1- 600582	1682 Kettering St, Irvine, CA 92614	311520	405.86	4	20	3		Published as SNC for reporting violation(s)	
Cadillac Plating, Inc.	1- 021062	1147 W. Struck Ave, Orange, CA 92867	332813	433.17(a)	7	37	59	Zinc		
Cal-Aurum Industries	1- 111089	15632 Container Ln, Huntington Beach, CA 92649	332813	433.17(a)	3	34	28			Formerly listed as CAL-AURUM INDUSTRIES INC.
CALI CHEM INC. DBA BE BEAUTY	1- 601976	14271 Corporate Dr, B Ste, Garden Grove, CA 92843	325620	417.86	4	25	6	O&G min.		Formerly listed as Cali Chem Inc. dba Be Beauty
California Faucets Inc.	Z- 331431	5231 Argosy Ave, Huntington Beach, CA 92649	332913	433.17(a)	1	0	0			Formerly listed as CALIFORNIA FAUCETS
California Gasket and Rubber Corporation	1- 521832	533 W. Collins Ave, Orange, CA 92867	339991	428.66(a)	6	26	4			
CalNRG Operating, LLC	1- 601486	2930 E. Frontera St, A Unit, Anaheim, CA 92806	211111	435.34(b)	4	15	4			
Cargill, Inc.	1- 031060	600 N. Gilbert St, Fullerton, CA 92833	311225	403.5(d)	4	19	25			
Catalina Cylinders, Inc.	1- 031021	7300 Anaconda Ave, Garden Grove, CA 92841	331318	467.46	4	24	10			Formerly listed as CATALINA CYLINDERS, A DIV. OF APP
CD Video Manufacturing Inc	1- 511076	12650 Westminster Ave, Santa Ana, CA 92706	334613	433.17(a)	4	18	11			Formerly listed as CD Video, Inc.

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Chromadora, Inc.	1- 511414	2515 S. Birch St, Santa Ana, CA 92707	332813	433.17(a)	6	30	65			
Circuit Technology, Inc.	1- 521821	1911 N. Main St, Orange, CA 92865	334412	433.17(a)	4	27	7			
City of Anaheim Public Utilities Department	1- 021073	6751 E. Walnut Canyon Rd, Anaheim, CA 92807	221310	403.5(d)	4	24	52			
City of Anaheim, Public Utilities Department (CPP)	1- 600296	3071 E. Miraloma Ave, Anaheim, CA 92806	22112	403.5(d)	4	22	2			Formerly listed as City of Anaheim, Public Utilities Department
City of Anaheim, Public Utilities Dept. - Water Services (WRF)	1- 521843	210 S. Anaheim Blvd, Anaheim, CA 92805	221320	403.5(d)	3	10	0	pH		
City of Fullerton (Public Works Department)	1- 601835	1600 W. Commonwealth Ave, Fullerton, CA 92833	921190	403.5(d)	5	24	5			
City of Newport Beach (West Coast Hwy - Oil Extraction)	1- 600584	5810 West Coast Hwy, Newport Beach, CA 92660	211111	435.34(b)	4	19	16			
City of Tustin - Maintenance Yard	1- 071058	1472 Service Rd, Tustin, CA 92780	921190	403.5(d)	4	20	15			
City of Tustin Water Service (17th St.)	1- 071013	18602 E. 17th St, Santa Ana, CA 92705	221310	403.5(d)	4	21	2			
CJ Foods Manufacturing LLC	1- 602061	500 S. State College Blvd, Fullerton, CA 92831	311824	403.5(d)	5	22	12			
Cla-Val Co. Div. of Griswold Industries	Z- 361103	1701 Placentia Ave, Costa Mesa, CA 92627	332911	433.17(a)	4	0	0			Formerly listed as CLA-VAL CO. DIV. OF GRISWOLD IND.

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Coastline High Performance Coatings, LTD	1-600812	7181 Orangewood Ave, Garden Grove, CA 92841	332812	433.17(a)	4	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)	8	37	6			
Color Fashion Dye and Finishing, LLC	1-602149	1365 N. Knollwood Cir, Anaheim, CA 92801	313310	410.54	4	23	1			
Colores Powder Coating	Z-601858	2905 E. Blue Star St, Anaheim, CA 92806	332812	433.17(a)	1	0	0			
Columbine Associates	1-521784	4660 San Antonio Rd, E. on B St Dir, Yorba Linda, CA 92886	211111	435.34(b)	6	20	4	O&G min.	Published as SNC for discharge violation(s)	
Continuous Coating Corp.	1-601999	520 W. Grove Ave, Orange, CA 92865	332812	433.17(a), 465.15	4	28	19			
Cooper and Brain, Inc.	1-031070	1390 Site Dr, Brea, CA 92821	211111	435.33(b)	4	24	2		Published as SNC for reporting violation(s)	
Corru-Kraft Buena Park	1-600806	6200 Caballero Blvd, Buena Park, CA 90620	322211	403.5(d)	4	20	12			Class 1 Permit Deactivated
Corru-Kraft Fullerton	1-601450	1911 E. Rosslynn Ave, Fullerton, CA 92831	322211	403.5(d)	5	21	4			
CP-Carrillo, Inc. (Armstrong)	1-600920	17401 Armstrong Ave, Irvine, CA 92614	336310	433.17(a)	4	19	6			
CP-Carrillo, Inc. (McGaw)	1-571316	1902 McGaw Ave, Irvine, CA 92614	336310	403.5(d)	5	18	6			

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CPPG, Inc.	Z-321813	3911 E. Miraloma Ave, Anaheim, CA 92806	333999	433.17(a)	1	0	0			
Crest Coating, Inc.	1-021289	1361 S. Allec St, Anaheim, CA 92805	332812	433.17(a)	4	26	7			
CRH California Water, Inc.	1-011051	502 S. Lyon St, Santa Ana, CA 92701	312112	403.5(d)	3	12	4			
Custom Enamelers, Inc.	1-021297	18340 Mount Baldy Cir, Fountain Valley, CA 92708	332812	433.17(a)	6	34	8			
Cytec Engineered Materials	Z-600005	1440 N. Kraemer Blvd, Anaheim, CA 92806	325520	433.17(a)	1	0	0			
D.F. Stauffer Biscuit Co., Inc.	1-600414	4041 W. Garry Ave, Santa Ana, CA 92704	311821	403.5(d)	4	20	4			
Dae Shin USA, Inc.	1-031102	610 N. Gilbert St, Fullerton, CA 92833	313310	410.56	9	5	0			Class 1 Permit Deactivated
Darling Ingredients, Inc.	1-511378	2624 S. Hickory St, Santa Ana, CA 92707	562998	403.5(d)	4	26	8			
Data Electronic Services, Inc.	1-011142	410 Nantucket Pl, Santa Ana, CA 92703	334412	433.17(a)	4	34	60			
Data Solder Inc.	1-602480	2915 S. Kilson Dr, Santa Ana, CA 92707	334412	433.17(a)	0	0	0			New Class 1 Permit Issued Formerly listed as Data Solder (2)
Data Solder, Inc.	1-521761	2915 S. Kilson Dr, Santa Ana, CA 92707	334412	433.17(a)	5	20	8			Class 1 Permit Deactivated
Dayton Flavors, Inc.	1-600038	580 S. Melrose St, Placentia, CA 92870	311930	403.5(d)	4	13	4			

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Dentium USA	Z-602501	6761 Katella Ave, Cypress, CA 90630	339113	433.17(a)	2	0	0			New Zero Discharge Certification Issued
Derm Cosmetic Labs, Inc.	Z-600455	6370 Altura Blvd, Buena Park, CA 90620	325611	417.156, 417.166, 417.66, 417.86	1	0	0			
Diamond Environmental Services, LP	1-600244	1801 Via Burton None, B Unit, Fullerton, CA 92831	562991	403.5(d)	4	22	4			
DNR Industries, Inc.	Z-601019	1562 S. Anaheim Blvd, A&B Ste, Anaheim, CA 92805	811111	433.17(a)	1	0	0			
Dona Tina, LLC. / Northgate Gonzalez, LLC.	1-602333	2450 White Rd, Irvine, CA 92614	311991	432.126, 432.56	2	10	0		Published as SNC for reporting violation(s)	New Class 1 Permit Issued
Dr. Smoothie Enterprises - DBA Revolution Group	1-600131	1730 Raymer Ave, Fullerton, CA 92833	311930	403.5(d)	1	6	1			Class 1 Permit Deactivated
Dr. Squatch Bricc City	1-602045	114 N. Berry St, Brea, CA 92821	325611	417.16, 417.76	8	31	7	O&G min.	Published as SNC for discharge and reporting violation(s)	
DRS Network & Imaging Systems, LLC	1-531405	10600 Valley View St, Cypress, CA 90630	334413	469.18(a)	4	17	4			
DS Services of America	1-021393	1522 N. Newhope St, Santa Ana, CA 92703	312112	403.5(d)	4	18	2			
Ducommun Aerostructures, Inc.	1-021105	1885 N. Batavia St, Orange, CA 92865	336413	433.17(a)	4	26	26	Copper		

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Dunham Metal Plating Inc.	1- 601023	1764 N. Case St, Orange, CA 92865	332813	433.17(a)	4	21	17			Class 1 Permit Deactivated
Dunham Metal Processing	1- 021325	936 N. Parker St, Orange, CA 92867	332813	433.17(a)	4	28	7			
E&B Natural Resources - Angus Petroleum Corporation	1- 600254	1901 California St, Huntington Beach, CA 92648	211111	435.34(b)	5	20	7			
Eco Pure LLC	1- 601406	1920 E. Warner Ave, Santa Ana, CA 92705	812220	403.5(d)	4	13	4			Class 1 Permit Deactivated
EFT Fast Quality Service, Inc.	1- 011064	2328 S. Susan St, Santa Ana, CA 92704	334412	433.17(a)	3	21	8			
Elasco Urethane, Inc.	1- 602026	11377 Markon Dr, Garden Grove, CA 92841	325211	414.56, 463.26	4	15	4			
Electro Metal Finishing Corporation	1- 021158	1194 N. Grove St, Anaheim, CA 92806	332812	433.17(a)	4	16	55			
Electrode Technologies, Inc. dba Reid Metal Finishing	1- 511376	3110 W. Harvard St, Santa Ana, CA 92704	332813	433.17(a)	4	30	29	Cadmium, Nickel		
Electrolurgy, Inc.	1- 071162	1121 Duryea Ave, Irvine, CA 92614	332813	433.17(a)	6	22	72			
Electron Plating III, Inc.	1- 021336	13932 Enterprise Dr, Garden Grove, CA 92843	332813	433.17(a)	6	35	20			
Electronic Precision Specialties, Inc.	1- 021337	537 West Mercury Ln, Brea, CA 92821	332813	433.17(a)	4	36	19			
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)	5	34	24	Cadmium		

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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)	4	30	16			
Emerald SoCal, LLC / Emerald Orange	1- 601615	1575 N. Case St, Orange, CA 92867	812332	403.5(d)	4	20	4			
Excello Circuits, Inc. (Hunter)	1- 601356	5330 E. Hunter Ave, Anaheim, CA 92807	334412	433.17(a)	5	38	8			
Fabcon, Inc.	Z- 602282	1800 E. St. Andrew Pl, Santa Ana, CA 92705	332322	433.17(a)	0	0	0			New Zero Discharge Certification Issued
Fabrica International, Inc.	1- 011278	3201 S. Susan St, Santa Ana, CA 92704	314110	410.66	4	20	0			
Fineline Circuits & Technology, Inc.	1- 021121	594 Apollo St, Brea, CA 92821	334412	433.17(a)	5	29	7			
Flare Group dba Aviation Equipment Processing	1- 071037	1571 MacArthur Blvd, Costa Mesa, CA 92626	336412	433.17(a)	4	11	4			Formerly listed as AVIATION EQUIPMENT PROCESSING
FMH Aerospace Corp.	1- 600585	17072 Daimler St, Irvine, CA 92614	336413	433.17(a), 467.16, 471.65(m), 471.65(n), 471.65(p), 471.65(q), 471.65(w)	4	34	72			
FujiFilm Irvine Scientific, Inc.	1- 600977	2511 Daimler St, Santa Ana, CA 92705	325414	439.47	5	67	15			
Fullerton Custom Works, Inc.	Z- 331424	1163 E. Elm Ave, Fullerton, CA 92831	332813	433.17(a)	3	0	0			

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Gallade Chemical, Inc.	1-011257	1230 E. Saint Gertrude Pl, Santa Ana, CA 92707	424690	403.5(d)	4	19	4			
Garden Grove Unified School District, Maintenance Center	1-602044	8211 Lampson Ave, Garden Grove, CA 92841	485410	403.5(d)	1	0	0			New Class 1 Permit Issued
Gemtech Coatings	Z-600544	2737 S. Garnsey St, Santa Ana, CA 92707	332812	433.17(a)	1	0	0			
Gemtech Coatings (Explorer)	1-601761	593 Explorer St, Brea, CA 92821	332812	433.17(a)	4	28	8			
Gemtech LLC DBA Powdercoat Services (Building E)	1-602402	307 N. Euclid Way, E Bldg, Anaheim, CA 92801	332812	433.17(a)	2	9	2			New Class 1 Permit Issued Formerly listed as Powdercoat Services (Gemtech Coatings Bldg E)
Gemtech LLC DBA Powdercoat Services (Building J)	1-602403	237 N. Euclid Way, J Bldg, Anaheim, CA 92801	332812	433.17(a)	2	9	2			New Class 1 Permit Issued Formerly listed as Powdercoat Services (Gemtech Coatings Bldg J)
Gemtech LLC DBA Powdercoat Services (Building L)	1-602405	1747 W. Lincoln Ave, L Bldg, Anaheim, CA 92801	332812	433.17(a)	2	9	0			New Class 1 Permit Issued Formerly listed as Powdercoat Services (Gemtech Coatings Bldg L)
GKN Aerospace Transparency Systems	1-531401	12122 Western Ave, Garden Grove, CA 92841	336413	403.5(d)	5	16	12			

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Gold Coast Bakery, LLC	1-602506	1505 E. Warner Ave, Santa Ana, CA 92705	311812	403.5(d)	0	0	0			New Class 1 Permit Issued
Gold Coast Baking Company, LLC	1-602258	1505 E. Warner Ave, Santa Ana, CA 92705	311812	403.5(d)	6	19	3	pH		Class 1 Permit Deactivated
GOODWIN CO.	1-031043	12361 Monarch St, Garden Grove, CA 92841	325611	417.166	7	32	29	O&G min.	Published as SNC for discharge violation(s)	
Graphic Packaging International, Inc.	1-571314	1600 Barranca Pkwy, Irvine, CA 92606	322212	403.5(d)	5	21	4			
Hannah Industries, Inc. DBA South Coast Water	1-511405	401 S. Santa Fe St, Santa Ana, CA 92705	333318	403.5(d)	4	20	6			
Harbor Truck Bodies, Inc.	1-021286	255 Voyager Ave, Brea, CA 92821	336211	433.17(a)	4	30	19			
Harry's Dye & Wash, Inc.	1-521746	1015 E. Orangethorpe Ave, Anaheim, CA 92801	313310	410.44, 410.54	4	22	12			
Hartwell Corporation	1-021381	900 Richfield Rd, Placentia, CA 92870	332999	403.5(d)	5	29	7			
Hellman Properties, LLC	1-600273	1650 Adolfo Lopez Dr, Seal Beach, CA 90740	211111	435.34(b)	4	35	6			
Hi Tech Solder	1-521790	700 Monroe Way, Placentia, CA 92870	334412	433.17(a)	4	35	21	Cadmium		
Hixson Metal Finishing	1-061115	829 & 835 Production Pl, Newport Beach, CA 92663	332813	433.17(a)	4	34	45	CN		

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House Foods America Corporation (East)	1-600906	7351 Orangewood Ave, Garden Grove, CA 92841	311991	403.5(d)	4	21	0			
House Foods America Corporation (West)	1-031072	7351 Orangewood Ave, Garden Grove, CA 92841	311991	403.5(d)	4	21	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)	6	53	31	CN		
HSH Interplan USA, Inc.	1-602179	1564 S. Anaheim Blvd, B Ste, Anaheim, CA 92805	238320	403.5(d)	6	31	9	Sulfide		
Hyatt Die Cast & Engineering Corporation	Z-331236	4656 Lincoln Ave, Cypress, CA 90630	331523	464.16(a), 464.16(b), 464.16(c), 464.16(h), 464.46(a), 464.46(b), 464.46(d)	1	0	0			

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Ideal Anodizing, Inc.	1- 021041	1250 N. Blue Gum St, Anaheim, CA 92806	332813	433.17(a)	4	34	7			
Ikon Powder Coating, Inc.	1- 521756	1375 N. Miller St, Anaheim, CA 92806	332812	433.17(a)	5	18	7			
Image Technology, Inc.	1- 521755	1380 N. Knollwood Cir, Anaheim, CA 92801	325611	417.86	4	9	2			
Imuraya USA, Inc.	1- 541178	2502 Barranca Pkwy, Irvine, CA 92606	311520	405.86	4	21	4			
Independent Forge Company	Z- 601008	692 N. Batavia St, Orange, CA 92868	332112	467.45	1	0	0			
Industrial Coating, Inc.	Z- 601061	2990 E. Blue Star St, Anaheim, CA 92806	332812	433.17(a)	1	0	0			
Industrial Metal Finishing, Inc.	1- 521828	1941 Petra Ln, Placentia, CA 92870	332813	403.5(d)	7	16	6			
Intec Products, Inc.	1- 021399	1145 N. Grove St, Anaheim, CA 92806	314999	410.46, 410.56	4	21	4			
International Paper Company (Anaheim)	1- 521820	601 E. Ball Rd, Anaheim, CA 92805	322211	403.5(d)	6	20	7			
International Paper Company (Buena Park Bag)	1- 531419	6485 Descanso Ave, Buena Park, CA 90620	322224	403.5(d)	3	15	7			
International Paper Company (Buena Park Container)	1- 031171	6211 Descanso Ave, Buena Park, CA 90620	322211	403.5(d)	4	13	5			
Irvine Ranch Water District (Howiler WTP)	1- 602499	5454 Taft Ave, Orange, CA 92867	221310	403.5(d)	1	0	1			New Class 1 Permit Issued

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Irvine Ranch Water District (Wells 21/22 Desalter)	1- 571327	1221 Edinger Ave, Tustin, CA 92780	221310	403.5(d)	3	7	1			
Irvine Ranch Water District - DATS	1- 011075	1704 W. Segerstrom Ave, Santa Ana, CA 92704	221310	403.5(d)	4	18	6			
IsoTis OrthoBiologics, Inc.	1- 601134	2 Goodyear None, Irvine, CA 92618	339112	403.5(d)	4	21	2			
J and J Operators LLC	1- 601614	18962 Stewart Ln, Huntington Beach, CA 92648	211111	435.34(b)	4	20	4			
J&J Marine Acquisition Co., LLC	1- 551152	151 Shipyard Way, 7 Ste, Newport Beach, CA 92663	336611	403.5(d)	5	4	7	Zinc		
JD Processing, Inc. (East)	1- 511407	2220 Cape Cod Way, Santa Ana, CA 92703	332813	433.17(a)	3	31	20			
JD Processing, Inc. (West)	1- 600978	2310 Cape Cod Way, Santa Ana, CA 92703	332813	433.17(a)	4	0	0			
Jellco Container, Inc.	1- 021402	1151 N. Tustin Ave, Anaheim, CA 92807	322212	403.5(d)	4	17	6			
JOHN A. THOMAS - BOLSA OIL	1- 031065	18701 Edwards St, Huntington Beach, CA 92648	211111	435.34(b)	4	33	7			
Joint Forces Training Base, Los Alamitos	1- 031270	4230 Constitution Ave, 35 Bldg, Los Alamitos, CA 90720	928110	403.5(d)	4	18	2			
Kenlen Specialities, Inc.	1- 021171	11691 Coley River Cir, Fountain Valley, CA 92708	332812	433.17(a)	8	18	8			

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Kinsbursky Brothers Supply, Inc.	1-021424	1314 N. Anaheim Blvd, Anaheim, CA 92801	423930	403.5(d)	4	19	6			
Kirkhill, Inc. (North)	1-600608	300 E. Cypress St, Brea, CA 92821	339991	428.76(a)	5	24	7			
Kirkhill, Inc. (South)	1-600609	300 E. Cypress St, Brea, CA 92821	339991	428.76(a)	11	24	8			
Koia Anaheim Facility, LLC	1-601767	4940 E. Landon Dr, Anaheim, CA 92807	311421	403.5(d)	5	21	2		Published as SNC for reporting violation(s)	
Kryler Corporation	1-021428	1217 E. Ash Ave, Fullerton, CA 92831	332813	433.17(a)	4	39	8			
La Habra Bakery	1-031029	850 S. Cypress St, La Habra, CA 90631	311812	403.5(d)	4	25	12			
La Habra Plating Company	Z-331399	900 S. Cypress St, La Habra, CA 90631	332813	433.17(a)	1	0	0			
Legrand DPC, LLC	Z-601203	1443 S. Sunkist St, Anaheim, CA 92806	423430	433.17(a)	1	0	0			
LGM Pharma Solutions LLC	1-601313	17802 Gillette Ave, Irvine, CA 92614	325412	439.47	4	59	23	acetone		Formerly listed as LGM Subsidiary Holdings LLC
Lightning Diversion Systems, LLC	1-600338	16572 Burke Ln, Huntington Beach, CA 92647	336413	433.17(a)	6	24	13	Copper		
Linco Industries, Inc.	1-021253	528 S. Central Park Ave, W. , Anaheim, CA 92802	332812	433.17(a)	5	31	18			

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LM Chrome Corporation	1-511361	654 Young St, Santa Ana, CA 92705	332813	433.17(a)	7	41	24	Sulfide		
Los Alamitos Race Course	1-602367	4961 Katella Ave, Cypress, CA 90720	711212	412.3	3	16	2		Published as SNC for reporting violation(s)	New Class 1 Permit Issued
Magma Finishing Corp.	Z-321810	2294 N. Batavia St, D Ste, Orange, CA 92865	332813	433.17(a)	3	0	0			
Magnetic Metals Corporation	1-531391	2475 W. La Palma Ave, Anaheim, CA 92801	334416	433.17(a)	4	21	8			
Manufactured Packaging Products	1-521793	3200 Enterprise St, Brea, CA 92821	322211	403.5(d)	4	21	6			
Manufactured Packaging Products (MPP Fullerton)	1-021681	1901 E. Rosslynn Ave, Fullerton, CA 92831	322211	403.5(d)	5	26	7			Class 1 Permit Deactivated
Maruchan, Inc. (Deere)	1-071024	1902 Deere Ave, Irvine, CA 92606	311824	403.5(d)	4	13	5			
Maruchan, Inc. (Deere-South)	1-601021	1902 Deere Ave, Irvine, CA 92606	311824	403.5(d)	4	13	5			
Maruchan, Inc. (Laguna Cyn)	1-141015	15800 Laguna Canyon Rd, Irvine, CA 92618	311824	403.5(d)	5	13	9			
Marukome USA, Inc.	1-141023	17132 Pullman St, Irvine, CA 92614	311991	403.5(d)	4	21	4			
Master Wash, Inc.	1-511399	3120 Kilson Dr, Santa Ana, CA 92707	811192	403.5(d)	5	10	4			
MBV-CA, LLC	1-602131	1226 N. Olive St, Anaheim, CA 92801	312111	403.5(d)	4	21	0			

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McKenna Labs, LLC	1-021422	1601 E. Orangethorpe Ave, Fullerton, CA 92831	325620	417.86, 439.47	4	65	35			Formerly listed as McKenna Labs, Inc.
McKenna Labs, LLC (Acacia)	1-601842	1101 S. Acacia Ave, Fullerton, CA 92831	325620	417.86, 439.47	4	51	42			Formerly listed as McKenna Labs, Inc. (Acacia)
MCP Foods, Inc. DbA DSM-Firmenich	1-602062	424 S. Atchison St, Anaheim, CA 92805	311942	403.5(d)	4	21	0			
Mechanized Science Seals, Inc. DBA: MS Bellows	1-111007	5322 McFadden Ave, Huntington Beach, CA 92649	334519	433.17(a)	3	23	8	Copper,Zinc		Formerly listed as MS BELLOWS
Medtronic Heart Valves, Inc.	1-602180	1851 E. Deere Ave, Santa Ana, CA 92705	339113	403.5(d)	4	21	4			
Medtronic plc	Z-602209	5290 California Ave, Irvine, CA 92617	541715	433.17(a)	1	0	0			
Meggitt Orange County	1-601843	4 Marconi None, Irvine, CA 92618	334519	433.17(a)	5	16	19			
Merical, LLC	1-600655	233 E. Bristol Ln, Orange, CA 92865	325411	439.47	4	30	19			
MeriCal, LLC	1-602025	2995 E. Miraloma Ave, Anaheim, CA 92806	325411	439.47	4	69	40	pH		
Mesa Water District	1-061007	1350 Gisler Ave, Costa Mesa, CA 92626	221310	403.5(d)	4	22	6			
Micro Precision Swiss, LLC	Z-601490	3233 W. Harvard St, Santa Ana, CA 92704	339113	433.17(a)	1	0	0			
Micrometals, Inc.	1-021153	5615 E. La Palma Ave, Anaheim, CA 92807	334416	471.105(e)	4	17	6	CN	Published as SNC for discharge violation(s)	

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MTC Corp	1- 600443	17375 Mount Hermann St, Fountain Valley, CA 92708	336111	426.66	4	21	2			
MTC Corp (North)	1- 602406	11161 Slater Ave, Fountain Valley, CA 92708	336111	403.5(d)	1	7	2			New Class 1 Permit Issued
MTC Corp (South)	1- 602386	11161 Slater Ave, Fountain Valley, CA 92708	336111	403.5(d)	1	7	2			New Class 1 Permit Issued
Murrietta Circuits	1- 521811	5000 E. Landon Dr, Anaheim, CA 92807	334412	433.17(a)	4	26	7			
Nalco Company, LLC	1- 521748	1961 Petra Ln, Placentia, CA 92870	561990	403.5(d)	4	22	4			Formerly listed as Nalco Water Pretreatment Solutions, LLC
National Construction Rentals	1- 600652	1550 E. Chestnut Ave, Santa Ana, CA 92701	562991	403.5(d)	4	21	4			
Neutron Plating, Inc.	Z- 321812	2993 E. Blue Star St, Anaheim, CA 92806	332812	433.17(a)	0	0	0			
Newlight Technologies, Inc.	1- 600888	14382 Astronautics Ln, Huntington Beach, CA 92647	325211	463.16, 463.26	7	32	11			
Newport Corporation	1- 601837	1931 Deere Ave, Irvine, CA 92606	334516	433.17(a)	4	34	14			
Newport Fab, LLC dba Tower Semiconductor Newport Beach, Inc.	1- 571292	4321 Jamboree Rd, Newport Beach, CA 92660	334413	469.18(a)	4	37	4			
Nikkiso ACD	Z- 601703	2321 S. Pullman St, Santa Ana, CA 92705	334513	433.17(a)	1	0	0			
Nobel Biocare USA, LLC	1- 521801	22725 Savi Ranch Pkwy, Yorba Linda, CA 92887	339114	433.17(a)	4	32	11			

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Nutrawise Health and Beauty LLC	1-602327	9600 Toledo Way, Irvine, CA 92618	325411	439.47	1	14	0			New Class 1 Permit Issued
O'Donnell Oil, LLC	1-581191	7800 Palin Cir, Huntington Beach, CA 92648	211111	435.33(b)	3	0	0			Class 1 Permit Deactivated
O.C. Waste & Recycling	1-141018	20661 Newport Coast Dr, Newport Beach, CA 92657	562910	403.5(d)	4	19	8			
Oakley, Inc.	1-141012	1 Icon Unk, Foothill Ranch, CA 92610	339115	463.16, 463.26, 463.36	5	17	4			
Omni Metal Finishing, Inc (Bldg.5)	Z-602132	11615 Coley River Cir, Fountain Valley, CA 92708	332813	433.17(a)	1	0	0			
Omni Metal Finishing, Inc.	Z-601973	11665 Coley River Cir, Fountain Valley, CA 92708	332813	433.17(a)	1	0	0			
Omni Metal Finishing, Inc. (Building 4)	1-600981	11639 Coley River Cir, Fountain Valley, CA 92708	332813	433.17(a)	4	26	8			
Only Cremations & Aquamation for Pets (Newport Beach)	1-601084	4263 Birch St, B Ste, Newport Beach, CA 92660	812220	403.5(d)	6	9	7			
Only Cremations for Pets (Stanton)	1-601085	8101 Monroe Ave, Stanton, CA 90680	812220	403.5(d)	6	0	0			
Orange County Chemical Supply Company, Inc.	1-600766	10680 Fern Ave, Stanton, CA 90680	325611	417.86	6	23	8	O&G min.		
Pacific Chrome Services	Z-601871	603 E. Alton Ave, F Ste, Santa Ana, CA 92705	332813	433.17(a)	1	0	0			Zero Discharge Certification Deactivated

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Pacific Coast Water Systems, Inc.	1- 600520	1260 N. Sunshine Way, Anaheim, CA 92806	33331	403.5(d)	5	22	4	pH		Formerly listed as Weidemann Water Conditioners, Inc. (Anaheim)
Pacific Image Technology, Inc.	1- 021070	1875 S. Santa Cruz St, Anaheim, CA 92805	334412	433.17(a)	4	26	7			
Parker Hannifin Corporation	Z- 600979	14300 Alton Pkwy, Irvine, CA 92618	332912	433.17(a)	1	0	0			
Patriot Wastewater, LLC (Freedom CWT)	1- 521861	314 W. Freedom Ave, Orange, CA 92865	562219	437.47(b)	2	15	12			Class 1 Permit Deactivated
Patriot Wastewater, LLC (Freedom Non-CWT)	1- 600147	314 W. Freedom Ave, Orange, CA 92865	562219	403.5(d)	2	11	2			Class 1 Permit Deactivated
Patriot Wastewater, LLC, a subsidiary of Heritage-Crystal Clean, LLC (Freedom CWT)	1- 602382	314 W. Freedom Ave, Orange, CA 92865	562219	437.47(b)	2	17	10			New Class 1 Permit Issued
Patriot Wastewater, LLC, a subsidiary of Heritage-Crystal Clean, LLC (Freedom Non-CWT)	1- 602385	314 W. Freedom Ave, Orange, CA 92865	562219	403.5(d)	2	7	1			New Class 1 Permit Issued
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			
PCX Aerosystems - Santa Ana	1- 601618	2040 E. Dyer Rd, Santa Ana, CA 92705	336413	433.17(a)	4	22	24			
Performance Dip Braze	Z- 602163	1224 E. Ash Ave, Fullerton, CA 92831	332813	433.17(a)	2	0	0			New Zero Discharge Certification Issued
Performance Powder, Inc.	1- 521805	2920 E. La Jolla St, Anaheim, CA 92806	332812	433.17(a)	6	29	19	Zinc		

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Petroprize, Inc.	1- 581180	319 20th St, Huntington Beach, CA 92648	211111	435.34(b)	4	21	3			
Pier Oil Company, Inc.	1- 581178	201 2nd St, Huntington Beach, CA 92648	211111	435.34(b)	4	16	4			
Pioneer Circuits, Inc.	1- 011262	3010 S. Shannon St, Santa Ana, CA 92704	334412	433.17(a)	4	32	20	Copper		
Platinum Surface Coating, Inc.	1- 521852	1179 N. Fountain Way, Anaheim, CA 92806	332813	433.17(a)	4	13	10			
Plegel Oil Company (Blattner/Joe Johnson)	1- 521864	900 Mammoth Way, Placentia, CA 92870	211111	435.34(b)	4	17	4			
Plegel Oil Company - (A.H.A.)	1- 021176	16801 Rumson St, Yorba Linda, CA 92886	211111	435.34(b)	4	18	4			
Porter Powder Coating, Inc.	Z- 321817	510 S. Rose St, Anaheim, CA 92805	332812	433.17(a)	0	0	0			
Powdercoat Services, LLC (Bldg E / Plant 1)	1- 600167	307 N. Euclid Way, E Bldg, Anaheim, CA 92801	332812	433.17(a)	1	2	1			Class 1 Permit Deactivated
Powdercoat Services, LLC (Bldg J / Plant 3)	1- 600168	237 N. Euclid Way, J Bldg, Anaheim, CA 92801	332812	433.17(a)	1	2	1			Class 1 Permit Deactivated
PowderCoat Services, LLC. Plant 5	1- 600355	1747 W. Lincoln Ave, L1 Bldg, Anaheim, CA 92801	332812	433.17(a)	1	2	1			Class 1 Permit Deactivated
PowerDrive Oil & Gas Company, LLC (2nd)	1- 600248	120 Second St, Huntington Beach, CA 92648	211111	435.34(b)	7	3	1			
Precious Metals Plating Co., Inc.	1- 011265	2635 S. Orange Ave, Santa Ana, CA 92707	332813	433.17(a)	4	35	23			

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Precision Anodizing & Plating, Inc.	1- 521809	1601 N. Miller St, Anaheim, CA 92806	332813	433.17(a)	4	34	22	Nickel		
Precision Circuits West, Inc.	1- 011008	3310 W. Harvard St, Santa Ana, CA 92704	334412	433.17(a)	3	34	9			
Precision Powder Coating, Inc.	Z- 602165	640 S. Santa Fe St, Santa Ana, CA 92705	332812	433.17(a)	1	0	0			
Precision Resource, California Division	1- 111002	5803 Engineer Dr, Huntington Beach, CA 92649	332710	403.5(d)	4	20	7			
Precon, Inc.	1- 021581	3131 E. La Palma Ave, Anaheim, CA 92806	332721	403.5(d)	4	23	21			
Prima-Tex Industries Inc.	1- 031036	6237 Descanso Cir, Buena Park, CA 90620	313310	403.5(d)	1	6	2			Class 1 Permit Deactivated
Prudential Overall Supply	1- 071235	16901 Aston St, Irvine, CA 92606	812332	403.5(d)	5	26	8	O&G min.		
Pulmuone Foods USA, Inc. (East)	1- 601443	2315 Moore Ave, Fullerton, CA 92833	311991	403.5(d)	6	21	0			
Q-Flex Inc.	1- 600337	1301 E. Hunter Ave, Santa Ana, CA 92705	334418	433.17(a)	5	24	8			Class 1 Permit Deactivated
Quality Aluminum Forge, LLC (Cypress North)	1- 521833	814 N. Cypress St, Orange, CA 92867	332112	467.45	4	26	9	Chromium		
Quality Aluminum Forge, LLC (Cypress South)	1- 600272	794 N. Cypress St, Orange, CA 92867	332112	467.46	4	27	10			
Quikturn Professional Screenprinting, Inc.	1- 521858	567 S. Melrose St, Placentia, CA 92870	323113	403.5(d)	6	25	4	Copper		
Ram Screen Printing, Inc.	1- 601652	3369 E. Miraloma Ave, Anaheim, CA 92806	323113	410.46	4	12	8			

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Rayne Dealership Corporation	1- 571303	17835 Sky Park Cir, M Ste, Irvine, CA 92614	454390	403.5(d)	4	21	2			
RBC Transport Dynamics Corp.	1- 011013	3131 W. Segerstrom Ave, Santa Ana, CA 92704	336413	433.17(a)	3	0	0			Class 1 Permit Deactivated
RBC Transport Dynamics Corp.	Z- 602441	3131 W. Segerstrom Ave, Santa Ana, CA 92704	336413	433.17(a)	3	0	0			New Zero Discharge Certification Issued
Rich Products Corporation (North)	1- 601022	3401 W. Segerstrom Ave, Santa Ana, CA 92704	311812	403.5(d)	4	18	4			
Rich Products Corporation (South)	1- 511404	3401 W. Segerstrom Ave, Santa Ana, CA 92704	311812	403.5(d)	4	21	4			
Rigiflex Technology, Inc.	1- 021187	1166 N. Grove St, Anaheim, CA 92806	334418	433.17(a)	6	33	19			
Robinson Pharma, Inc. (Gummy - H6)	1- 602214	3300 W. Segerstrom Ave, Santa Ana, CA 92704	325412	439.47	6	30	39	pH		
Robinson Pharma, Inc. (Harbor North - H2)	1- 600126	2811 S. Harbor Blvd, Santa Ana, CA 92704	325412	439.47	5	39	32			
Robinson Pharma, Inc. (Harbor South - H1)	1- 511412	3330 S. Harbor Blvd, Santa Ana, CA 92704	325412	439.47	4	37	36			
Rolls-Royce High Temperature Composites, Inc.	1- 600212	5730 Katella Ave, Cypress, CA 90630	336412	403.5(d)	4	14	1			
Rolls-Royce High Temperature Composites, Inc. (Fume Scrubber)	1- 600213	5730 Katella Ave, Cypress, CA 90630	336412	403.5(d)	3	11	2			

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Rountree / Wright Enterprises, LLC	1- 111028	114 14th St, 12&14/113 Lot Blk, Huntington Beach, CA 92648	211111	435.33(b)	5	21	4			
RP Finishing Powder Coating Inc.	Z- 601358	1226 E. Ash Ave, Fullerton, CA 92831	332812	433.17(a)	2	0	0			Formerly listed as RP Finishing Group Inc.
RSS Manufacturing	Z- 600635	1261 Logan Ave, Costa Mesa, CA 92626	NULL	433.17(a)	1	0	0			
S & C Oil Company, Inc. (2)	1- 601637	18742 Goldenwest St, Huntington Beach, CA 92649	211111	435.34(b)	4	21	4			
Safety-Kleen Systems, Inc.	1- 600690	2170 S. Yale St, Santa Ana, CA 92704	562211	403.5(d)	4	21	4			
Sanitor Corporation	1- 601267	8400 Cerritos Ave, Stanton, CA 90680	325620	417.86, 439.47	5	36	30			
Sanmina Corporation (Airway)	1- 061008	2955 Airway Ave, Costa Mesa, CA 92626	334412	433.17(a)	5	33	20	Copper		
Sanmina Corporation (Redhill)	1- 061009	2950 Red Hill Ave, Costa Mesa, CA 92626	334412	433.17(a)	4	32	20			
Sanyo Foods Corp. of America	1- 602463	11955 Monarch St, Garden Grove, CA 92841	311824	403.5(d)	3	6	0			New Class 1 Permit Issued Formerly listed as Sanyo Foods
Scientific Spray Finishes Inc	Z- 602381	315 S. Richman Ave, Fullerton, CA 92832	332812	433.17(a)	0	0	0			New Zero Discharge Certification Issued
Scientific Spray Finishes, Inc.	1- 031311	315 S. Richman Ave, Fullerton, CA 92832	332812	433.17(a)	2	2	1			Class 1 Permit Deactivated

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Serrano Water District	1-021137	5454 Taft Ave, Orange, CA 92867	221310	403.5(d)	3	10	2			Class 1 Permit Deactivated
SFPP, LP	1-021619	1350 N. Main St, Orange, CA 92867	493190	403.5(d)	4	0	0			
Shepard Bros., Inc.	1-031034	503 S. Cypress St, La Habra, CA 90631	325611	417.166, 417.176	4	21	5	pH		
Shur-Lok Company	Z-602134	2541 White Rd, Irvine, CA 92614	332721	433.17(a)	1	0	0			
Simply Fresh, LLC	1-600709	6535 Caballero Blvd, A Bldg, Buena Park, CA 90620	311421	403.5(d)	4	21	5		Published as SNC for reporting violation(s)	
Sioux Honey Association	1-602027	511 E. Katella Ave, Anaheim, CA 92805	311999	403.5(d)	4	16	4			
Sirco Industrial, Inc.	1-600706	5312 System Dr, Huntington Beach, CA 92649	423830	403.5(d)	5	34	9			Class 1 Permit Deactivated
Soldermask, Inc.	1-031341	17905 Metzler Ln, Huntington Beach, CA 92647	334412	433.17(a)	4	34	19			
Solventum US LLC.	Z-371301	2111 McGaw Ave, Irvine, CA 92614	339114	433.17(a), 467.16, 471.15(m), 471.65(n), 471.65(q)	1	0	0			Zero Discharge Certification Deactivated
Solventum US LLC.	Z-602217	2111 McGaw Ave, Irvine, CA 92614	339114	433.17(a), 467.16, 471.15(m), 471.65(n), 471.65(q)	1	0	0			New Zero Discharge Certification Issued Formerly listed as 3 M Healthcare US Opco, LLC

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South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3500 Ste A)	1-602000	3500 W. Lake Center Dr, A Ste, Santa Ana, CA 92704	334412	433.17(a)	4	32	6			Class 1 Permit Deactivated
South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3506 Ste A)	1-602001	3506 W. Lake Center Dr, A Ste, Santa Ana, CA 92704	334412	433.17(a)	4	32	6			Class 1 Permit Deactivated
South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3524 Ste A)	1-602003	3524 W. Lake Center Dr, A Ste, Santa Ana, CA 92704	334412	433.17(a)	4	32	6			Class 1 Permit Deactivated
South Coast Circuits LLC DBA Summit Interconnect Santa Ana Bldg 3512 Ste A	1-602002	3512 W. Lake Center Dr, A Ste, Santa Ana, CA 92704	334412	433.17(a)	4	38	8			Formerly listed as South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3512 Ste A)
Southern California Edison #1 (MT)	1-031014	7301 Fenwick Ln, Westminster, CA 92683	811310	403.5(d)	4	12	2			
Southern California Edison #2 (DAS)	1-031015	7351 Fenwick Ln, Westminster, CA 92683	811310	403.5(d)	4	11	2			
Southern California Edison #3 (LARS)	1-031016	7455 Fenwick Ln, Westminster, CA 92683	811310	403.5(d)	4	11	2			
Spectrum Paint And Powder, Inc.	Z-321822	1332 S. Allec St, Anaheim, CA 92805	332812	433.17(a)	1	0	0			
Speedy Metals, Inc. DBA Pacific Metal Cutting	1-600767	730 Monroe Way, Placentia, CA 92870	332710	403.5(d)	4	24	7			

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SPS Technologies LLC, DBA Cherry Aerospace	1-511381	1224 E. Warner Ave, Santa Ana, CA 92705	332722	433.17(a), 467.16, 467.36(c), 467.46, 471.35(a), 471.35(ee), 471.35(ff), 471.35(g), 471.35(i), 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(a), 471.65(d), 471.65(f), 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)	8	65	38	Cadmium,Chromium,CN,Copper,Dissolved Sulfide,Nickel,Sulfide	Published as SNC for discharge violation(s)	
Stainless Micro-Polish, Inc.	1-602303	1286 N. Grove St, Anaheim, CA 92806	332813	433.17(a)	3	31	13			New Class 1 Permit Issued
Star Powder Coating, Inc.	1-531425	7601 Park Ave, Garden Grove, CA 92841	332812	433.17(a)	5	19	8			
Statek Corporation (Main)	1-021664	512 N. Main St, Orange, CA 92868	334419	433.17(a), 469.26(a)	5	35	6			

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Statek Corporation (Orange Grove)	1- 521777	1449 W. Orange Grove Ave, B Ste, Orange, CA 92868	334419	469.28(a)	4	28	2			
Stepan Company	1- 021674	1208 N. Patt St, Anaheim, CA 92801	325613	417.106, 417.146, 417.166	4	27	26	1,4-dioxane		
Stremicks Heritage Foods, LLC	1- 021028	4002 Westminster Ave, Santa Ana, CA 92703	311511	405.16, 405.26, 405.76	6	21	0			
Summit Interconnect, Inc.	1- 600012	223 N. Crescent Way, Anaheim, CA 92801	334412	433.17(a)	4	36	20	Copper		
Summit Interconnect, Inc., Orange Division	1- 600060	230 W. Bristol Ln, Orange, CA 92865	334412	433.17(a)	5	41	25			
Sunny Delight Beverages Co.	1- 021045	1230 N. Tustin Ave, Anaheim, CA 92807	312111	403.5(d)	4	18	0			Class 1 Permit Deactivated
Sunny Delight Beverages Co.	1- 602560	1230 N. Tustin Ave, Anaheim, CA 92807	312111	403.5(d)	0	0	0			New Class 1 Permit Issued
Sunny Sky Products	1- 602334	1730 Raymer Ave, Fullerton, CA 92833	311930	403.5(d)	5	17	3			New Class 1 Permit Issued
Superior Connector Plating Inc. DBA Superior Plating Inc.	1- 021090	1901 E. Cerritos Ave, Anaheim, CA 92805	332813	433.17(a)	5	21	75	Cadmium,Nickel,Zinc		Formerly listed as Superior Connector Plating, Inc.
Superior Processing (2)	1- 601701	1115 Las Brisas Pl, Placentia, CA 92870	334412	433.17(a)	4	28	8			
Tawa Services, Inc. (Bakery Central Kitchen)	1- 601895	6401 Regio Ave, Buena Park, CA 90620	311812	403.5(d)	4	24	4	pH		
Tawa Services, Inc. (Food and Meat Processing Center)	1- 601896	6491 Caballero Blvd, Buena Park, CA 90620	311991	432.126, 432.56	4	22	4			

APPENDIX A
LIST OF SIGNIFICANT INDUSTRIAL USERS WITH MONITORING COMPLIANCE STATUS, FISCAL YEAR 2024/25
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
Tayco Engineering, Inc.	1-031012	10874 Hope St, Cypress, CA 90630	334513	433.17(a)	4	22	7			
Taylor-Dunn Manufacturing (Waev Inc.)	1-601699	2114 W. Ball Rd, Anaheim, CA 92804	336999	433.17(a)	3	16	1	Copper,Lead		Class 1 Permit Deactivated
Taylor-Dunn Manufacturing (Waev Inc.)	Z-602407	2114 W. Ball Rd, Anaheim, CA 92804	336999	433.17(a)	3	16	1	Copper,Lead		New Zero Discharge Certification Issued
Terra Universal, Inc.	1-601407	800 S. Raymond Ave, Fullerton, CA 92831	333999	433.17(a)	5	13	8			
THE BOEING COMPANY (GRAHAM)	1-111018	15400 Graham St, Huntington Beach, CA 92649	33641	433.17(a)	5	26	10			
The Zygo Corporation, a division of Ametek, Inc	Z-602024	2031 Main St, Z Ste, Irvine, CA 92614	333314	433.17(a)	1	0	0			
Thermal-Vac Technology, Inc.	1-021282	1221 W. Struck Ave, Orange, CA 92867	332811	433.17(a)	3	24	14			Class 1 Permit Deactivated
Thermal-Vac Technology, Inc. (2)	1-602460	1221 W. Struck Ave, Orange, CA 92867	332811	433.17(a)	1	13	2			New Class 1 Permit Issued
Thompson Energy Resources LLC (Brea)	1-601469	3351 E. Birch St, Brea, CA 92821	211111	435.34(b)	7	37	14	O&G min.	Published as SNC for reporting violation(s)	
Timken Bearing Inspection, Inc.	1-531415	4422 Corporate Center Dr, Los Alamitos, CA 90720	423860	433.17(a)	4	26	10			
Tiodize Co., Inc.	1-111132	15701 Industry Ln, Huntington Beach, CA 92649	332813	433.17(a)	4	30	20			Formerly listed as TIODIZE COMPANY, INC.

APPENDIX A
LIST OF SIGNIFICANT INDUSTRIAL USERS WITH MONITORING COMPLIANCE STATUS, FISCAL YEAR 2024/25
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
Toyota Racing Development, USA, Inc.	1-071059	335 E. Baker St, Costa Mesa, CA 92626	336310	403.5(d)	4	17	15			
Transline Technology, Inc.	1-021202	1106 S. Technology Cir, Anaheim, CA 92805	334412	433.17(a)	4	24	8			
Tropitone Furniture Co., Inc.	1-141163	5 Marconi Unk, Irvine, CA 92618	337124	433.17(a)	2	6	1			Class 1 Permit Deactivated
TTM Technologies North America, LLC (Croddy)	1-511366	2645 Croddy Way, Santa Ana, CA 92704	334412	433.17(a)	4	39	27			
TTM Technologies North America, LLC (Harbor)	1-511359	2640 S. Harbor Blvd, Santa Ana, CA 92704	334412	433.17(a)	4	39	28	Dissolved Sulfide, Sulfide		
United Pharma, LLC	1-531418	2317 Moore Ave, Fullerton, CA 92833	325412	439.47	4	69	31			
Universal Molding Co.	1-521836	1551 E. Orangethorpe Ave, Fullerton, CA 92831	332812	433.17(a)	6	24	8		Published as SNC for reporting violation(s)	
Van Law Food Products, Inc.	1-600810	2325 Moore Ave, Fullerton, CA 92833	311941	407.86	8	26	0	pH		
Venus Laboratories, Inc. dba Earth Friendly Products	1-600739	11150 Hope St, Cypress, CA 90630	325611	417.166, 417.86	4	23	7			
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	4	65	18			
Vit-Best Nutrition, Inc.	Z-600960	2802 Dow Ave, Tustin, CA 92780	325412	439.47	1	0	0			

APPENDIX A
LIST OF SIGNIFICANT INDUSTRIAL USERS WITH MONITORING COMPLIANCE STATUS, FISCAL YEAR 2024/25
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
Waste Management Collections & Recycling, Inc. DBA Sunset Environmental	1-601581	16122 Construction Cir, West , Irvine, CA 92606	562212	403.5(d)	5	25	6			
Weber Precision Graphics	1-011354	2730 Shannon St, Santa Ana, CA 92704	323113	403.5(d)	3	13	7			
Wilco-Placentia Oil Operator, LLC	1-521829	550 Richfield Rd, Placentia, CA 92870	211111	435.34(b)	5	33	4			
Winonics (Brea)	1-031035	660 N. Puente St, Brea, CA 92821	334412	433.17(a)	6	36	7			
Winonics LLC. dba Bench 2 Bench Technologies	1-601974	1257 S. State College Blvd, Fullerton, CA 92831	334412	433.17(a)	6	36	21			
Yakult USA, Inc.	1-521850	17235 Newhope St, Fountain Valley, CA 92708	311511	403.5(d)	5	20	12			

Appendix B. Summary of Priority Pollutants and Trace Constituents Analyses

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
EFF-001	Silver	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Arsenic	2.67	µg/L	2.81	µg/L	2.90	µg/L	2.75	µg/L	3.00	µg/L	3.71	µg/L	3.32	µg/L	3.39	µg/L	2.90	µg/L	3.45	µg/L	3.88	µg/L	1.60	µg/L
	Beryllium	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Cadmium	0.109	µg/L	ND	µg/L	ND	µg/L	0.110	µg/L	ND	µg/L	0.156	µg/L	0.186	µg/L	0.154	µg/L	0.139	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Cyanide	1.9000000 000	µg/L	2.40000 00000	µg/L	3.300 0000 000	µg/L	ND	µg/L	2.100 0000 000	µg/L	4.200 0000 000	µg/L	5.600 0000 000	µg/L	3.500 0000 000	µg/L	3.400 0000 000	µg/L	3.400 0000 000	µg/L	3.600 0000 000	µg/L	ND	µg/L
	Chromium	1.13	µg/L	0.995	µg/L	0.910	µg/L	1.54	µg/L	0.804	µg/L	1.31	µg/L	1.15	µg/L	1.13	µg/L	1.31	µg/L	1.08	µg/L	1.35	µg/L	0.674	µg/L
	Copper	3.29	µg/L	2.45	µg/L	2.17	µg/L	4.22	µg/L	1.55	µg/L	3.53	µg/L	3.73	µg/L	3.64	µg/L	4.30	µg/L	3.53	µg/L	4.71	µg/L	2.37	µg/L
	Mercury	3.9000000 000	ng/L	3.70000 00000	ng/L	3.900 0000 000	ng/L	3.900 0000 000	ng/L	2.700 0000 000	ng/L	5.000 0000 000	ng/L	2.900 0000 000	ng/L	2.800 0000 000	ng/L	3.000 0000 000	ng/L	4.000 0000 000	ng/L	3.400 0000 000	ng/L	2.400 0000 000	ng/L
	Nickel	8.36	µg/L	5.86	µg/L	5.68	µg/L	11.1	µg/L	3.09	µg/L	8.72	µg/L	11.6	µg/L	8.68	µg/L	9.04	µg/L	9.77	µg/L	10.0	µg/L	4.67	µg/L
	1,1,1-Trichloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,1,2,2-Tetrachloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,1,2-Trichloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,1-Dichloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,2-Dichlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	1,2-Dichloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,2-Dichloropropane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,3-Dichlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	1,4-Dichlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	ND	pg/L					ND	pg/L					ND	pg/L							ND	pg/L		
	2,4,6-Trichlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dichlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dimethylphenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dinitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dinitrotoluene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,6-Dinitrotoluene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Chloroethylvinylether	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	2-Chloronaphthalene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Chlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Nitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	3,3-Dichlorobenzidine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Methyl-4,6-Dinitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Bromophenyl-Phenyl Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Chloro-3-Methylphenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Chlorophenyl-Phenyl Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	4-Nitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Acenaphthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Acenaphthylene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
EFF-001	Acrolein	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Acrylonitrile	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Aldrin	ND	µg/L											ND	µg/L							ND	µg/L		
	Alpha-BHC	ND	µg/L											ND	µg/L										
	Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	1,2-Diphenylhydrazine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (a) Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Benzidine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (a) Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (b) Fluoranthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (g,h,i) Perylene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (k) Fluoranthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Beta-BHC	ND	µg/L											ND	µg/L										
	Bis (2-Chloroethoxy) Methane	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bis (2-Chloroethyl) Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bis (2-Ethylhexyl) Phthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bromodichloromethane	2.29	µg/L					7.10	µg/L							2.49	µg/L					9.37	µg/L	4.36	µg/L
	Bromoform	ND	µg/L					ND	µg/L							ND	µg/L					1.91	µg/L	ND	µg/L
	Bromomethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L	ND	µg/L
	Butyl Benzyl Phthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Carbon Tetrachloride	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Chlordane	ND	µg/L											ND	µg/L										
	Chlorobenzene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Chloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Chloroform	4.69	µg/L					11.6	µg/L							6.90	µg/L					8.48	µg/L		
	Chrysene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	cis-1,3-Dichloropropene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Delta-BHC	ND	µg/L											ND	µg/L										
	Di-n-Butyl Phthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Di-n-Octyl Phthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Dibenzo (a,h) Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Dibromochloromethane	0.950	µg/L					3.85	µg/L							0.990	µg/L					5.94	µg/L	2.20	µg/L
	Dieldrin	ND	µg/L											ND	µg/L										
	Diethylphthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	Dimethylphthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Endosulfan	ND	µg/L											ND	µg/L										
	Endosulfan I	ND	µg/L											ND	µg/L										
EFF-001	Endosulfan II	ND	µg/L											ND	µg/L										
	Endosulfan Sulfate	ND	µg/L											ND	µg/L										
	Endrin	ND	µg/L											ND	µg/L										
	Ethylbenzene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Fluoranthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Fluorene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Gamma-BHC	ND	µg/L											ND	µg/L										
	Heptachlor	ND	µg/L											ND	µg/L										
	Hexachlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachlorobutadiene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachlorocyclopentadiene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachloroethane	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Indeno (1,2,3-cd) Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Isophorone	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Methylene Chloride	ND	µg/L					0.890	µg/L							ND	µg/L					ND	µg/L		
	N-Nitrosodiprophylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	N-Nitrosodimethylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	N-Nitrosodiphenylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Nitrobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4,4'-DDD	ND	µg/L											ND	µg/L										
	4,4'-DDE	ND	µg/L											ND	µg/L										
	4,4'-DDT	ND	µg/L											ND	µg/L										
	PCB - 1016	ND	µg/L											ND	µg/L										
	PCB - 1221	ND	µg/L											ND	µg/L										
	PCB - 1232	ND	µg/L											ND	µg/L										
	PCB - 1242	ND	µg/L											ND	µg/L										
	PCB - 1248	ND	µg/L											ND	µg/L										
	PCB - 1254	ND	µg/L											ND	µg/L										
	PCB - 1260	ND	µg/L											ND	µg/L										
	Pentachlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Phenanthrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Phenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Tetrachloroethene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Toluene	ND	µg/L					1.51	µg/L							ND	µg/L					ND	µg/L	ND	µg/L

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	trans-1,2-Dichloroethene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	trans-1,3-Dichloropropene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Trichloroethene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
EFF-001	Vinyl Chloride	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Lead	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	0.342	µg/L	0.318	µg/L
	Antimony	1.20	µg/L	1.36	µg/L	0.965	µg/L	1.33	µg/L	0.727	µg/L	1.69	µg/L	1.64	µg/L	1.31	µg/L	1.34	µg/L	1.91	µg/L	1.77	µg/L	0.783	µg/L
	Selenium	8.58	µg/L	9.06	µg/L	9.64	µg/L	8.87	µg/L	5.86	µg/L	14.5	µg/L	12.2	µg/L	11.0	µg/L	10.8	µg/L	11.3	µg/L	11.4	µg/L	4.54	µg/L
	Thallium	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Zinc	23.7	µg/L	19.3	µg/L	20.2	µg/L	27.0	µg/L	17.5	µg/L	44.6	µg/L	37.8	µg/L	38.4	µg/L	40.3	µg/L	37.1	µg/L	40.6	µg/L	18.3	µg/L
INF-001	Silver	0.415	µg/L	0.787	µg/L	0.457	µg/L	0.875	µg/L	1.06	µg/L	1.02	µg/L	0.681	µg/L	0.983	µg/L	0.661	µg/L	0.861	µg/L	0.844	µg/L	0.865	µg/L
	Arsenic	2.34	µg/L	2.26	µg/L	2.42	µg/L	2.23	µg/L	2.07	µg/L	2.18	µg/L	2.09	µg/L	2.47	µg/L	2.02	µg/L	2.42	µg/L	2.04	µg/L	2.17	µg/L
	Beryllium	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Cadmium	0.501	µg/L	0.366	µg/L	0.530	µg/L	0.351	µg/L	0.412	µg/L	0.713	µg/L	6.68	µg/L	0.681	µg/L	0.513	µg/L	0.293	µg/L	0.365	µg/L	0.337	µg/L
	Cyanide	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	2.500 0000 000	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Chromium	4.95	µg/L	4.02	µg/L	3.87	µg/L	3.98	µg/L	3.63	µg/L	3.99	µg/L	7.17	µg/L	6.10	µg/L	8.46	µg/L	12.0	µg/L	6.98	µg/L	5.63	µg/L
	Copper	71.6	µg/L	69.9	µg/L	93.0	µg/L	72.2	µg/L	63.5	µg/L	73.0	µg/L	74.0	µg/L	88.1	µg/L	78.0	µg/L	82.3	µg/L	81.0	µg/L	73.8	µg/L
	Mercury	69.000000 0000	ng/L	57.0000 000000	ng/L	44.00 0000 0000	ng/L	62.00 0000 0000	ng/L	74.00 0000 0000	ng/L	71.00 0000 0000	ng/L	60.00 0000 0000	ng/L	17.00 0000 0000	ng/L	56.00 0000 0000	ng/L	30.00 0000 0000	ng/L	48.00 0000 0000	ng/L	42.00 0000 0000	ng/L
	Nickel	8.12	µg/L	7.37	µg/L	6.20	µg/L	5.95	µg/L	9.37	µg/L	6.83	µg/L	15.2	µg/L	9.95	µg/L	13.4	µg/L	12.1	µg/L	11.2	µg/L	7.08	µg/L
	1,1,1-Trichloroethane	ND	µg/L			ND	µg/L	ND	µg/L			ND	µg/L	ND	µg/L							ND	µg/L		
	1,1,2,2-Tetrachloroethane	ND	µg/L			ND	µg/L	ND	µg/L			ND	µg/L	ND	µg/L							ND	µg/L		
	1,1,2-Trichloroethane	ND	µg/L			ND	µg/L	ND	µg/L			ND	µg/L	ND	µg/L							ND	µg/L		
	1,1-Dichloroethane	ND	µg/L			ND	µg/L	ND	µg/L			ND	µg/L	ND	µg/L							ND	µg/L		
	1,2-Dichlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	1,2-Dichloroethane	ND	µg/L			ND	µg/L	ND	µg/L			ND	µg/L	ND	µg/L							ND	µg/L		
	1,2-Dichloropropane	ND	µg/L			ND	µg/L	ND	µg/L			ND	µg/L	ND	µg/L							ND	µg/L		
	1,3-Dichlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	1,4-Dichlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	ND	pg/L					ND	pg/L					ND	pg/L					ND	pg/L				
	2,4,6-Trichlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dichlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dimethylphenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dinitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dinitrotoluene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,6-Dinitrotoluene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	2-Chloroethylvinylether	ND	µg/L			ND	µg/L	ND	µg/L			ND	µg/L	ND	µg/L							ND	µg/L		
	2-Chloronaphthalene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Chlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Nitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	3,3-Dichlorobenzidine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Methyl-4,6-Dinitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
INF-001	4-Bromophenyl-Phenyl Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Chloro-3-Methylphenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Chlorophenyl-Phenyl Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Nitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	1.62	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Acenaphthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Acenaphthylene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Acrolein	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Acrylonitrile	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Aldrin	ND	µg/L											ND	µg/L										
	Alpha-BHC	ND	µg/L											ND	µg/L										
	Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	1,2-Diphenylhydrazine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (a) Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Benzidine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (a) Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (b) Fluoranthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (g,h,i) Perylene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (k) Fluoranthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Beta-BHC	ND	µg/L											ND	µg/L										
	Bis (2-Chloroethoxy) Methane	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bis (2-Chloroethyl) Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bis (2-Ethylhexyl) Phthalate	4.14	µg/L	ND	µg/L	4.80	µg/L	4.98	µg/L	4.27	µg/L	4.64	µg/L	4.08	µg/L	4.96	µg/L	3.60	µg/L	4.76	µg/L	4.90	µg/L	5.22	µg/L
	Bromodichloromethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L	ND	µg/L
	Bromoform	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L	ND	µg/L
	Bromomethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L	ND	µg/L
	Butyl Benzyl Phthalate	1.15	µg/L	ND	µg/L	0.881	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	1.57	µg/L	ND	µg/L
	Carbon Tetrachloride	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Chlordane	ND	µg/L											ND	µg/L										
	Chlorobenzene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Chloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	Chloroform	2.50	µg/L					2.70	µg/L							1.98	µg/L					3.26	µg/L		
	Chrysene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	cis-1,3-Dichloropropene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Delta-BHC	ND	µg/L											ND	µg/L										
	Di-n-Butyl Phthalate	0.897	µg/L	0.824	µg/L	0.922	µg/L	1.13	µg/L	0.690	µg/L	1.00	µg/L	0.920	µg/L	1.03	µg/L	0.983	µg/L	1.46	µg/L	1.20	µg/L	1.18	µg/L
	Di-n-Octyl Phthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
INF-001	Dibenzo (a,h) Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Dibromochloromethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L	ND	µg/L
	Dieldrin	ND	µg/L											ND	µg/L										
	Diethylphthalate	3.73	µg/L	3.45	µg/L	2.43	µg/L	3.00	µg/L	2.04	µg/L	2.44	µg/L	3.17	µg/L	2.66	µg/L	2.29	µg/L	1.98	µg/L	7.68	µg/L	2.80	µg/L
	Dimethylphthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Endosulfan	ND	µg/L											ND	µg/L										
	Endosulfan I	ND	µg/L											ND	µg/L										
	Endosulfan II	ND	µg/L											ND	µg/L										
	Endosulfan Sulfate	ND	µg/L											ND	µg/L										
	Endrin	ND	µg/L											ND	µg/L										
	Ethylbenzene	ND	µg/L					ND	µg/L							ND	µg/L					0.630	µg/L		
	Fluroanthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Fluorene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Gamma-BHC	ND	µg/L											ND	µg/L										
	Heptachlor	ND	µg/L											ND	µg/L										
	Hexachlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachlorobutadiene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachlorocyclopentadiene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachloroethane	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Indeno (1,2,3-cd) Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Isophorone	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Methylene Chloride	1.01	µg/L					ND	µg/L							ND	µg/L					78.0	µg/L		
	N-Nitrosodiprophylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	N-Nitrosodimethylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	N-Nitrosodiphenylamine	ND	µg/L											ND	µg/L										
	Nitrobenzene	ND	µg/L											ND	µg/L										
	4,4'-DDD	ND	µg/L											ND	µg/L										
	4,4'-DDE	ND	µg/L											ND	µg/L										
	4,4'-DDT	ND	µg/L											ND	µg/L										
	PCB - 1016	ND	µg/L											ND	µg/L										
	PCB - 1221	ND	µg/L											ND	µg/L										

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	PCB - 1232	ND	µg/L											ND	µg/L										
	PCB - 1242	ND	µg/L											ND	µg/L										
	PCB - 1248	ND	µg/L											ND	µg/L										
	PCB - 1254	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	PCB - 1260	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Pentachlorophenol	13.0	µg/L	13.7	µg/L	14.4	µg/L	14.5	µg/L	13.7	µg/L	17.0	µg/L	18.5	µg/L	13.8	µg/L	12.3	µg/L	14.5	µg/L	17.6	µg/L	11.3	µg/L
	Phenanthrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Phenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Tetrachloroethene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Toluene	1.63	µg/L					0.785	µg/L							ND	µg/L					2.67	µg/L	14.6	µg/L
	trans-1,2-Dichloroethene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	trans-1,3-Dichloropropene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Trichloroethene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Vinyl Chloride	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Lead	1.49	µg/L	1.59	µg/L	1.42	µg/L	2.17	µg/L	1.47	µg/L	1.60	µg/L	1.31	µg/L	1.43	µg/L	1.43	µg/L	1.46	µg/L	1.08	µg/L	1.73	µg/L
	Antimony	1.15	µg/L	1.02	µg/L	0.918	µg/L	1.08	µg/L	0.838	µg/L	1.09	µg/L	1.14	µg/L	1.28	µg/L	1.00	µg/L	1.03	µg/L	1.09	µg/L	1.26	µg/L
	Selenium	3.42	µg/L	2.50	µg/L	2.90	µg/L	2.67	µg/L	3.05	µg/L	2.99	µg/L	2.63	µg/L	2.70	µg/L	3.40	µg/L	2.76	µg/L	2.73	µg/L	2.69	µg/L
	Thallium	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Zinc	135	µg/L	145	µg/L	152	µg/L	142	µg/L	126	µg/L	133	µg/L	134	µg/L	158	µg/L	136	µg/L	136	µg/L	129	µg/L	154	µg/L
	Silver	0.611	µg/L	0.886	µg/L	0.394	µg/L	0.458	µg/L	0.554	µg/L	0.485	µg/L	0.350	µg/L	0.597	µg/L	0.453	µg/L	0.350	µg/L	0.411	µg/L	0.458	µg/L
	Arsenic	3.57	µg/L	3.63	µg/L	3.90	µg/L	3.91	µg/L	3.48	µg/L	2.85	µg/L	2.66	µg/L	2.91	µg/L	2.86	µg/L	2.98	µg/L	2.78	µg/L	2.80	µg/L
	Beryllium	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Cadmium	0.573	µg/L	0.372	µg/L	0.301	µg/L	0.327	µg/L	0.324	µg/L	0.423	µg/L	0.360	µg/L	0.252	µg/L	0.324	µg/L	0.329	µg/L	0.310	µg/L	0.262	µg/L
	Cyanide	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	1.600 0000 000	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Chromium	6.47	µg/L	7.34	µg/L	6.00	µg/L	12.0	µg/L	6.02	µg/L	3.36	µg/L	5.95	µg/L	5.06	µg/L	4.74	µg/L	3.47	µg/L	4.16	µg/L	3.17	µg/L
	Copper	54.3	µg/L	56.5	µg/L	46.5	µg/L	45.3	µg/L	49.2	µg/L	45.8	µg/L	47.8	µg/L	52.7	µg/L	53.6	µg/L	50.4	µg/L	48.2	µg/L	46.7	µg/L
	Mercury	56.000000 0000	ng/L	66.0000 000000	ng/L	42.00 0000 0000	ng/L	44.00 0000 0000	ng/L	32.00 0000 0000	ng/L	62.00 0000 0000	ng/L	34.00 0000 0000	ng/L	4.700 0000 000	ng/L	9.400 0000 000	ng/L	47.00 0000 0000	ng/L	27.00 0000 0000	ng/L	26.00 0000 0000	ng/L
	Nickel	7.36	µg/L	6.63	µg/L	6.04	µg/L	5.80	µg/L	5.34	µg/L	4.76	µg/L	4.66	µg/L	5.12	µg/L	5.36	µg/L	4.43	µg/L	4.41	µg/L	5.16	µg/L
	1,1,1-Trichloroethane	25.000000 0000	ng/L	ND	µg/L	ND	µg/L	ND	ng/L	ND	µg/L	ND	µg/L	ND	ng/L	ND	µg/L	ND	µg/L	ND	ng/L	ND	µg/L	ND	µg/L
	1,1,2,2-Tetrachloroethane	ND	ng/L	ND	µg/L	ND	µg/L	ND	ng/L	ND	µg/L	ND	µg/L	ND	ng/L	ND	µg/L	ND	µg/L	ND	ng/L	ND	µg/L	ND	µg/L
	1,1,2-Trichloroethane	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	1,1-Dichloroethane	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
INF-002	1,2-Dichlorobenzene	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L				
	1,2-Dichloroethane	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L				
	1,2-Dichloropropane	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	1,3-Dichlorobenzene	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L				
	1,4-Dichlorobenzene	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L				
	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	2,4,6-Trichlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	2,4-Dichlorophenol	ND	pg/L					ND	pg/L					ND	pg/L					ND	pg/L				
	2,4-Dimethylphenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
2,4-Dinitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L			
INF-002	2,4-Dinitrotoluene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	2,6-Dinitrotoluene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	2-Chloroethylvinylether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	2-Chloronaphthalene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	2-Chlorophenol	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L				
	2-Nitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	3,3-Dichlorobenzidine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	2-Methyl-4,6-Dinitrophenol	4.90	µg/L	ND	µg/L	1.26	µg/L	ND	µg/L	3.24	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	4-Bromophenyl-Phenyl Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	4-Chloro-3-Methylphenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	4-Chlorophenyl-Phenyl Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	4-Nitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Acenaphthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Acenaphthylene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Acrolein	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Acrylonitrile	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Aldrin	ND	µg/L											ND	µg/L										
	Alpha-BHC	ND	µg/L											ND	µg/L										
	Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	1,2-Diphenylhydrazine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Benzo (a) Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Benzene	0.633	µg/L					ND	µg/L	1.16	µg/L	0.668	µg/L	0.660	µg/L	0.640	µg/L	0.870	µg/L	0.570	µg/L	ND	µg/L		
	Benzydine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Benzo (a) Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Benzo (b) Fluoranthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Benzo (g,h,i) Perylene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Benzo (k) Fluoranthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	Beta-BHC	ND	µg/L											ND	µg/L										
	Bis (2-Chloroethoxy) Methane	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bis (2-Chloroethyl) Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bis (2-Ethylhexyl) Phthalate	4.40	µg/L	3.66	µg/L	3.02	µg/L	2.60	µg/L	3.34	µg/L	2.78	µg/L	3.67	µg/L	3.35	µg/L	4.43	µg/L	3.69	µg/L	4.07	µg/L	3.69	µg/L
	Bromodichloromethane	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	0.618	µg/L	0.288	µg/L	0.337	µg/L	0.980	µg/L	ND	µg/L
	Bromoform	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bromomethane	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Butyl Benzyl Phthalate	1.22	µg/L	1.21	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	1.02	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Carbon Tetrachloride	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
INF-002	Chlordane	ND	µg/L											ND	µg/L										
	Chlorobenzene	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Chloroethane	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Chloroform	4.57	µg/L					3.19	µg/L	2.93	µg/L	2.28	µg/L	2.64	µg/L	2.07	µg/L	2.45	µg/L	1.79	µg/L	2.86	µg/L		
	Chrysene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	cis-1,3-Dichloropropene	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Delta-BHC	ND	µg/L											ND	µg/L										
	Di-n-Butyl Phthalate	0.786	µg/L	0.916	µg/L	0.729	µg/L	ND	µg/L	0.608	µg/L	0.701	µg/L	0.795	µg/L	0.809	µg/L	0.882	µg/L	1.08	µg/L	1.00	µg/L	1.01	µg/L
	Di-n-Octyl Phthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Dibenzo (a,h) Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Dibromochloromethane	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	0.710	µg/L	0.445	µg/L	0.533	µg/L	0.840	µg/L	0.600	µg/L
	Dieldrin	ND	µg/L											ND	µg/L										
	Diethylphthalate	3.00	µg/L	2.58	µg/L	2.62	µg/L	1.99	µg/L	2.25	µg/L	1.77	µg/L	2.31	µg/L	2.14	µg/L	2.31	µg/L	1.55	µg/L	2.01	µg/L	2.10	µg/L
	Dimethylphthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Endosulfan	ND	µg/L											ND	µg/L										
	Endosulfan I	ND	µg/L											ND	µg/L										
	Endosulfan II	ND	µg/L											ND	µg/L										
	Endosulfan Sulfate	ND	µg/L											ND	µg/L										
	Endrin	ND	µg/L											ND	µg/L										
	Ethylbenzene	1.75	µg/L					ND	µg/L	0.430	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Fluroanthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Fluorene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Gamma-BHC	ND	µg/L											ND	µg/L										
	Heptachlor	ND	µg/L											ND	µg/L										
	Hexachlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachlorobutadiene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachlorocyclopentadiene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachloroethane	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	Indeno (1,2,3-cd) Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Isophorone	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Methylene Chloride	0.587	µg/L					5.60	µg/L	ND	µg/L	ND	µg/L	0.283	µg/L	0.895	µg/L	0.936	µg/L	0.303	µg/L	ND	µg/L	1.20	µg/L
	N-Nitrosodiprophylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	N-Nitrosodimethylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	N-Nitrosodiphenylamine	ND	µg/L											ND	µg/L										
	Nitrobenzene	ND	µg/L											ND	µg/L										
	4,4'-DDD	ND	µg/L											ND	µg/L										
	4,4'-DDE	ND	µg/L											ND	µg/L										
	4,4'-DDT	ND	µg/L											ND	µg/L										
INF-002	PCB - 1016	ND	µg/L											ND	µg/L										
	PCB - 1221	ND	µg/L											ND	µg/L										
	PCB - 1232	ND	µg/L											ND	µg/L										
	PCB - 1242	ND	µg/L											ND	µg/L										
	PCB - 1248	ND	µg/L											ND	µg/L										
	PCB - 1254	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	PCB - 1260	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Pentachlorophenol	ND	µg/L	5.85	µg/L	ND	µg/L	2.94	µg/L	ND	µg/L	16.0	µg/L	14.1	µg/L	13.6	µg/L	15.9	µg/L	14.0	µg/L	14.2	µg/L	28.1	µg/L
	Phenanthrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Phenol	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Pyrene	7.37	µg/L					1.51	µg/L	2.81	µg/L	2.51	µg/L	2.50	µg/L	8.37	µg/L	2.00	µg/L	1.84	µg/L	1.80	µg/L	1.82	µg/L
	Tetrachloroethene	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Toluene	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	trans-1,2-Dichloroethene	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	trans-1,3-Dichloropropene	ND	µg/L					ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L		
	Trichloroethene	1.71	µg/L	1.82	µg/L	1.67	µg/L	1.29	µg/L	1.79	µg/L	5.43	µg/L	0.995	µg/L	1.12	µg/L	1.11	µg/L	0.970	µg/L	1.10	µg/L	1.35	µg/L
	Vinyl Chloride	1.14	µg/L	1.48	µg/L	0.761	µg/L	0.911	µg/L	1.43	µg/L	0.698	µg/L	0.683	µg/L	0.561	µg/L	0.603	µg/L	0.752	µg/L	0.645	µg/L	0.836	µg/L
	Lead	7.95	µg/L	9.50	µg/L	10.7	µg/L	9.04	µg/L	10.1	µg/L	12.9	µg/L	14.0	µg/L	11.0	µg/L	10.6	µg/L	12.6	µg/L	11.0	µg/L	11.5	µg/L
	Antimony	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Selenium	138	µg/L	141	µg/L	125	µg/L	113	µg/L	123	µg/L	112	µg/L	104	µg/L	118	µg/L	121	µg/L	110	µg/L	97.0	µg/L	121	µg/L
	Thallium	ND	µg/L											ND	µg/L										
	Zinc	0.786	µg/L	0.916	µg/L	0.729	µg/L	ND	µg/L	0.608	µg/L	0.701	µg/L	0.795	µg/L	0.809	µg/L	0.882	µg/L	1.08	µg/L	1.00	µg/L	1.01	µg/L
	Silver	0.660	µg/L	1.40	µg/L	1.27	µg/L	0.596	µg/L	0.348	µg/L	0.375	µg/L	0.890	µg/L	0.723	µg/L	0.570	µg/L	0.656	µg/L	0.743	µg/L	0.264	µg/L
	Arsenic	3.35	µg/L	3.87	µg/L	4.02	µg/L	3.96	µg/L	3.26	µg/L	4.85	µg/L	5.86	µg/L	6.36	µg/L	5.26	µg/L	5.46	µg/L	6.18	µg/L	5.77	µg/L
	Beryllium	ND	µg/L	ND	µg/L	0.733	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Cadmium	0.543	µg/L	0.376	µg/L	1.13	µg/L	0.341	µg/L	0.290	µg/L	0.362	µg/L	1.71	µg/L	1.43	µg/L	0.951	µg/L	1.24	µg/L	0.577	µg/L	ND	µg/L

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
INF-002A	Cyanide	ND	µg/L	2.00000 00000	µg/L	ND	µg/L	ND	µg/L	1.800 0000 000	µg/L	ND	µg/L	3.400 0000 000	µg/L	1.600 0000 000	µg/L	ND	µg/L	1.600 0000 000	µg/L	ND	µg/L	ND	µg/L
	Chromium	5.97	µg/L	7.31	µg/L	5.95	µg/L	12.0	µg/L	7.25	µg/L	10.0	µg/L	11.3	µg/L	12.5	µg/L	9.67	µg/L	14.9	µg/L	10.3	µg/L	6.80	µg/L
	Copper	55.6	µg/L	58.5	µg/L	47.5	µg/L	46.1	µg/L	48.8	µg/L	48.9	µg/L	108	µg/L	88.4	µg/L	75.3	µg/L	83.5	µg/L	80.1	µg/L	39.4	µg/L
	Mercury	280.00000 00000	ng/L	33.0000 000000	ng/L	47.00 0000 0000	ng/L	52.00 0000 0000	ng/L	19.00 0000 0000	ng/L	66.00 0000 0000	ng/L	130.0 0000 0000 0	ng/L	54.00 0000 0000	ng/L	26.00 0000 0000	ng/L	53.00 0000 0000	ng/L	28.00 0000 0000	ng/L	50.00 0000 0000	ng/L
	Nickel	7.25	µg/L	6.53	µg/L	6.37	µg/L	5.98	µg/L	5.56	µg/L	8.17	µg/L	10.6	µg/L	9.48	µg/L	8.43	µg/L	13.2	µg/L	8.66	µg/L	6.15	µg/L
	1,1,1-Trichloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,1,2,2-Tetrachloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,1,2-Trichloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,1-Dichloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,2-Dichlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
INF-002A	1,2-Dichloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,2-Dichloropropane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	1,3-Dichlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	1,4-Dichlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	ND	pg/L					ND	pg/L					ND	pg/L					ND	pg/L				
	2,4,6-Trichlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dichlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dimethylphenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dinitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,4-Dinitrotoluene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2,6-Dinitrotoluene	ND	µg/L	0.960	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Chloroethylvinylether	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	2-Chloronapthalene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Chlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Nitrophenol	4.56	µg/L	ND	µg/L	1.41	µg/L	1.52	µg/L	3.61	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	3,3-Dichlorobenzidine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	2-Methyl-4,6-Dinitrophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Bromophenyl-Phenyl Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Chloro-3-Methylphenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Chlorophenyl-Phenyl Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4-Nitrophenol	ND	µg/L	ND	µg/L	2.93	µg/L	2.60	µg/L	5.51	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Acenaphthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Acenaphthylene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	Acrolein	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Acrylonitrile	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Aldrin	ND	µg/L											ND	µg/L										
	Alpha-BHC	ND	µg/L											ND	µg/L										
	Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	1,2-Diphenylhydrazine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (a) Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Benzidine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (a) Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (b) Fluoranthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (g,h,i) Perylene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Benzo (k) Fluoranthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
INF-002A	Beta-BHC	ND	µg/L											ND	µg/L										
	Bis (2-Chloroethoxy) Methane	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bis (2-Chloroethyl) Ether	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Bis (2-Ethylhexyl) Phthalate	3.68	µg/L	3.11	µg/L	2.91	µg/L	2.72	µg/L	2.95	µg/L	1.58	µg/L	2.95	µg/L	3.06	µg/L	2.78	µg/L	3.42	µg/L	2.46	µg/L	1.66	µg/L
	Bromodichloromethane	ND	µg/L					ND	µg/L							ND	µg/L					1.04	µg/L	ND	µg/L
	Bromoform	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L	ND	µg/L
	Bromomethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L	ND	µg/L
	Butyl Benzyl Phthalate	1.06	µg/L	1.18	µg/L	0.735	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Carbon Tetrachloride	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Chlordane	ND	µg/L											ND	µg/L										
	Chlorobenzene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Chloroethane	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Chloroform	ND	µg/L					3.99	µg/L							7.77	µg/L					20.0	µg/L		
	Chrysene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	cis-1,3-Dichloropropene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Delta-BHC	ND	µg/L											ND	µg/L										
	Di-n-Butyl Phthalate	0.648	µg/L	0.788	µg/L	0.709	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	0.751	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Di-n-Octyl Phthalate	ND	µg/L	4.17	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Dibenzo (a,h) Anthracene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Dibromochloromethane	ND	µg/L					ND	µg/L							ND	µg/L					0.790	µg/L	ND	µg/L
	Dieldrin	ND	µg/L											ND	µg/L										
	Diethylphthalate	2.30	µg/L	2.19	µg/L	2.48	µg/L	2.42	µg/L	2.64	µg/L	1.46	µg/L	1.50	µg/L	1.89	µg/L	1.95	µg/L	1.97	µg/L	2.19	µg/L	1.96	µg/L
	Dimethylphthalate	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Endosulfan	ND	µg/L											ND	µg/L										

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	Endosulfan I	ND	µg/L											ND	µg/L										
	Endosulfan II	ND	µg/L											ND	µg/L										
	Endosulfan Sulfate	ND	µg/L											ND	µg/L										
	Endrin	ND	µg/L											ND	µg/L										
	Ethylbenzene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Fluroanthene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Fluorene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Gamma-BHC	ND	µg/L											ND	µg/L										
	Heptachlor	ND	µg/L											ND	µg/L										
	Hexachlorobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachlorobutadiene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachlorocyclopentadiene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Hexachloroethane	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
INF-002A	Indeno (1,2,3-cd) Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Isophorone	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Methylene Chloride	ND	µg/L					4.76	µg/L							ND	µg/L					ND	µg/L		
	N-Nitrosodiprophylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	N-Nitrosodimethylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	N-Nitrosodiphenylamine	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Nitrobenzene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	4,4'-DDD	ND	µg/L											ND	µg/L										
	4,4'-DDE	ND	µg/L											ND	µg/L										
	4,4'-DDT	ND	µg/L											ND	µg/L										
	PCB - 1016	ND	µg/L											ND	µg/L										
	PCB - 1221	ND	µg/L											ND	µg/L										
	PCB - 1232	ND	µg/L											ND	µg/L										
	PCB - 1242	ND	µg/L											ND	µg/L										
	PCB - 1248	ND	µg/L											ND	µg/L										
	PCB - 1254	ND	µg/L											ND	µg/L										
	PCB - 1260	ND	µg/L											ND	µg/L										
	Pentachlorophenol	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Phenanthrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Phenol	ND	µg/L	7.43	µg/L	ND	µg/L	0.886	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	0.453	µg/L	0.535	µg/L	1.13	µg/L	ND	µg/L	ND	µg/L
	Pyrene	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Tetrachloroethene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Toluene	1.05	µg/L					1.81	µg/L							3.65	µg/L					ND	µg/L	ND	µg/L
	trans-1,2-Dichloroethene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		

APPENDIX B
PRIORITY POLLUTANT ANALYSES RESULTS, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Monitoring Location	Name	Jul 24		Aug 24		Sep 24		Oct 24		Nov 24		Dec 24		Jan 25		Feb 25		Mar 25		Apr 25		May 25		Jun 25	
	trans-1,3-Dichloropropene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Trichloroethene	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Vinyl Chloride	ND	µg/L					ND	µg/L							ND	µg/L					ND	µg/L		
	Lead	1.40	µg/L	1.64	µg/L	2.37	µg/L	1.33	µg/L	1.52	µg/L	2.43	µg/L	2.53	µg/L	3.21	µg/L	2.22	µg/L	2.27	µg/L	1.71	µg/L	1.62	µg/L
	Antimony	1.08	µg/L	1.43	µg/L	1.54	µg/L	0.931	µg/L	1.28	µg/L	1.28	µg/L	1.59	µg/L	1.91	µg/L	1.38	µg/L	1.63	µg/L	1.72	µg/L	1.37	µg/L
	Selenium	8.61	µg/L	9.34	µg/L	10.9	µg/L	9.39	µg/L	9.38	µg/L	6.71	µg/L	8.43	µg/L	7.53	µg/L	7.03	µg/L	8.07	µg/L	7.45	µg/L	8.12	µg/L
	Thallium	ND	µg/L	ND	µg/L	0.897	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L	ND	µg/L
	Zinc	134	µg/L	147	µg/L	141	µg/L	119	µg/L	136	µg/L	162	µg/L	204	µg/L	199	µg/L	183	µg/L	178	µg/L	147	µg/L	109	µg/L

Notes:

ND non-detect
µg/L microgram per liter
ng/L nanograms per liter
pg/L picograms per liter

Appendix C. Priority Pollutants

**APPENDIX C
PRIORITY POLLUTANTS LIST
ORANGE COUNTY SANITATION DISTRICT**

Elements

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Other Constituents

Asbestos
Cyanide

**Pesticides and PCBs
(EPA Method 608)**

Aldrin
Alpha-BHC
Beta-BHC
Delta-BHC
Gamma-BHC
Chlordane
4,4'-DDD
4,4'-DDE
4,4'-DDT
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin Aldehyde
Heptachlor
Heptachlor Epoxide
PCB-1016
PCB-1221
PCB-1232
PCB-1242
PCB-1248
PCB-1254
PCB-1260
Toxaphene

**Purgeable Organic Compounds
(EPA Method 624)**

Acrolein
Acrylonitrile
Benzene
Bromomethane
Bromodichloromethane
Bromoform
Carbon Tetrachloride
Chlorobenzene
2-Chlorovinylether
Chloroform
Chloromethane
Dibromochloromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethene
Trans-1,2-Dichloroethene
1,2-Dichloropropane
Cis-1,3-Dichloropropene
Trans-1,3-Dichloropropene
Ethylbenzene
Methylene Chloride
1,1,2,2-Tetrachloroethane
Tetrachloroethene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethene
Toluene
Vinyl Chloride

**Base/Neutral Extractable Organic
Compounds
(EPA Method 625)**

Acenaphthene
Acenaphthylene
Benzidene
Benzo (a) Anthracene
Benzo (b) Fluoranthene
Benzo (k) Fluoranthene
Benzo (a) Pyrene
Benzo (g,h,i) Perylene
Bis (2-Chloroethyl) Ether
Bis (2-Chloroethoxy) Methane
Bis (2-Ethylhexyl) Phthalate
Bis (dichloroisopropyl) Ether
4-Bromophenyl-Phenyl Ether
Butyl Benzyl Phthalate

**Base/Neutral Extractable Organic
Compounds (Continued)**

2-Chloronaphthalene
4-Chlorophenyl-phenyl Ether
Chrysene
Dibenzo (a,h) Anthracene
Di-N-Butyl Phthalate
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
3,3-Dichlorobenzidine
Diethylphthalate
Dimethylphthalate
2,4-Dinitrotoluene
2,6-Dinitrotoluene
Di-N-Octyl Phthalate
1,2-Diphenylhydrazine
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachloroethane
Hexachlorocyclopentadiene
Indeno (1,2,3-cd) Pyrene
Isophorone
Naphthalene
Nitrobenzene
N-Nitrosodimethylamine
N-Nitrosodipropylamine
N-Nitrosodiphenylamine
Phenanthrene
Pyrene
2,3,7,8-Tetrachlorodibenzo-P-Dioxin
1,2,4-Trichlorobenzene

**Acid Extractable Organic
Compounds
(EPA Method 625)**

4-Chloro-3-Methylphenol
2-Chlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2-Methyl-4,6-Dinitrophenol
2-Nitrophenol
4-Nitrophenol
Pentachlorophenol
Phenol
2,4,6-Trichlorophenol

Appendix D. Fees/Penalties for Noncompliance

APPENDIX D
FEES AND PENALTIES FOR NONCOMPLIANCES, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility	Issue Date	Amount	Item	Enforcement ID
A & G Electropolish	1/21/2025	\$727	Notice of Violation	2025-00067342
A & G Electropolish	6/10/2025	\$400	Appeal Review	2025-00070859
Active Plating, Inc.	11/12/2024	\$817	Notice of Violation	2024-00066512
AdvancedPCB	12/13/2024	\$765	Notice of Violation	2024-00066940
AdvancedPCB	2/6/2025	\$727	Notice of Violation	2025-00067977
AdvancedPCB-OC	4/3/2025	\$200	Notice of Violation	2025-00068847
AdvancedPCB-OC	4/3/2025	\$200	Notice of Violation	2025-00069264
Advance-Tech Plating, Inc.	1/17/2025	\$18,500	Administrative Complaint Settlement Agreement	2024-00067098
Air Industries Company, A PCC Company (Knott)	1/13/2025	\$400	Notice of Violation	2025-00067610
Alloy Die Casting, Co. dba ADC Aerospace	6/16/2025	\$727	Notice of Violation	2025-00070806
Alloy Tech Electropolishing, Inc.	7/9/2024	\$727	Notice of Violation	2024-00064158
Alloy Tech Electropolishing, Inc.	10/8/2024	\$527	Notice of Violation	2024-00065927
Aluminum Precision Products, Inc. (Alton).	9/30/2024	\$727	Notice of Violation	2024-00065765
Aluminum Precision Products, Inc. (Susan)	3/5/2025	\$400	Notice of Violation	2025-00068677
Arrowhead Products Corporation	7/22/2024	\$727	Notice of Violation	2024-00064371
Arrowhead Products Corporation	9/13/2024	\$200	Notice of Violation	2024-00065523
BAZZ HOUSTON CO .	7/8/2024	\$400	Notice of Violation	2024-00064077
Blower-Dempsay Corp. DBA Pacific Western Container	7/30/2024	\$200	Notice of Violation	2024-00064722
Blue Ribbon Container and Display, Inc.	11/12/2024	\$727	Notice of Violation	2024-00066228
Brasstech, Inc	10/27/2025	\$815	Significant Non- Compliance Publication	2025-00073012
Brea Power II, LLC	9/19/2024	\$513	Notice of Violation	2024-00065560
Brothers International Desserts (North)	10/27/2025	\$815	Significant Non- Compliance Publication	2025-00073134
Brothers International Desserts (West)	10/27/2025	\$815	Significant Non- Compliance Publication	2025-00073014
Cadillac Plating, Inc.	2/6/2025	\$727	Notice of Violation	2025-00068130
CALI CHEM INC. DBA BE BEAUTY	6/10/2025	\$200	Notice of Violation	2025-00070847
City of Anaheim, Public Utilities Dept. - Water Services (WRF)	6/16/2025	\$713	Notice of Violation	2025-00070542
Columbine Associates	3/18/2025	\$770	Notice of Violation	2025-00068767

APPENDIX D
FEES AND PENALTIES FOR NONCOMPLIANCES, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility	Issue Date	Amount	Item	Enforcement ID
Columbine Associates	10/27/2025	\$485	Significant Non-Compliance Publication	2025-00073015
Cooper and Brain, Inc.	10/27/2025	\$1,145	Significant Non-Compliance Publication	2025-00073016
Dona Tina LLC - Northgate Gonzalez, LLC.	10/27/2025	\$815	Significant Non-Compliance Publication	2025-00073019
Dr. Squatch Bricc City	8/22/2024	\$400	Notice of Violation	2024-00065037
Dr. Squatch Bricc City	12/31/2024	\$770	Notice of Violation	2024-00067309
Dr. Squatch Bricc City	1/14/2025	\$400	Notice of Violation	2025-00067591
Dr. Squatch Bricc City	3/11/2025	\$400	Notice of Violation	2025-00068750
Dr. Squatch Bricc City	3/18/2025	\$400	Notice of Violation	2025-00068843
Dr. Squatch Bricc City	10/27/2025	\$815	Significant Non-Compliance Publication	2025-00073135
Electrode Technologies, Inc. dba Reid Metal Finishing	11/27/2024	\$200	Notice of Violation	2024-00066718
Embee Processing (Anodize)	3/18/2025	\$727	Notice of Violation	2025-00068844
Gold Coast Baking Company, LLC	8/22/2024	\$513	Notice of Violation	2024-00065067
Gold Coast Baking Company, LLC	9/19/2024	\$200	Notice of Violation	2024-00065562
Gold Coast Baking Company, LLC	11/12/2024	\$513	Notice of Violation	2024-00066495
Gold Coast Baking Company, LLC	12/13/2024	\$200	Notice of Violation	2024-00066959
Gold Coast Baking Company, LLC	2/20/2025	\$513	Notice of Violation	2025-00068231
Gold Coast Baking Company, LLC	4/8/2025	\$200	Notice of Violation	2025-00069398
GOODWIN CO.	9/27/2024	\$400	Notice of Violation	2024-00065774
GOODWIN CO.	12/9/2024	\$400	Notice of Violation	2024-00066758
GOODWIN CO.	12/9/2024	\$400	Notice of Violation	2024-00066762
GOODWIN CO.	3/5/2025	\$400	Notice of Violation	2025-00068665
GOODWIN CO.	10/27/2025	\$485	Significant Non-Compliance Publication	2025-00073136
Hi Tech Solder	10/30/2024	\$400	Notice of Violation	2024-00066260
Howmet Global Fastening Systems Inc.	7/25/2024	\$527	Notice of Violation	2024-00064593
HSH Interplan USA, Inc.	4/8/2025	\$400	Notice of Violation	2025-00069396
J&J Marine Acquisition Co., LLC	4/8/2025	\$200	Notice of Violation	2025-00069414
Koia Anaheim Facility, LLC	10/27/2025	\$815	Significant Non-Compliance Publication	2025-00073137
Lightning Diversion Systems, LLC	9/30/2024	\$727	Notice of Violation	2024-00065809

APPENDIX D
FEES AND PENALTIES FOR NONCOMPLIANCES, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility	Issue Date	Amount	Item	Enforcement ID
Linco Industries, Inc.	7/25/2024	\$727	Notice of Violation	2024-00064596
Linco Industries, Inc.	8/7/2024	\$400	Notice of Violation	2024-00064921
Los Alamitos Race Course	10/27/2025	\$1,475	Significant Non-Compliance Publication	2025-00073138
LM Chrome Corporation	2/20/2025	\$762	Notice of Violation	2025-00068186
Mechanized Science Seals, Inc. DBA: MS Bellows	7/30/2024	\$400	Notice of Violation	2024-00064718
MeriCal, LLC	1/21/2025	\$713	Notice of Violation	2025-00067523
Micrometals, Inc.	10/27/2025	\$485	Significant Non-Compliance Publication	2025-00073139
Orange County Chemical Supply Company, Inc.	10/29/2024	\$400	Notice of Violation	2024-00066259
Pacific Coast Water Systems, Inc.	9/30/2024	\$513	Notice of Violation	2024-00065810
Performance Powder, Inc.	9/9/2024	\$200	Notice of Violation	2024-00065463
Precision Anodizing & Plating, Inc.	2/20/2025	\$400	Notice of Violation	2025-00068226
Prudential Overall Supply	8/22/2024	\$770	Notice of Violation	2024-00065068
Quikturn Professional Screenprinting, Inc.	2/6/2025	\$727	Notice of Violation	2025-00068044
Robinson Pharma, Inc. (Gummy - H6)	1/21/2025	\$713	Notice of Violation	2025-00067667
Robinson Pharma, Inc. (Gummy - H6)	4/8/2025	\$713	Notice of Violation	2025-00069399
Robinson Pharma, Inc. (Gummy - H6)	6/16/2025	\$400	Notice of Violation	2025-00070148
Sanmina Corporation (Airway)	10/14/2024	\$727	Notice of Violation	2024-00065811
Simply Fresh, LLC	10/27/2025	\$1,475	Significant Non-Compliance Publication	2025-00073140
SPS Technologies LLC, DBA Cherry Aerospace	10/16/2024	\$758	Notice of Violation	2024-00065975
SPS Technologies LLC, DBA Cherry Aerospace	11/8/2024	\$200	Notice of Violation	2024-00066460
SPS Technologies LLC, DBA Cherry Aerospace	12/13/2024	\$675	Notice of Violation	2024-00066917
SPS Technologies LLC, DBA Cherry Aerospace	1/8/2025	\$400	Notice of Violation	2025-00067566
SPS Technologies LLC, DBA Cherry Aerospace	1/30/2025	\$400	Notice of Violation	2025-00068004
SPS Technologies LLC, DBA Cherry Aerospace	3/5/2025	\$200	Notice of Violation	2025-00068678
SPS Technologies LLC, DBA Cherry Aerospace	3/18/2025	\$727	Notice of Violation	2025-00068845
SPS Technologies LLC, DBA Cherry Aerospace	4/8/2025	\$562	Notice of Violation	2025-00068766

APPENDIX D
FEES AND PENALTIES FOR NONCOMPLIANCES, FISCAL YEAR 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility	Issue Date	Amount	Item	Enforcement ID
SPS Technologies LLC, DBA Cherry Aerospace	4/10/2025	\$200	Notice of Violation	2025-00069454
SPS Technologies LLC, DBA Cherry Aerospace	10/27/2025	\$485	Significant Non-Compliance Publication	2025-00073141
Summit Interconnect, Inc.	6/24/2025	\$200	Notice of Violation	2025-00071080
Superior Connector Plating Inc. DBA Superior Plating Inc.	12/18/2024	\$400	Notice of Violation	2024-00066576
Tawa Services, Inc. (Bakery Central Kitchen)	7/9/2024	\$200	Notice of Violation	2024-00063680
Tawa Services, Inc. (Bakery Central Kitchen)	9/19/2024	\$713	Notice of Violation	2024-00064160
Tawa Services, Inc. (Bakery Central Kitchen)	9/19/2024	\$513	Notice of Violation	2024-00065542
Tawa Services, Inc. (Bakery Central Kitchen)	11/12/2024	\$400	Notice of Violation	2024-00066496
Tawa Services, Inc. (Bakery Central Kitchen)	11/12/2024	\$200	Notice of Violation	2024-00066497
Tawa Services, Inc. (Bakery Central Kitchen)	12/13/2024	\$513	Notice of Violation	2024-00066960
Tawa Services, Inc. (Bakery Central Kitchen)	2/6/2025	\$200	Notice of Violation	2025-00067967
Tawa Services, Inc. (Bakery Central Kitchen)	4/8/2025	\$713	Notice of Violation	2025-00069400
Tawa Services, Inc. (Bakery Central Kitchen)	6/16/2025	\$200	Notice of Violation	2025-00070877
Tawa Services, Inc. (Food and Meat Processing Center)	7/22/2024	\$513	Notice of Violation	2024-00064163
Taylor-Dunn Manufacturing (Waev Inc.)	7/9/2024	\$527	Notice of Violation	2024-00064164
Thompson Energy Resources LLC (Brea)	12/13/2024	\$770	Notice of Violation	2024-00066951
Thompson Energy Resources LLC (Brea)	10/27/2025	\$1,145	Significant Non-Compliance Publication	2025-00073142
Thompson Energy Resources LLC (Brea)	6/5/2025	\$4,500	Administrative Complaint Settlement Agreement	2025-00069850
Tuk Tuk Orange, LLC	7/25/2024	\$100	Notice of Violation	2024-00064339
Universal Molding Co.	10/27/2025	\$650	Significant Non-Compliance Publication	2025-00073143
Van Law Food Products, Inc.	9/30/2024	\$513	Notice of Violation	2024-00065803

Appendix E. Public Notice of Industries in Significant Noncompliance

0011760600

Rose Anne Griggs
18480 Bandilier Circle
Fountain Valley, CA 92708

**PROOF OF PUBLICATION
(2015.5 C.C.P.)**

**STATE OF CALIFORNIA
County of Orange**

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not party to or interested in the above-entitled matter. I am the principal clerk of the printer of The Orange County Register, a newspaper of general circulation, printed and published in the City of Irvine*, County of Orange, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of County of Orange, State of California, under the date of November 19, 1905, Case No.A-21046. The notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

10/27/2025

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Dated at Irvine, California

On this 27th day of October, 2025.



Signature

PUBLIC NOTICE

In accordance with the public participation requirements of Title 40, Part 25 (40 CFR Part 25) in the enforcement of National Pretreatment Standards and as defined by 40 CFR 403.8(f)(2)(vii), the Orange County Sanitation District (OC San) is hereby publishing the following list of permittees who, during July 1, 2024 through June 30, 2025, were identified as industries in significant noncompliance with applicable Pretreatment requirements. An industry in significant noncompliance is defined as follows:

- Chronic violations of wastewater discharge limits, defined here as those in which 66 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement, including instantaneous limits, as defined by 40 CFR 403.30;
- Technical Review Criteria (TRC) violations, defined here as those in which 33 percent or more of all of the measurements taken for the same pollutant parameter during a 6-month period equal or exceed the product of the numeric Pretreatment Standard or Requirement including instantaneous limits, as defined by 40 CFR 403.30) multiplied by the applicable TRC (TRC = 1.4 for Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), fats, oil, and grease, and 1.2 for all other pollutants except pH);
- Any other violation of a Pretreatment Standard or Requirement as defined by 40 CFR 403.30) (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the POTW ("Publicly Owned Treatment Works," which in this case is OC San) determines has caused, alone or in combination with other discharges, interference or Pass Through (including endangering the health of POTW personnel or the general public);
- Any discharge of a pollutant that has caused imminent endangerment to human health, welfare, or to the environment or has resulted in the POTW's exercise of its emergency authority to halt or prevent such a discharge;
- Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance;
- Failure to provide, within 45 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules;
- Failure to accurately report noncompliance;
- Any other violation or group of violations, which may include a violation of Best Management Practices, which the POTW determines will adversely affect the operation or implementation of the local Pretreatment Program.

OC San has taken enforcement action against these permittees. In response, permittees are required to identify and implement corrective actions to maintain long-term compliance with wastewater discharge regulations and permit limits.

Summary of Companies in Significant Noncompliance (SNC) Fiscal Year 2024/25 Orange County Sanitation District			
Company Name	Permit No.	Category	City
Industries SNC Due to Discharge Violations			
Columbine Associates	1-521784	Oil and Gas Extraction	Yorba Linda
GOODWIN CO.	1-031043	Soap And Detergent Manufacturing	Garden Grove
Micrometals, Inc.	1-021153	Nonferrous Metals Forming And Metal Powder	Anaheim
SPS Technologies LLC, DBA Cherry Aerospace	1-511381	Aluminum Forming, Metal Finishing, Nonferrous Metals Forming And Metal Powder	Santa Ana
Industries SNC Due to Reporting Violations			
Brostech, Inc.	1-600318	Metal Finishing	Santa Ana
Brothers International Desserts (North)	1-600583	Dairy Products Processing	Irvine
Brothers International Desserts (West)	1-600582	Dairy Products Processing	Irvine
Creyer and Brain, Inc.	1-031070	Oil and Gas Extraction	Brea
Dona Tins, LLC / Northgate Gonzalez, LLC.	1-602333	Meat And Poultry Products	Irvine
Koia Anaheim Facility, LLC	1-601767	OC San Local Limits	Anaheim
Los Alamitos Race Course	1-602367	Concentrated Animal Feeding Operations (CAFO)	Cypress
Simply Fresh, LLC	1-600709	OC San Local Limits	Buena Park
Thompson Energy Resources LLC (Brea)	1-601469	Oil and Gas Extraction	Brea
Universal Molding Co.	1-521836	Metal Finishing	Fullerton
Industries SNC Due to Discharge and Reporting Violations			
Dr. Squatch Brocc City	1-602045	Soap And Detergent Manufacturing	Brea

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Appendix F. Acknowledgements

APPENDIX F

ACKNOWLEDGEMENTS

The Resource Protection Division of the Orange County Sanitation District wishes to acknowledge the following people for their contributions to this report:

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Appendix G. Irvine Ranch Water District (IRWD) Sampling

APPENDIX G

2024/25 Irvine Ranch Water District (IRWD) Quarterly Priority Pollutant Monitoring

Sampling is performed quarterly by Regulatory Compliance personnel on the influent and effluent. The results for MWRP influent and effluent are shown in this appendix. Two types of sampling are performed:

1. Grab samples are collected at each location for Volatile Organic Priority Pollutants and cyanide.
2. Composite samples are collected for Base/Neutrals and Acid Extractables, Inorganic Priority Pollutants, Pesticides/Polychlorinated Biphenyls at each location. This sampling is performed with an automatic sampler that collects discrete, flow-paced samples over a 24-hour period. The composite samples are collected in 5-gallon glass bottles, and then distributed out into the appropriate glass or plastic bottle for preservation and storage.

The collection points for the samples are as follows:

1. Influent: Collected at headworks before grit basins.
2. Effluent: Collected at the end of the chlorine contact basin (CCB) but downstream of where the CCB effluent and ultraviolet (UV) disinfected effluent are combined, just prior to entering the recycled water distribution system

Samples are submitted to the IRWD Water Quality Laboratory where they are analyzed in-house or contracted to either Weck Laboratories located in the City of Industry, or Eurofins Test America Laboratory located in the City of Irvine. Collected samples are preserved, refrigerated, and shipped on ice as required to the specific lab for analysis. Each lab supplies their respective sample containers with the preservatives as required by the method.

The reporting detection limits shown in the results are the limits for that particular sample. The reporting detection limit may vary from the laboratory and from sample to sample based on QA/QC analysis and the degree of sample dilution.

APPENDIX G
SUMMARY OF INORGANIC PRIORITY POLLUTANT ANALYSES
INFLUENT, EFFLUENT AND SLUDGE, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	ML
Sample Date	7/10/24 - 9/11/24	10/2/2024- 12/4/2024	1/9/2025- 3/5/2025	4/9/2025- 6/4/2025	2024-2025	2023-2024	
INFLUENT							
Antimony	0.47	0.42	0.45	0.529	0.47	0.40	0.50
Arsenic	2.26	2.1	1.9	2.44	2.18	2.52	0.50
Beryllium	ND	ND	ND	ND	ND	ND	0.50
Cadmium	0.16	ND	0.13	0.24	0.13	ND	0.25
Chromium	1.23	1.33	1.4	2.08	1.51	1.34	0.50
Copper	85.1	59.2	47	68.9	65.05	52.9	0.50
Lead	0.59	0.62	0.83	0.88	0.73	0.71	0.50
Mercury	0.0089	0.0063	0.0018	0.017	0.009	ND	0.005
Nickel	2.76	2.9	2.2	3.83	2.92	2.69	1.00
Selenium	1.97	1.79	2.7	2.5	2.24	2.05	0.50
Silver	0.21	0.2	ND	0.34	0.19	0.36	0.25
Thallium	ND	ND	ND	ND	ND	ND	1.00
Total Cyanide	4.0	120	93	8.7	57.18	39.0	2.00
Zinc	124	118	150	219	152.75	142	5.00
EFFLUENT							
Antimony	0.44	0.39	0.26	0.43	0.38	0.17	0.50
Arsenic	1.85	1.85	1.73	1.62	1.76	2.06	0.50
Beryllium	ND	ND	ND	ND	ND	ND	0.50
Cadmium	ND	ND	ND	ND	ND	ND	0.25
Chromium	0.52	0.43	0.56	0.40	0.48	0.13	0.50
Copper	4.46	4.27	3.68	4.03	4.11	5.94	0.50
Lead	ND	ND	ND	ND	ND	ND	0.50
Mercury	ND	ND	ND	ND	ND	ND	0.01
Nickel	1.81	1.40	1.03	1.47	1.43	1.64	1.00
Selenium	1.57	1.40	1.53	1.61	1.53	1.29	0.50
Silver	ND	ND	ND	ND	ND	ND	0.25
Thallium	ND	ND	ND	ND	ND	ND	1.00
Total Cyanide	2.0	0.86	ND	ND	0.57	0.878	2.00
Zinc	41.1	35	33.97	37.63	36.93	42.0	5.00
SLUDGE							
Antimony	NA	NA	NA	NA	NA	NA	10.00
Arsenic	NA	NA	NA	NA	NA	NA	20.00
Beryllium	NA	NA	NA	NA	NA	NA	10.00
Cadmium	NA	NA	NA	NA	NA	NA	5.00
Chromium	NA	NA	NA	NA	NA	NA	10.00
Copper	NA	NA	NA	NA	NA	NA	10.00
Lead	NA	NA	NA	NA	NA	NA	10.00

APPENDIX G
SUMMARY OF INORGANIC PRIORITY POLLUTANT ANALYSES
INFLUENT, EFFLUENT AND SLUDGE, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	ML
Sample Date	7/10/24 - 9/11/24	10/2/2024- 12/4/2024	1/9/2025- 3/5/2025	4/9/2025- 6/4/2025	2024-2025	2023-2024	
Mercury	NA	NA	NA	NA	NA	NA	0.01
Nickel	NA	NA	NA	NA	NA	NA	10.00
Selenium	NA	NA	NA	NA	NA	NA	10.00
Silver	NA	NA	NA	NA	NA	NA	5.00
Thallium	NA	NA	NA	NA	NA	NA	20.00
Total Cyanide	NA	NA	NA	NA	NA	NA	100.00
Zinc	NA	NA	NA	NA	NA	NA	10.00

ML method quantitation limit, results below the ML are reported as ND
ND non-detect
NA not analyzed
µg/L microgram per liter
* estimated concentration

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
INFLUENT, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	
Sample Date	7/10/24 - 9/11/24	10/2/24- 12/6/24	1/8/25- 3/27/25	4/9/25- 6/4/25	2024-2025	2023-2024	ML
VOLATILE PRIORITY POLLUTANTS							
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	0.50
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	0.50
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	0.50
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	0.50
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	0.50
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.50
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	0.50
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	0.50
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.50
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.50
Acrolein	ND	ND	ND	ND	ND	ND	5.00
Acrylonitrile	ND	ND	ND	ND	ND	ND	2.00
Benzene	ND	ND	ND	ND	ND	ND	0.50
Bromodichloromethane	0.55	NA	0.50	NA	0.53	0.28	0.50
Bromoform	0.30	NA	0.35	NA	0.33	ND	0.50
Bromomethane	ND	ND	ND	ND	ND	ND	0.50
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	0.50
Chlorobenzene	ND	ND	ND	ND	ND	ND	0.50
Chloroethane	ND	ND	ND	ND	ND	ND	0.50
Chloroform	1.36	NA	1.24	NA	1.3	1.40	0.50
Chloromethane	ND	ND	ND	ND	ND	ND	0.50
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.50
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	0.50
Dibromochloromethane	0.680	NA	0.720	NA	0.7	0.45	0.50
Ethylbenzene	ND	ND	ND	ND	ND	ND	0.50
Methylene chloride	ND	ND	ND	ND	ND	ND	2.00
Tetrachloroethene	ND	ND	ND	ND	ND	ND	0.50
Toluene	2.05	NA	0.910	NA	1.48	ND	0.50
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.50
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	0.50
Trichloroethylene	ND	ND	ND	ND	ND	ND	0.50
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	0.50
Vinyl chloride	ND	ND	ND	ND	ND	ND	0.50
VOLATILE POLLUTANTS- HAZARDOUS SUBSTANCES							
2-Hexanone	ND	ND	ND	ND	ND	ND	10.00
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	10.00
Acetone	162	NA	370	NA	266	247	2.00

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
INFLUENT, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	
Sample Date	7/10/24 - 9/11/24	10/2/24- 12/6/24	1/8/25- 3/27/25	4/9/25- 6/4/25	2024-2025	2023-2024	ML
Carbon disulfide	0.41	ND	ND	ND	0.21	0.40	1.00
m+p-Xylenes	ND	ND	ND	ND	ND	ND	0.50
Methyl ethyl ketone	2.49	NA	2.38	NA	2.44	1.65	2.00
o-Xylene	ND	ND	ND	ND	ND	ND	0.50
Styrene	ND	NA	0.14	NA	0.07	ND	0.50
Tetrahydrofuran	ND	NA	0.61	NA	0.31	ND	10.00
Vinyl acetate	ND	ND	ND	ND	ND	ND	0.05
BASE/NEUTRAL EXTRACTABLE PRIORITY POLLUTANTS							
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	10.00
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	5.00
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	10.00
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	10.00
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	10.00
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	25.00
4-Bromophenyl phenyl	ND	ND	ND	ND	ND	ND	10.00
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	10.00
Acenaphthene	ND	ND	ND	ND	ND	ND	5.00
Acenaphthylene	ND	ND	ND	ND	ND	ND	10.00
Anthracene	ND	ND	ND	ND	ND	ND	10.00
Benzidine	ND	ND	ND	ND	ND	ND	25.00
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	10.00
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	10.00
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	10.00
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	20.00
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	10.00
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	10.00
Bis(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	5.00
Bis(2-Chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	10.00
Bis(2-Ethylhexyl) phthalate	ND	ND	ND	ND	ND	ND	25.00
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	10.00
Chrysene	ND	ND	ND	ND	ND	ND	10.00
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	20.00
Diethyl phthalate	ND	ND	ND	ND	ND	ND	10.00
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	10.00
Di-N-Butylphthalate	ND	ND	ND	ND	ND	ND	10.00
Di-N-Octylphthalate	ND	ND	ND	ND	ND	ND	10.00
Fluoranthene	ND	ND	ND	ND	ND	ND	5.00
Fluorene	ND	ND	ND	ND	ND	ND	10.00

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
INFLUENT, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	
Sample Date	7/10/24 - 9/11/24	10/2/24- 12/6/24	1/8/25- 3/27/25	4/9/25- 6/4/25	2024-2025	2023-2024	ML
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	5.00
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	5.00
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	25.00
Hexachloroethane	ND	ND	ND	ND	ND	ND	5.00
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	20.00
Isophorone	ND	ND	ND	ND	ND	ND	5.00
Naphthalene	ND	ND	ND	ND	ND	ND	5.00
Nitrobenzene	ND	ND	57	ND	14.25	ND	5.00
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	10.00
N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	10.00
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	1.93	5.00
Phenanthrene	ND	ND	ND	ND	ND	ND	10.00
Pyrene	ND	ND	ND	ND	ND	ND	10.00
ACID EXTRACTABLE PRIORITY POLLUTANTS							
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	10.00
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	10.00
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	10.00
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	25.00
2-Chlorophenol	ND	ND	ND	ND	ND	ND	10.00
2-Nitrophenol	ND	ND	ND	ND	ND	ND	10.00
4,6-Dinitro-o-cresol	NA	NA	NA	NA	NA	NA	25.00
4-Nitrophenol	ND	ND	ND	ND	ND	ND	50.00
p-Chloro-m-cresol	NA	NA	NA	NA	NA	NA	5.00
Pentachlorophenol	ND	ND	ND	ND	ND	ND	10.00
Phenol	ND	9.0	22	10	10.25	3.60	5.00
BNA EXTRACTABLE POLLUTANTS – HAZARDOUS SUBSTANCES							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	25.00
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	10.00
2-Methylphenol	ND	ND	ND	ND	ND	ND	25.00
2-Nitroaniline	ND	ND	ND	ND	ND	ND	10.00
3-Nitroaniline	ND	ND	ND	ND	ND	ND	10.00
4-Chloroaniline	ND	ND	ND	ND	ND	ND	10.00
3&4-Methylphenol	35	36	70	48	47.25	23	5.00
4-Nitroaniline	ND	ND	ND	ND	ND	ND	10.00
Aniline	ND	ND	ND	ND	ND	ND	10.00
Benzoic acid	ND	260	300	230	197.5	37.5	10.00
Benzyl alcohol	ND	23	37	30	22.5	9.00	10.00
Dibenzofuran	ND	ND	ND	ND	ND	ND	10.00

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
INFLUENT, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	
Sample Date	7/10/24 - 9/11/24	10/2/24- 12/6/24	1/8/25- 3/27/25	4/9/25- 6/4/25	2024-2025	2023-2024	ML
PRIORITY POLLUTANT PESTICIDES							
4,4'-DDD	ND	ND	ND	ND	ND	ND	0.03
4,4'-DDE	ND	ND	ND	ND	ND	ND	0.03
4,4'-DDT	ND	ND	ND	ND	ND	ND	0.01
Aldrin	ND	ND	ND	ND	ND	ND	0.01
Alpha-BHC	ND	ND	ND	ND	ND	ND	0.01
Beta-BHC	ND	ND	ND	ND	ND	ND	0.01
Chlordane	ND	ND	ND	ND	ND	ND	0.50
Delta-BHC	ND	ND	ND	ND	ND	ND	0.01
Dieldrin	ND	ND	ND	ND	ND	ND	0.02
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	0.03
Endosulfan-I	ND	ND	ND	ND	ND	ND	0.02
Endosulfan-II	ND	ND	ND	ND	ND	ND	0.01
Endrin	ND	ND	ND	ND	ND	ND	0.02
Endrin aldehyde	ND	ND	ND	ND	ND	ND	0.01
Heptachlor	ND	ND	ND	ND	ND	ND	0.02
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	0.01
Lindane	ND	ND	ND	ND	ND	ND	0.02
Methoxychlor	NA	NA	NA	NA	NA	NA	0.03
PCB-1016	ND	ND	ND	ND	ND	ND	1.50
PCB-1221	ND	ND	ND	ND	ND	ND	1.50
PCB-1232	ND	ND	ND	ND	ND	ND	1.50
PCB-1242	ND	ND	ND	ND	ND	ND	1.50
PCB-1248	ND	ND	ND	ND	ND	ND	1.50
PCB-1254	ND	ND	ND	ND	ND	ND	1.50
PCB-1260	ND	ND	ND	ND	ND	ND	1.50
Toxaphene	ND	ND	ND	ND	ND	ND	2.50

ML method quantitation limit, results below the ML are reported as ND
ND non-detect
NA not analyzed
µg/L microgram per liter
* estimated concentration

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
FINAL EFFLUENT, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	
Sample Date	7/10/24 - 9/11/24	10/2/24- 12/4/24	1/8/25- 3/5/25	4/10/25- 7/10/25	2024-2025	2023-2024	ML
VOLATILE PRIORITY POLLUTANTS							
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	0.50
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	0.50
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	0.50
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	0.50
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	0.50
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.50
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	0.50
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	0.50
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.50
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.50
Acrolein	ND	ND	ND	ND	ND	ND	5.00
Acrylonitrile	ND	ND	ND	ND	ND	ND	2.00
Benzene	ND	ND	ND	ND	ND	ND	0.50
Bromodichloromethane	29.4	32.4	21.6	25	26.34	28.6	0.50
Bromoform	0.31	NA	0.26	NA	0.29	ND	0.50
Bromomethane	ND	ND	ND	ND	ND	ND	0.50
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	0.50
Chlorobenzene	ND	ND	ND	ND	ND	ND	0.50
Chloroethane	ND	ND	ND	ND	ND	ND	0.50
Chloroform	91.0	NA	85.3	NA	88.15	101	0.50
Chloromethane	ND	ND	ND	ND	ND	ND	0.50
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.50
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	0.50
Dibromochloromethane	6.42	NA	4.98	NA	5.7	6.54	0.50
Ethylbenzene	ND	ND	ND	ND	ND	ND	0.50
Methylene chloride	ND	ND	ND	ND	ND	ND	2.00
Tetrachloroethene	0.15	NA	0.13	NA	0.14	ND	0.50
Toluene	0.14	NA	0.21	NA	0.18	ND	0.50
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.50
trans-1,3-Dichloropropene	0.20	NA	0.14	NA	0.17	ND	0.50
Trichloroethylene	ND	ND	ND	ND	ND	ND	0.50
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	0.50
Vinyl chloride	ND	ND	ND	ND	ND	ND	0.50
VOLATILE POLLUTANTS – HAZARDOUS SUBSTANCES							
2-Hexanone	ND	ND	ND	ND	ND	ND	10.00
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	10.00
Acetone	2.25	NA	1.88	NA	2.07	2.10	2.00

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
FINAL EFFLUENT, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	
Sample Date	7/10/24 - 9/11/24	10/2/24- 12/4/24	1/8/25- 3/5/25	4/10/25- 7/10/25	2024-2025	2023-2024	ML
Carbon disulfide	ND	ND	ND	ND	ND	ND	1.00
m+p-Xylenes	ND	ND	ND	ND	ND	ND	0.50
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	2.00
o-Xylene	ND	ND	ND	ND	ND	ND	0.50
Styrene	ND	ND	ND	ND	ND	ND	0.50
Tetrahydrofuran	ND	ND	ND	ND	ND	ND	10.00
Vinyl acetate	ND	ND	ND	ND	ND	ND	0.05
BASE/NEUTRAL EXTRACTABLE PRIORITY POLLUTANTS							
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	2.00
1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	1.00
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	2.00
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	2.00
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	2.00
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	5.00
4-Bromophenyl phenyl	ND	ND	ND	ND	ND	ND	2.00
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	2.00
Acenaphthene	ND	ND	ND	ND	ND	ND	1.00
Acenaphthylene	ND	ND	ND	ND	ND	ND	2.00
Anthracene	ND	ND	ND	ND	ND	ND	2.00
Benzidine	ND	ND	ND	ND	ND	ND	5.00
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	2.00
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	2.00
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	2.00
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	4.00
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	2.00
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	2.00
Bis(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	1.00
Bis(2-Chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	2.00
Bis(2-Ethylhexyl) phthalate	ND	ND	0.18	0.2	0.10	5.75	5.00
Butyl benzyl phthalate	ND	ND	0.15	0.17	0.08	ND	2.00
Chrysene	ND	ND	ND	ND	ND	ND	2.00
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	4.00
Diethyl phthalate	ND	ND	0.54	ND	0.14	ND	2.00
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	2.00
Di-N-Butylphthalate	ND	ND	ND	ND	ND	ND	2.00
Di-N-Octylphthalate	ND	ND	ND	ND	ND	ND	2.00
Fluoranthene	ND	ND	ND	ND	ND	ND	1.00
Fluorene	ND	ND	ND	ND	ND	ND	2.00

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
FINAL EFFLUENT, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	
Sample Date	7/10/24 - 9/11/24	10/2/24- 12/4/24	1/8/25- 3/5/25	4/10/25- 7/10/25	2024-2025	2023-2024	ML
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	1.00
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	1.00
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	5.00
Hexachloroethane	ND	ND	ND	ND	ND	ND	1.00
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	4.00
Isophorone	ND	ND	ND	ND	ND	ND	1.00
Naphthalene	ND	ND	ND	ND	ND	ND	1.00
Nitrobenzene	ND	ND	0.53	ND	0.13	ND	1.00
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	2.00
N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	2.00
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	1.00
Phenanthrene	ND	ND	ND	ND	ND	ND	2.00
Pyrene	ND	ND	ND	ND	ND	ND	2.00
ACID EXTRACTABLE PRIORITY POLLUTANTS							
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	2.00
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	2.00
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	2.00
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	5.00
2-Chlorophenol	ND	ND	ND	ND	ND	ND	2.00
2-Nitrophenol	ND	ND	ND	ND	ND	ND	2.00
4,6-Dinitro-o-cresol	NA	NA	NA	NA	NA	NA	5.00
4-Nitrophenol	ND	ND	ND	ND	ND	ND	10.0
p-Chloro-m-cresol	NA	NA	NA	NA	NA	NA	1.00
Pentachlorophenol	ND	ND	ND	ND	ND	ND	2.00
Phenol	ND	ND	ND	ND	ND	1.95	1.00
BNA EXTRACTABLE POLLUTANTS – HAZARDOUS SUBSTANCES							
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	5.00
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	1.00
2-Methylphenol	ND	ND	ND	ND	ND	ND	5.00
2-Nitroaniline	ND	ND	ND	ND	ND	ND	1.00
3-Nitroaniline	ND	ND	ND	ND	ND	ND	1.00
4-Chloroaniline	ND	ND	ND	ND	ND	ND	1.00
3&4-Methylphenol	ND	ND	ND	ND	ND	ND	1.00
4-Nitroaniline	ND	ND	ND	ND	ND	ND	10.0
Aniline	ND	ND	ND	ND	ND	ND	1.00
Benzoic acid	ND	ND	ND	8.2	2.05	ND	1.00
Benzyl alcohol	NA	0.28	NA	NA	0.28	0.08	1.00
Dibenzofuran	ND	ND	ND	ND	ND	ND	1.00

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
FINAL EFFLUENT, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	
Sample Date	7/10/24 - 9/11/24	10/2/24- 12/4/24	1/8/25- 3/5/25	4/10/25- 7/10/25	2024-2025	2023-2024	ML
PRIORITY POLLUTANT PESTICIDES							
4,4'-DDD	ND	ND	ND	ND	ND	ND	0.03
4,4'-DDE	ND	ND	ND	ND	ND	ND	0.03
4,4'-DDT	ND	ND	ND	ND	ND	ND	0.01
Aldrin	ND	ND	ND	ND	ND	ND	0.01
Alpha-BHC	ND	ND	ND	ND	ND	ND	0.01
Beta-BHC	ND	ND	ND	ND	ND	ND	0.01
Chlordane	ND	ND	ND	ND	ND	ND	0.50
Delta-BHC	ND	ND	ND	ND	ND	ND	0.01
Dieldrin	ND	ND	ND	ND	ND	ND	0.02
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	0.03
Endosulfan-I	ND	ND	ND	ND	ND	ND	0.02
Endosulfan-II	ND	ND	ND	ND	ND	ND	0.01
Endrin	ND	ND	ND	ND	ND	ND	0.02
Endrin aldehyde	ND	ND	ND	ND	ND	ND	0.01
Heptachlor	ND	ND	ND	ND	ND	ND	0.02
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	0.01
Lindane	ND	ND	ND	ND	ND	ND	0.02
Methoxychlor	ND	ND	ND	ND	ND	NA	0.03
PCB-1016	ND	ND	ND	ND	ND	ND	1.50
PCB-1221	ND	ND	ND	ND	ND	ND	1.50
PCB-1232	ND	ND	ND	ND	ND	ND	1.50
PCB-1242	ND	ND	ND	ND	ND	ND	1.50
PCB-1248	ND	ND	ND	ND	ND	ND	1.50
PCB-1254	ND	ND	ND	ND	ND	ND	1.50
PCB-1260	ND	ND	ND	ND	ND	ND	1.50
Toxaphene	ND	ND	ND	ND	ND	ND	2.50

ML method quantitation limit, results below the ML are reported as ND
ND non-detect
NA not analyzed
µg/L microgram per liter
* estimated concentration

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
SLUDGE, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	ML
Sample Date	7/10/24- 9/11/24	10/2/2024- 12/4/2024	1/9/2025- 3/5/2025	4/9/2025- 6/4/2025	2024-2025	2023-2024	(µg/L)
VOLATILE PRIORITY POLLUTANTS							
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	12.5
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	12.5
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	12.5
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	12.5
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	12.5
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	12.5
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	12.5
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	12.5
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	12.5
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	12.5
Acrolein	NA	NA	NA	NA	NA	NA	125
Acrylonitrile	NA	NA	NA	NA	NA	NA	50.0
Benzene	NA	NA	NA	NA	NA	NA	12.5
Bromodichloromethane	NA	NA	NA	NA	NA	NA	12.5
Bromoform	NA	NA	NA	NA	NA	NA	12.5
Bromomethane	NA	NA	NA	NA	NA	NA	12.5
Carbon tetrachloride	NA	NA	NA	NA	NA	NA	12.5
Chlorobenzene	NA	NA	NA	NA	NA	NA	12.5
Chloroethane	NA	NA	NA	NA	NA	NA	12.5
Chloroform	NA	NA	NA	NA	NA	NA	12.5
Chloromethane	NA	NA	NA	NA	NA	NA	12.5
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	12.5
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	12.5
Dibromochloromethane	NA	NA	NA	NA	NA	NA	12.5
Ethylbenzene	NA	NA	NA	NA	NA	NA	12.5
Methylene chloride	NA	NA	NA	NA	NA	NA	50.0
Tetrachloroethene	NA	NA	NA	NA	NA	NA	12.5
Toluene	NA	NA	NA	NA	NA	NA	12.5
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	12.5
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	12.5
Trichloroethylene	NA	NA	NA	NA	NA	NA	12.5
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	12.5
Vinyl chloride	NA	NA	NA	NA	NA	NA	12.5
VOLATILE POLLUTANTS – HAZARDOUS SUBSTANCES							
2-Hexanone	NA	NA	NA	NA	NA	NA	250
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	250
Acetone	NA	NA	NA	NA	NA	NA	125

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
SLUDGE, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	ML
Sample Date	7/10/24- 9/11/24	10/2/2024- 12/4/2024	1/9/2025- 3/5/2025	4/9/2025- 6/4/2025	2024-2025	2023-2024	(µg/L)
Carbon disulfide	NA	NA	NA	NA	NA	NA	25.0
m+p-Xylenes	NA	NA	NA	NA	NA	NA	25.0
Methyl ethyl ketone	NA	NA	NA	NA	NA	NA	50.0
o-Xylene	NA	NA	NA	NA	NA	NA	12.5
Styrene	NA	NA	NA	NA	NA	NA	12.5
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	250
Vinyl acetate	NA	NA	NA	NA	NA	NA	250
BASE/NEUTRAL EXTRACTABLE PRIORITY POLLUTANTS							
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	400
1,2-Diphenylhydrazine	NA	NA	NA	NA	NA	NA	200
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA	400
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	400
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	400
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	NA	1000
4-Bromophenyl phenyl	NA	NA	NA	NA	NA	NA	400
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	NA	NA	400
Acenaphthene	NA	NA	NA	NA	NA	NA	200
Acenaphthylene	NA	NA	NA	NA	NA	NA	400
Anthracene	NA	NA	NA	NA	NA	NA	400
Benzidine	NA	NA	NA	NA	NA	NA	1000
Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	400
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	400
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	400
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA	800
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA	400
Bis(2-chloroethoxy)methane	NA	NA	NA	NA	NA	NA	400
Bis(2-Chloroethyl) ether	NA	NA	NA	NA	NA	NA	200
Bis(2-Chloroisopropyl) ether	NA	NA	NA	NA	NA	NA	400
Bis(2-Ethylhexyl) phthalate	NA	NA	NA	NA	NA	NA	1000
Butyl benzyl phthalate	NA	NA	NA	NA	NA	NA	400
Chrysene	NA	NA	NA	NA	NA	NA	400
Dibenzo(a,h)anthracene	NA	NA	NA	NA	NA	NA	800
Diethyl phthalate	NA	NA	NA	NA	NA	NA	400
Dimethyl phthalate	NA	NA	NA	NA	NA	NA	400
Di-N-Butylphthalate	NA	NA	NA	NA	NA	NA	400
Di-N-Octylphthalate	NA	NA	NA	NA	NA	NA	400
Fluoranthene	NA	NA	NA	NA	NA	NA	200
Fluorene	NA	NA	NA	NA	NA	NA	400

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
SLUDGE, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	ML
Sample Date	7/10/24- 9/11/24	10/2/2024- 12/4/2024	1/9/2025- 3/5/2025	4/9/2025- 6/4/2025	2024-2025	2023-2024	(µg/L)
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	200
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	200
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA	1000
Hexachloroethane	NA	NA	NA	NA	NA	NA	200
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA	NA	800
Isophorone	NA	NA	NA	NA	NA	NA	200
Naphthalene	NA	NA	NA	NA	NA	NA	200
Nitrobenzene	NA	NA	NA	NA	NA	NA	200
N-Nitrosodimethylamine	NA	NA	NA	NA	NA	NA	400
N-Nitrosodi-n-propylamine	NA	NA	NA	NA	NA	NA	400
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA	200
Phenanthrene	NA	NA	NA	NA	NA	NA	400
Pyrene	NA	NA	NA	NA	NA	NA	400
ACID EXTRACTABLE PRIORITY POLLUTANTS							
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA	400
2,4-Dichlorophenol	NA	NA	NA	NA	NA	NA	400
2,4-Dimethylphenol	NA	NA	NA	NA	NA	NA	400
2,4-Dinitrophenol	NA	NA	NA	NA	NA	NA	1000
2-Chlorophenol	NA	NA	NA	NA	NA	NA	400
2-Nitrophenol	NA	NA	NA	NA	NA	NA	400
4,6-Dinitro-o-cresol	NA	NA	NA	NA	NA	NA	1000
4-Nitrophenol	NA	NA	NA	NA	NA	NA	2000
p-Chloro-m-cresol	NA	NA	NA	NA	NA	NA	200
Pentachlorophenol	NA	NA	NA	NA	NA	NA	400
Phenol	NA	NA	NA	NA	NA	NA	200
BNA EXTRACTABLE POLLUTANTS HAZARDOUS SUBSTANCES							
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	NA	1000
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA	NA	1000
2-Nitroaniline	NA	NA	NA	NA	NA	NA	10.0
3-Nitroaniline	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA	NA	200
4-Nitroaniline	NA	NA	NA	NA	NA	NA	NA
Aniline	NA	NA	NA	NA	NA	NA	NA
Benzoic acid	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA

APPENDIX G
SUMMARY OF ORGANIC PRIORITY POLLUTANT ANALYSES
SLUDGE, FY 2024-2025
MICHELSON WATER RECYCLING PLANT (IRWD)
(all test results in µg/L except as noted)

Quarter	1	2	3	4	Average	Average	ML
Sample Date	7/10/24- 9/11/24	10/2/2024- 12/4/2024	1/9/2025- 3/5/2025	4/9/2025- 6/4/2025	2024-2025	2023-2024	(µg/L)
PRIORITY POLLUTANT PESTICIDES							
4,4'-DDD	NA	NA	NA	NA	NA	NA	0.05
4,4'-DDE	NA	NA	NA	NA	NA	NA	0.05
4,4'-DDT	NA	NA	NA	NA	NA	NA	0.02
Aldrin	NA	NA	NA	NA	NA	NA	0.01
Alpha-BHC	NA	NA	NA	NA	NA	NA	0.02
Beta-BHC	NA	NA	NA	NA	NA	NA	0.02
Chlordane	NA	NA	NA	NA	NA	NA	1.00
Delta-BHC	NA	NA	NA	NA	NA	NA	0.02
Dieldrin	NA	NA	NA	NA	NA	NA	0.04
Endosulfan sulfate	NA	NA	NA	NA	NA	NA	0.05
Endosulfan-I	NA	NA	NA	NA	NA	NA	0.04
Endosulfan-II	NA	NA	NA	NA	NA	NA	0.02
Endrin	NA	NA	NA	NA	NA	NA	0.04
Endrin aldehyde	NA	NA	NA	NA	NA	NA	0.02
Heptachlor	NA	NA	NA	NA	NA	NA	0.04
Heptachlor epoxide	NA	NA	NA	NA	NA	NA	0.02
Lindane	NA	NA	NA	NA	NA	NA	0.04
Methoxychlor	NA	NA	NA	NA	NA	NA	0.05
PCB-1016	NA	NA	NA	NA	NA	NA	3.00
PCB-1221	NA	NA	NA	NA	NA	NA	3.00
PCB-1232	NA	NA	NA	NA	NA	NA	3.00
PCB-1242	NA	NA	NA	NA	NA	NA	3.00
PCB-1248	NA	NA	NA	NA	NA	NA	3.00
PCB-1254	NA	NA	NA	NA	NA	NA	3.00
PCB-1260	NA	NA	NA	NA	NA	NA	3.00
Toxaphene	NA	NA	NA	NA	NA	NA	5.00

ML method quantitation limit, results below the ML are reported as ND
ND non-detect
NA not analyzed
µg/L microgram per liter
* estimated concentration

APPENDIX G
SUMMARY OF TOTAL DISSOLVED SOLIDS
EFFLUENT FY 2024-2025
MICHELSON WATER RECYCLING PLANT
(all test results in mg/L except as noted)

Quarter	1	2	3	4	Average	Average	ML
Sample Date	7/10/24- 9/11/24	10/2/2024- 12/4/2024	1/9/2025- 3/5/2025	4/9/2025- 6/4/2025	2024-2025	2023-2024	(mg/L)
TDS	731	661	725	709	707	644	50.0

ML method quantitation limit, results below the ML are reported as ND
ND non-detect
NA not analyzed
µg/L microgram per liter
* estimated concentration

Appendix H. Santa Ana Watershed Project Authority (SAWPA) Reports, Data, SNC Notice

August 28, 2025

Ms. Melissa Soriano
Senior Environmental Specialist
Environmental Compliance
Orange County Sanitation District
10844 Ellis Avenue
Fountain Valley, CA 92708-7018

Subject: Annual Report, Inland Empire Brine Line (FY 2024 – 2025)

Dear Ms. Soriano:

This annual report, including Chapter 7.4, Appendix F – Acknowledgements, and Appendix H – List of SIUs with Monitoring Compliance Status and Permittees with Pretreatment Equipment, has been prepared in the format provided by OC San. Additionally, supplemental information previously requested by OC San during annual report submittals, Appendix J – Monitoring and Compliance Status Report and Water Quality Data for the reporting period has also been developed. Information has been provided from SAWPA and its member/contract agencies: the City of Beaumont (Beaumont), Eastern Municipal Water District (EMWD), Inland Empire Utilities Agency (IEUA), Jurupa Community Services District (JCSD), San Bernardino Municipal Water Department (SBMWD), San Bernardino Valley Municipal Water District (Valley District), Western Municipal Water District (Western Water), and Yucaipa Valley Water District (YVWD).

1. Significant Noncompliance Publication.

SAWPA had no permittees who were in Significant Noncompliance during the period of July 1, 2024, through June 30, 2025.

2. Reporting Clarification.

Several updates were made to the Annual Water Quality Report from the previously submitted Quarterly Reports:

- a. The following monitoring data was sampled during the Third Quarter, but were entered or received after the Third Quarterly Report submittal:
 - Anita B. Smith Treatment Facility – 1/21/25 Self-Monitoring Report
 - Decra Roofing Systems – 1/15/25 Self-Monitoring Report
 - Magnolia Foods – 1/17/25 Control Authority sample
 - Magnolia Foods – 2/18/25 Self-Monitoring Report

- Prudential Overall Supply – 2/25/25 Self-Monitoring Report
- Temescal Desalter – 1/22/25 and 1/24/25 Self-Monitoring Reports
- Wellington Foods, Inc. – 1/10/25 Self-Monitoring Report

- b. The following monitoring data was sampled during the Fourth Quarter, but were entered or received after the Fourth Quarterly Report submittal:
- Pyrite Canyon Treatment Facility – June 2025 Self-Monitoring Report

3. Flows.

Total flow measured by OC San at the Orange County SARI Metering Station (SMS) during the 12-month reporting period (July 1, 2024, through June 30, 2025) was 4,497 million gallons.

I certify, under penalty of law, that the information submitted in the attached documents (Attachments 1, 2, 3, 4, 5, and 6), were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Moreover, based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, the information submitted is, to the best of my knowledge, true, accurate, and complete.

Please contact the undersigned at (951) 354-4245 if any additional information is needed.

Sincerely,



Lucas Gilbert
Manager of Permitting and Pretreatment

Attachments:

1. Annual Report Chapter 7.4
2. Appendix F – Acknowledgements
3. Appendix H – List of SIUs with Monitoring Compliance Status
4. Appendix H – Permittees with Pretreatment Equipment
5. Appendix J – Monitoring and Compliance Status Report
6. Water Quality Data – Alphabetical by Permittee

E-Copy: Kevin Nugent, OC San
Kayla Arias, OC San

APPENDIX H
SANTA ANA WATERSHED PROJECT AUTHORITY (SAWPA) JULY 1, 2024 – JUNE 30, 2025
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 Water	Direct	D1074-6	2100 Fleetwood Drive Jurupa Valley, CA 92509	221310	SIU	403.5(d)	-	4	8	6			
Aramark Uniform & Career Apparel, LLC	Western Water	Direct	D1004-3	1135 Hall Avenue Riverside, CA 92509	812332	SIU	403.5(d)	-	4	16	28			
California Institution for Men	IEUA	Direct	D1006-6	5997 Edison Avenue Chino, CA 91710	922140	SIU	403.5(d)	-	4	16	32			-
Chino I Desalter	SAWPA	Direct	D1081-6	6905 Kimball Avenue Chino, CA 91709	221310	SIU	403.5(d)	-	4	12	4			
Chino II Desalter	SAWPA	Direct	D1010-6	11251 Harrel Street, Jurupa Valley, CA 91752	221310	SIU	403.5(d)	-	4	20	8			
City of Beaumont Wastewater Treatment Plant	SAWPA	Direct	D1129-3	715 East 4th Street, Beaumont, CA 92223	221320	SIU	403.5(d)	-	4	12	8			
Dart Container Corporation	Western Water	Direct	D1019-6	150 S. Maple Street Corona, CA 92880	326140	SIU	403.5(d)	-	4	7	24			
Dart Container Corporation	WMWD	Direct	D1019-5	150 S. Maple Street Corona, CA 92880	326140	SIU	403.5(d)	-	4	8	24			
Del Real, LLC	JCSD	Direct	D1021-5	11041 Inland Avenue, Jurupa Valley, CA 91752	311991	SIU	403.5(d)	-	4	44	28			
Eastside Water Treatment Plant	IEUA	Direct	D1024-1	7537 Schaefer Avenue, Ontario, CA 91761	221310	SIU	403.5(d)	-	4	32	64			
EMWD Perris & Menifee Desalination Facility	SAWPA	Direct	D1061-6	29541 Murrieta Road, Menifee, CA 92586	221310	SIU	403.5(d)	-	4	24	8	-	-	-
EMWD Perris & Menifee Desalination Facility	SAWPA	Direct	D1061-6	29541 Murrieta Road, Menifee, CA 92586	221310	SIU	403.5(d)	-	4	16	8			
Inland Water Services	SBMWD	Indirect	I1066-5	939 W. Reece Street, San Bernardino, CA 92411	238220 454390 561990	SIU	403.5(d)	-	4	26	8			
In-N-Out Burger, Chino Distribution Center	IEUA	Direct	D1134-2	16000 Quality Way, Chino, CA 91708	493120 722513	SIU	403.5(d)	-	4	47	41			
JCSD Etiwanda Metering Station	SAWPA	Direct	D1044-6	4786 Etiwanda Avenue, Jurupa Valley, CA 91752	221320	SIU	403.5(d)	-	4	34	33			
JCSD Hamner Metering Station	SAWPA	Direct	D1045-6	5410 Hamner Avenue, Eastvale, CA 91752	221320	SIU	403.5(d)	-	4	12	17			

APPENDIX H
SANTA ANA WATERSHED PROJECT AUTHORITY (SAWPA) JULY 1, 2024 – JUNE 30, 2025
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 Roger D. Teagarden Ion Exchange Water Treatment Plant	SAWPA	Direct	D1070-7	4150 Etiwanda Avenue, Jurupa Valley, CA 91752	221310	SIU	403.5(d)	-	5	0	0			
JCSD Wells 17 & 18 Ion Exchange Treatment Facility	SAWPA	Direct	D1040-6	3474 De Forest Circle, Jurupa Valley, CA 91752	221310	SIU	403.5(d)	-	4	2	2			
JCSD Wineville Metering Station	SAWPA	Direct	D1048-6	5101 Wineville Avenue, Jurupa Valley, CA 91752	221320	SIU	403.5(d)	-	4	22	34			
Metal Container Corporation	JCSD	Direct	D1056-5	10980 Inland Avenue, Jurupa Valley, CA 91752	322431	CIU	465.45(d)	-	4	46	18	pH; Oil & Grease (mineral); Sulfide (dissolved)		
Mission Linen Supply	IEUA	Direct	D1057-6	5400 Alton Street, Chino, CA 91710	812332	SIU	403.5(d)	-	4	47	43			
Mountainview Generating Station	VALLEY	Direct	D1058-4	2492 W. San Bernardino Ave., Redlands, CA 92374	221112	CIU	423.17	Y	4	38	23			
Niagara Bottling, LLC (IEUA)	IEUA	Indirect	I1114-4	1401 N. Alder Avenue, Rialto, CA 92376	312112	SIU	403.5(d)	-	4	15	0			
Niagara Bottling, LLC (SBMWD)	SBMWD	Indirect	I1111-4	1401 N. Alder Avenue, Rialto, CA 92376	312112 326160 326199	SIU	403.5(d)	-	4	27	31	Molybdenum		
OLS Energy	IEUA	Direct	D1059-5	5601 Eucalyptus Avenue, Chino, CA 91710	221112	CIU	423.17	Y	4	33	44			
Pyrite Canyon Treatment Facility	SAWPA	Direct	D1079-6	3400 Pyrite Street, Jurupa Valley, CA 92509	562910 562211	SIU	403.5(d)	-	4	34	303			
Repet, Inc.	IEUA	Direct	D1069-6.1	14207 Monte Vista Avenue, Chino, CA 91710	423930	SIU	403.5(d)	-	4	43	63			
Rialto Bioenergy Solutions, LLC	VALLEY	Direct	D1130-3.2	503 E. Santa Ana Avenue, Bloomington, CA 92316	562219 221118 221320	SIU	403.5(d)	-	4	26	129			
Skorpios Technologies, Inc.	EMWD	Indirect	I1136-2	41915 Business Park Drive, Temecula, CA 92590	334413	CIU	469.18	Y	5	10	10			

APPENDIX H
SANTA ANA WATERSHED PROJECT AUTHORITY (SAWPA) JULY 1, 2024 – JUNE 30, 2025
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
Temescal Desalter	Western Water	Direct	D1012-6	745 Public Safety Way, Corona, CA 92880	221310	SIU	403.5(d)	-	4	12	8			
Wellington Foods, Inc.	Western Water	Direct	D1086-6	1930 California Avenue, Corona, CA 92881	311999 325412	CIU	439(d)	-	6	18	28	pH		
WMWD Arlington Desalter	SAWPA	Direct	D1088-6	11611 Sterling Avenue, Riverside, CA 92503	221310	SIU	403.5(d)	-	4	12	4			
YVWD Henry Wochholz Regional Water Recycling Facility	SAWPA	Direct	D1090-6	880 W. County Line, Road, Calimesa, CA 92320	221310 221320	SIU	403.5(d)	-	4	8	9			

APPENDIX H
SAWPA PRETREATMENT PROGRAM FY 2024-2025
PERMITTEES WITH PRETREATMENT EQUIPMENT

Agency	Permit No.	Permittees	Category	Flow Base (MGD)	Aluminum Chip Reactor	Cyanide Destruction	Ion Exchange	Final Polishing Filter	Electroless Nickel Dechelating	Hex. Chrome Reduction	Cross-flow Filtration (Memtek)	Equalization	None	pH Adjustment	Below Ground Clarifier	Electrowinning/Plate-out	Ozone Treatment Reactor	Oil/Water Separator	Carbon Adsorption	Centrifugation	Final pH Adjust	Batch Treatment	Clarifier/lamella Setting	Coagulation/Flocculation	Hydroxide Precipitation	Filter Press	Sludge Thickening Tank	Sorption Filter (Lancy)	Air Floatation	Other
Western Water	D1074-6	Anita B. Smith Treatment Facility	SIU 40 CFR 403.5(d)	0.030									X																	
Western Water	D1004-3	Aramark Uniform & Career Apparel, LLC	SIU 40 CFR 403.5(d)	0.330								X		X				X			X			X		X	X		X	
IEUA	I1005-4	C.C. Graber Company	IU 40 CFR 403.5(d)	N/A																	X									Sand Filters, Catridge Filters
IEUA	D1006-6	California Institution for Men	SIU 40 CFR 403.5(d)	0.194										X																
IEUA	D1007-5	California Institution for Women	IU 40 CFR 403.5(d)	0.400											X															Grease Interceptors and Sewage Grinder
SAWPA	D1081-6	Chino I Desalter	SIU 40 CFR 403.5(d)	2.050										X																
SAWPA	D1010-6	Chino II Desalter	SIU 40 CFR 403.5(d)	1.620										X																
SAWPA	D1129-3	City of Beaumont Wastewater Treatment Plant	SIU 40 CFR 403.5(d)	0.580										X																
Valley	D1002-6	City of Colton - Agua Mansa Power Plant	IU 40 CFR 403.5(d)	0.062														X												Ultra-Filtration

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PERMITTEES WITH PRETREATMENT EQUIPMENT

Agency	Permit No.	Permittees	Category	Flow Base (MGD)	Aluminum Chip Reactor	Cyanide Destruction	Ion Exchange	Final Polishing Filter	Electroless Nickel Dechelating	Hex. Chrome Reduction	Cross-flow Filtration (Memtek)	Equalization	None	pH Adjustment	Below Ground Clarifier	Electrowinning/Plate-out	Ozone Treatment Reactor	Oil/Water Separator	Carbon Adsorption	Centrifugation	Final pH Adjust	Batch Treatment	Clarifier/lamella Setting	Coagulation/Flocculation	Hydroxide Precipitation	Filter Press	Sludge Thickening Tank	Sorption Filter (Lancy)	Air Floatation	Other
Western Water	D1019-6	Dart Container Corporation	SIU 40 CFR 403.5(d)	0.060								X		X							X	X								
Western Water	I1020-4	Decra Roofing Systems	IU 40 CFR 403.5(d)	N/A								X		X								X		X		X				
JCSD	D1021-5	Del Real, LLC	SIU 40 CFR 403.5(d)	0.190			X					X		X	X						X			X						DAF & Automated Chemical Feed
IEUA	D1024-1	Eastside Water Treatment Facility	SIU 40 CFR 403.5(d)	0.065									X																	
SBMWD	I1003-5	Emerald Colton	IU 40 CFR 403.5(d)	N/A									X																	
SAWPA	D1061-6	EMWD Perris & Menifee Desalination Facility	SIU 40 CFR 403.5(d)	4.048										X																Filtration, Green Sand for Iron & Manganese
Western Water	D1029-4	Frutarom USA, Inc.	IU 40 CFR 403.5(d)	0.005								X		X				X			X	X								
IEUA	D1032-4	Green River Golf Club	IU 40 CFR 403.5(d)	0.020											X															Grease Interceptor
EMWD	I1133-2	Indian Oaks Campground, LLC	IU 40 CFR 403.5(d)	N/A									X																	

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SAWPA PRETREATMENT PROGRAM FY 2024-2025
PERMITTEES WITH PRETREATMENT EQUIPMENT

Agency	Permit No.	Permittees	Category	Flow Base (MGD)	Aluminum Chip Reactor	Cyanide Destruction	Ion Exchange	Final Polishing Filter	Electroless Nickel Dechelating	Hex. Chrome Reduction	Cross-flow Filtration (Memtek)	Equalization	None	pH Adjustment	Below Ground Clarifier	Electrowinning/Plate-out	Ozone Treatment Reactor	Oil/Water Separator	Carbon Adsorption	Centrifugation	Final pH Adjust	Batch Treatment	Clarifier/lamella Setting	Coagulation/Flocculation	Hydroxide Precipitation	Filter Press	Sludge Thickening Tank	Sorption Filter (Lancy)	Air Floatation	Other
SBMWD	I1066-5	Inland Water Services	SIU 40 CFR 403.5(d)	N/A			X																							EC Meter and Diversion Valve
IEUA	D1134-2	In-N-Out Burger, Chino Distribution Center	SIU 40 CFR 403.5(d)	0.130								X												X					X	Rotary Screen
SAWPA	D1044-6	JCSD Etiwanda Metering Station	SIU 40 CFR 403.5(d)	0.900									X																	
SAWPA	D1045-6	JCSD Hamner Metering Station	SIU 40 CFR 403.5(d)	0.055									X																	
SAWPA	D1070-7	JCSD Roger D. Teagarden Ion Exchange Water Treatment Plant	SIU 40 CFR 403.5(d)	0.250								X																		
SAWPA	D1040-6	JCSD Wells 17 & 18 Ion Exchange Treatment Facility	SIU 40 CFR 403.5(d)	0.050									X																	
SAWPA	D1048-6	JCSD Wineville Metering Station	SIU 40 CFR 403.5(d)	0.200									X																	
Western Water	I1050-5	La Sierra University	IU 40 CFR 403.5(d)	N/A									X																	

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SAWPA PRETREATMENT PROGRAM FY 2024-2025
PERMITTEES WITH PRETREATMENT EQUIPMENT

Agency	Permit No.	Permittees	Category	Flow Base (MGD)	Aluminum Chip Reactor	Cyanide Destruction	Ion Exchange	Final Polishing Filter	Electroless Nickel Dechelating	Hex. Chrome Reduction	Cross-flow Filtration (Memtek)	Equalization	None	pH Adjustment	Below Ground Clarifier	Electrowinning/Plate-out	Ozone Treatment Reactor	Oil/Water Separator	Carbon Adsorption	Centrifugation	Final pH Adjust	Batch Treatment	Clarifier/lamella Setting	Coagulation/Flocculation	Hydroxide Precipitation	Filter Press	Sludge Thickening Tank	Sorption Filter (Lancy)	Air Floatation	Other
SBMWD	I1051-4	Loma Linda University Power Plant	IU 40 CFR 403.5(d)	N/A									X																	TDS Meter and Diversion Valve
SBMWD	I1052-5	Loma Linda Veterans Medical Center	IU 40 CFR 403.5(d)	N/A									X																	
JCSD	D1053-4	Magnolia Foods, LLC	IU 40 CFR 403.5(d)	0.010											X						X									Grease Interceptor
JCSD	D1056-5	Metal Container Corporation	CIU 40 CFR 465.45(d)	0.165								X		X				X					X	X		X	X			Oil Skimming
IEUA	D1057-6	Mission Linen Supply	SIU 40 CFR 403.5(d)	0.713								X		X										X		X				Shaker Screens
Valley	D1058-5	Mountainview Generating Station	CIU 40 CFR 423.17	0.432			X							X				X			X			X						Filtration
IEUA	I1114-4	Niagra Bottling, LLC (IEUA)	SIU 40 CFR 403.5(d)	N/A										X																
SBMWD	I1111-4	Niagra Bottling, LLC (SBMWD)	SIU 40 CFR 403.5(d)	N/A										X																
IEUA	D1059-5	OLS Energy	CIU 40 CFR 423.17	0.130										X				X												

APPENDIX H
SAWPA PRETREATMENT PROGRAM FY 2024-2025
PERMITTEES WITH PRETREATMENT EQUIPMENT

Agency	Permit No.	Permittees	Category	Flow Base (MGD)	Aluminum Chip Reactor	Cyanide Destruction	Ion Exchange	Final Polishing Filter	Electroless Nickel Dechelating	Hex. Chrome Reduction	Cross-flow Filtration (Memtek)	Equalization	None	pH Adjustment	Below Ground Clarifier	Electrowinning/Plate-out	Ozone Treatment Reactor	Oil/Water Separator	Carbon Adsorption	Centrifugation	Final pH Adjust	Batch Treatment	Clarifier/lamella Setting	Coagulation/Flocculation	Hydroxide Precipitation	Filter Press	Sludge Thickening Tank	Sorption Filter (Lancy)	Air Floatation	Other
Western Water	I1062-5	Prudential Overall Supply	IU 40 CFR 403.5(d)	N/A									X																	
SAWPA	D1079-6	Pyrite Canyon Treatment Facility	SIU 40 CFR 403.5(d)	0.259								X		X					X							X				Air Strippers, Pesticide Co- Precipitation, Inline Cloth Filters, Granualated Activate Carbon Absorbtion
Western Water	I1064-5	Qualified Mobile, Inc.	IU 40 CFR 403.5(d)	N/A										X							X	X								
IEUA	D1069-6.1	Repet, Inc.	SIU 40 CFR 403.5(d)	0.065								X		X							X		X	X			X			GEM., Drum & Shaker Screens, Screw Press
Valley	D1130-3.2	Rialto Bioenergy Solutions, LLC	SIU 40 CFR 403.5(d)	0.250								X		X						X	X		X	X		X	X		X	Biological Treatment
IEUA	I1096-4	San Antonio Regional Hospital	IU 40 CFR 403.5(d)	N/A									X																	
SAWPA	D1124-2	SCE Mira Loma Peaker Plant	IU 40 CFR 403.5(d)	N/A														X												
Western Water	I1078-6	Sierra Aluminum Company, Inc.	IU 40 CFR 403.5(d)	N/A									X																	

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SAWPA PRETREATMENT PROGRAM FY 2024-2025
PERMITTEES WITH PRETREATMENT EQUIPMENT

Agency	Permit No.	Permittees	Category	Flow Base (MGD)	Aluminum Chip Reactor	Cyanide Destruction	Ion Exchange	Final Polishing Filter	Electroless Nickel Dechelating	Hex. Chrome Reduction	Cross-flow Filtration (Memtek)	Equalization	None	pH Adjustment	Below Ground Clarifier	Electrowinning/Plate-out	Ozone Treatment Reactor	Oil/Water Separator	Carbon Adsorption	Centrifugation	Final pH Adjust	Batch Treatment	Clarifier/lamella Setting	Coagulation/Flocculation	Hydroxide Precipitation	Filter Press	Sludge Thickening Tank	Sorption Filter (Lancy)	Air Floatation	Other
EMWD	I1136-2	Skorpios Technologies, Inc.	CIU 40 CFR 469.18	N/A										X							X				X					
Western Water	I1128-2.1	Solina USA Inc.	IU 40 CFR 403.5(d)	N/A										X							X	X								
Western Water	D1012-6	Temescal Desalter	SIU 40 CFR 403.5(d)	2.150										X							X									
Western Water	D1086-6	Wellington Foods, Inc.	CIU 40 CFR 439(d)	0.030								X		X							X	X								
SAWPA	D1088-6	WMWD Arlington Desalter	SIU 40 CFR 403.5(d)	1.400									X																	
SAWPA	D1090-6	YVWD – Henry Wochholz Regional Water Recycling Facility	SIU 40 CFR 403.5(d)	0.595									X																	

Appendix H
Monitoring and Compliance Status Report
July 1, 2024 - June 30, 2025

Facility	QTR	Inspections Completed	CONTROL AUTHORITY SAMPLES COLLECTED		SELF MONITORING SAMPLES COLLECTED		OC SAN SAMPLES COLLECTED	COMPLIANCE STATUS	Violation	Comments / Enforcement Actions
			Composite	Grab	Composite	Grab	Composite	Quarterly		
Anita B. Smith Treatment Facility	1	1	0	2	0	4	0	IAC	1	NOV/OCA: Failure to submit self monitoring
2100 Fleetwood Drive	2	1	0	2	0	0	0	CAC		
Jurupa Valley, CA 92509	3	1	0	2	0	2	0	CAC		
Permit No. D1074-6	4	1	0	2	0	0	0	CAC		
Aramark Uniform & Career Apparel, LLC	1	1	1	2	3	4	0	CAC		
1135 Hall Avenue	2	1	1	2	3	4	0	CAC		
Riverside, CA 92509	3	1	1	2	3	4	0	CAC		
Permit No. D1004-3	4	1	3	4	3	4	0	CAC		
C.C. Graber Company	1	1	0	0	0	0	0	CAC		
315 E. 4th Street	2	0	0	0	0	0	0	IAC	1	NOV/OCA: Past due fees
Ontario, CA 91764	3	0	0	0	0	0	0	CAC		Permit Voided 12/31/24
Permit No. I1005-4	4	0	0	0	0	0	0	CAC		
California Institution for Men	1	1	1	3	3	3	0	CAC		
5997 Edison Avenue	2	1	1	3	3	5	0	CAC		
Chino, CA 91710	3	1	1	3	4	4	0	IAC	1	NOV/OCA: Failure to submit self monitoring
Permit No. D1006-6	4	1	1	3	4	6	0	CAC		
California Institution for Women	1	1	3	8	3	6	0	CAC		
16756 Chino Corona Road	2	1	3	6	3	8	0	CAC		
Corona, CA 92880	3	1	3	7	3	6	0	CAC		
Permit No. D1007-5	4	1	3	6	3	8	0	CAC		
Chino I Desalter	1	1	1	1	1	1	0	CAC		
6905 Kimball Avenue	2	1	1	1	0	0	0	CAC		
Chino, CA 91709	3	1	1	1	1	1	0	CAC		
Permit No. D1081-6	4	1	3	3	0	0	0	CAC		
Chino II Desalter	1	1	2	2	2	2	0	CAC		
11251 Harrel Street	2	1	2	2	0	0	0	CAC		
Jurupa Valley, CA 91752	3	1	2	2	2	2	0	CAC		
Permit No. D1010-6	4	1	4	4	0	0	0	CAC		
City of Beaumont Wastewater Treatment Plant	1	1	1	1	1	1	0	CAC		
715 East 4th Street	2	1	1	1	1	1	0	CAC		
Beaumont, CA 92223	3	1	1	1	1	1	0	CAC		
Permit No. D1129-3	4	1	3	3	1	1	0	CAC		
City of Colton - Agua Mansa Power Plant	1	1	0	0	1	4	0	CAC		
2040 W. Agua Mansa Road	2	1	1	5	0	0	0	CAC		
Colton, CA 92324	3	2	0	0	0	0	0	CAC		
Permit No. D1002-6	4	1	3	6	1	5	0	IAC	1	NOV/OCA: Failure to submit self monitoring

COMPLIANCE STATUS

ID - Insufficient Data

CAC - Consistently Achieving Compliance

IAC - Inconsistently Achieving Compliance

SNC - Significant Non Compliance

NOV/OCA - Notice of Violation and Order for Corrective Action

WW - Written Warning

Appendix H
Monitoring and Compliance Status Report
July 1, 2024 - June 30, 2025

Facility	QTR	Inspections Completed	CONTROL AUTHORITY SAMPLES COLLECTED		SELF MONITORING SAMPLES COLLECTED		OC SAN SAMPLES COLLECTED	COMPLIANCE STATUS	Violation	Comments / Enforcement Actions
			Composite	Grab	Composite	Grab	Composite	Quarterly		
Dart Container Corporation	1	1	1	1	3	3	0	CAC		
150 S. Maple Street	2	1	1	1	3	3	0	CAC		
Corona, CA 92880	3	1	1	1	3	3	0	CAC		
Permit No. D1019-6	4	1	1	0	3	3	0	CAC		
Decra Roofing Systems	1	0	0	0	0	3	0	CAC		
1230 Railroad Street	2	1	0	3	0	3	0	CAC		
Corona, CA 92882	3	0	0	0	0	3	0	CAC		
Permit No. I1020-4	4	1	0	2	0	3	0	CAC		
Del Real, LLC	1	1	4	6	4	3	0	CAC		
11041 Inland Avenue	2	1	4	6	4	3	0	CAC		
Jurupa Valley, CA 91752	3	1	4	6	4	3	0	CAC		
Permit No. D1021-5	4	1	5	9	4	3	0	CAC		
Eastside Water Treatment Plant	1	1	2	6	6	10	0	CAC		
7537 Schaefer Avenue	2	1	2	6	6	10	0	CAC		
Ontario, CA 91761	3	1	2	6	6	10	0	CAC		
Permit No. D1024-1	4	1	2	6	6	10	0	CAC		
Emerald Colton	1	0	0	0	0	0	0	CAC		
925 South 8th Street	2	0	0	0	0	0	0	CAC		
Colton, CA 92324	3	1	0	6	0	3	0	CAC		
Permit No. I1003-5	4	0	0	2	0	0	0	CAC		
EMWD Perris & Menifee Desalination Facility	1	1	2	2	2	2	0	CAC		
29541 Murrieta Road	2	1	2	2	0	0	0	CAC		
Menifee, CA 92586	3	1	2	2	2	2	0	CAC		
Permit No. D1061-6	4	1	6	6	0	0	0	CAC		
Frutarom USA, Inc.	1	0	0	2	0	6	0	CAC		
790 E. Harrison Street	2	1	0	3	0	6	0	CAC		
Corona, CA 92879	3	1	0	2	0	6	0	CAC		
Permit No. D1029-4	4	0	0	7	0	7	0	CAC		
Green River Golf Club	1	0	0	0	3	3	0	CAC		
5215 Green River Road	2	1	1	1	3	3	0	CAC		
Corona, CA 92880	3	0	0	0	3	3	0	CAC		
Permit No. D1032-4	4	1	1	2	3	5	0	CAC		
Indian Oaks Campground, LLC	1	0	0	2	0	0	0	CAC		
38120 E. Benton Road	2	0	0	0	0	2	0	CAC		
Temecula, CA 92593	3	0	0	0	0	0	0	CAC		
Permit No. I1133-2	4	0	0	2	0	0	0	CAC		

COMPLIANCE STATUS

ID - Insufficient Data

CAC - Consistently Achieving Compliance

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WW - Written Warning



Appendix H
Monitoring and Compliance Status Report
July 1, 2024 - June 30, 2025



Facility	QTR	Inspections Completed	CONTROL AUTHORITY SAMPLES COLLECTED		SELF MONITORING SAMPLES COLLECTED		OC SAN SAMPLES COLLECTED	COMPLIANCE STATUS	Violation	Comments / Enforcement Actions
			Composite	Grab	Composite	Grab	Composite	Quarterly		
Inland Water Services	1	1	0	6	0	3	0	CAC		
939 West Reece Street	2	1	0	6	0	1	0	CAC		
San Bernardino, CA 92411	3	1	0	6	0	3	0	CAC		
Permit No. I1066-5	4	1	0	8	0	1	0	CAC		
In-N-Out Burger, Chino Distribution Center	1	1	3	8	3	7	0	CAC		
16000 Quality Way	2	1	3	8	3	7	0	CAC		
Chino, CA 91708	3	1	3	8	3	8	0	CAC		
Permit No. D1134-2	4	1	4	10	3	7	0	CAC		
JCSD Etiwanda Metering Station	1	1	3	5	3	5	0	CAC		
4786 Etiwanda Avenue	2	1	3	5	3	5	0	CAC		
Jurupa Valley, CA 91752	3	1	3	5	3	5	0	CAC		
Permit No. D1044-6	4	1	3	7	3	6	0	CAC		
JCSD Hamner Metering Station	1	1	1	3	1	3	0	CAC		
5410 Hamner Avenue	2	1	1	3	1	4	0	CAC		
Eastvale, CA 91752	3	1	1	3	1	3	0	CAC		
Permit No. D1045-6	4	1	0	0	1	3	0	CAC		
JCSD Roger D. Teagarden Ion Exchange WTP	1	1	0	0	0	0	0	CAC		
4150 Etiwanda Avenue	2	2	0	0	0	0	0	CAC		
Jurupa Valley, CA 91752	3	1	0	0	0	0	0	CAC		
Permit No. D1070-7	4	1	0	0	0	0	0	CAC		
JCSD Wells 17 & 18 Ion Exchange TF	1	1	1	1	1	1	0	CAC		
3474 De Forest Circle	2	1	0	0	0	0	0	CAC		
Jurupa Valley, CA 91752	3	1	0	0	0	0	0	CAC		
Permit No. D1040-6	4	1	0	0	0	0	0	CAC		
JCSD Wineville Metering Station	1	1	1	3	3	5	0	CAC		
5101 Wineville Avenue	2	1	1	3	3	6	0	CAC		
Jurupa Valley, CA 91752	3	1	1	3	3	5	0	CAC		
Permit No. D1048-6	4	1	3	7	3	6	0	CAC		
La Sierra University	1	0	0	0	0	0	0	CAC		
4500 Riverwalk Pkwy.	2	0	0	0	0	0	0	CAC		
Riverside, CA 92505	3	0	0	0	0	0	0	CAC		
Permit No. I1050-5	4	1	0	2	0	2	0	CAC		
Loma Linda University Power Plant	1	0	0	0	0	0	0	CAC		
11100 Anderson Street	2	0	0	0	0	0	0	CAC		
Loma Linda, CA 92350	3	1	0	6	0	5	0	CAC		
Permit No. I1051-4	4	0	0	4	0	0	0	CAC		

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Appendix H
Monitoring and Compliance Status Report
July 1, 2024 - June 30, 2025



Facility	QTR	Inspections Completed	CONTROL AUTHORITY SAMPLES COLLECTED		SELF MONITORING SAMPLES COLLECTED		OC SAN SAMPLES COLLECTED	COMPLIANCE STATUS	Violation	Comments / Enforcement Actions
			Composite	Grab	Composite	Grab	Composite	Quarterly		
Loma Linda Veterans Medical Center	1	0	0	0	0	0	0	CAC		
11201 Benton Street	2	0	0	0	0	0	0	CAC		
Loma Linda, CA 92357	3	1	0	6	0	3	0	CAC		
Permit No. I1052-5	4	0	0	2	0	0	0	CAC		
Magnolia Foods	1	1	4	6	1	4	0	CAC		
11058 Philadelphia Avenue	2	0	3	3	0	0	0	CAC		
Mira Loma, CA 91752	3	1	4	6	1	3	0	IAC	1	NOV/OCA: sulfide (dissolved) violation; issued in FY25-26
Permit No. D1053-4	4	0	3	3	0	0	0	CAC		
Metal Container Corporation	1	1	4	10	1	7	0	CAC		
10980 Inland Avenue	2	1	4	4	1	1	0	IAC	1	NOV/OCA: Oil & Grease, pH violations
Jurupa Valley, CA 91752	3	1	4	10	1	5	0	IAC	1	NOV/OCA: sulfide (dissolved) violation
Permit No. D1056-5	4	1	5	5	1	1	0	CAC		
Mission Linen Supply	1	1	3	8	4	8	0	CAC		
5400 Alton Street	2	1	3	8	3	8	0	IAC	1	NOV/OCA: Failure to submit self monitoring
Chino, CA 91710	3	1	3	8	3	8	0	CAC		
Permit No. D1057-6	4	1	4	10	3	6	0	CAC		
Mountainview Generating Station	1	1	2	3	2	3	0	CAC		
2492 W. San Bernardino Avenue	2	1	2	6	2	4	0	CAC		
Redlands, CA 92374	3	1	3	7	2	4	0	CAC		
Permit No. D1058-5	4	1	6	9	2	4	0	CAC		
Niagara Bottling, LLC (IEUA)	1	1	0	3	0	0	0	CAC		
1401 N. Alder Avenue	2	1	0	3	0	0	0	CAC		
Rialto, CA 92376	3	1	0	3	0	0	0	CAC		
Permit No. I1114-4	4	1	0	6	0	0	0	CAC		
Niagara Bottling, LLC (SBMWD)	1	1	0	6	0	6	0	CAC	1	WW: Molybdenum Violation
1401 N. Alder Avenue	2	1	0	6	0	11	0	IAC	1	NOV/OCA: Failure to perform self monitoring
Rialto, CA 92376	3	1	0	8	0	7	0	CAC		
Permit No. I1111-4	4	1	0	7	0	7	0	CAC		
OLS Energy	1	1	2	6	5	5	0	CAC		
5601 Eucalyptus Avenue	2	1	2	7	5	9	0	CAC		
Chino, CA 91710	3	1	2	6	4	8	0	CAC		
Permit No. D1059-5	4	1	2	6	4	4	0	CAC		
Prudential Overall Supply	1	0	0	0	0	2	0	CAC		NOV/OCA: Reporting violation FY 2023-2024
6997 Jurupa Ave	2	0	0	0	0	0	0	CAC		
Riverside, CA 92504	3	0	0	0	0	6	0	CAC		
Permit No. I1062-5	4	1	0	4	0	0	0	CAC		

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Appendix H
Monitoring and Compliance Status Report
July 1, 2024 - June 30, 2025

Facility	QTR	Inspections Completed	CONTROL AUTHORITY SAMPLES COLLECTED		SELF MONITORING SAMPLES COLLECTED		OC SAN SAMPLES COLLECTED	COMPLIANCE STATUS	Violation	Comments / Enforcement Actions
			Composite	Grab	Composite	Grab	Composite	Quarterly		
Pyrite Canyon Treatment Facility	1	1	2	6	18	46	0	CAC		
3400 Pyrite Street	2	1	2	6	19	48	0	CAC		
Jurupa Valley, CA 92509	3	1	2	6	17	42	0	CAC		
Permit No. D1079-6	4	1	2	8	38	75	0	CAC		
Qualified Mobile, Inc.	1	0	0	0	0	0	0	CAC		
1648 Industrial Ave., Suite A	2	0	0	0	0	0	0	CAC		
Norco, CA 92860	3	0	0	0	0	0	0	CAC		
Permit No. I1064-5	4	1	0	2	0	2	0	CAC		
Repet, Inc.	1	1	3	8	3	6	0	CAC		
14207 Monte Vista Avenue	2	1	3	6	3	8	0	CAC		
Chino, CA 91710	3	1	3	6	9	6	0	CAC		
Permit No. D1069-6.1	4	1	4	10	12	16	0	CAC		
Rialto Bioenergy Solutions, LLC	1	1	1	5	14	16	0	CAC		
503 E. Santa Ana Avenue	2	1	1	5	16	20	0	CAC		
Bloomington, CA 92316	3	1	1	5	13	17	0	CAC		
Permit No. D1130-3.2	4	1	2	6	16	17	0	CAC		
San Antonio Regional Hospital	1	0	0	3	0	6	0	CAC		
999 San Bernardino Road	2	1	0	0	0	6	0	CAC		
Upland, CA 91786	3	0	0	3	0	6	0	CAC		
Permit No. I1096-4	4	1	0	3	0	6	0	CAC		
SCE Mira Loma Peaker Plant	1	1	0	0	0	0	0	CAC		
13568 S. Milliken Avenue	2	0	0	5	0	5	0	CAC		
Ontario, CA 91762	3	0	0	0	0	0	0	CAC		
Permit No. D1124-2	4	0	0	0	0	0	0	CAC		Permit Expired 5/18/25
Sierra Aluminum Company	1	0	0	0	0	0	0	CAC		
2345 Fleetwood Dr.	2	0	0	0	0	0	0	CAC		
Riverside, CA 92509	3	0	0	0	0	0	0	CAC		
Permit No. I1078-6	4	1	0	5	0	2	0	CAC		
Skorprios Technologies, Inc.	1	1	1	1	2	1	0	CAC		
41915 Business Park Drive	2	2	1	3	1	1	0	CAC		
Temecula, CA 92590	3	1	1	1	1	1	0	CAC		
Permit No. I1136-2	4	1	1	1	1	2	0	CAC		
Solina USA Inc.	1	0	0	0	0	0	0	CAC		
6285 Providence Way	2	1	0	3	0	3	0	CAC		
Eastvale, CA 92880	3	1	0	3	0	0	0	CAC		
Permit No. I1128-2.1	4	0	0	5	0	3	0	CAC		

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Appendix H
Monitoring and Compliance Status Report
July 1, 2024 - June 30, 2025



Facility	QTR	Inspections Completed	CONTROL AUTHORITY SAMPLES COLLECTED		SELF MONITORING SAMPLES COLLECTED		OC SAN SAMPLES COLLECTED	COMPLIANCE STATUS	Violation	Comments / Enforcement Actions
			Composite	Grab	Composite	Grab	Composite	Quarterly		
Temescal Desalter	1	1	1	1	2	2	0	CAC		
745 Public Safety Way	2	1	1	1	0	0	0	CAC		
Corona, CA 92880	3	1	1	1	2	2	0	CAC		
Permit No. D1012-6	4	1	3	3	0	0	0	CAC		
Wellington Foods, Inc.	1	1	1	2	3	4	0	CAC		
1930 California Avenue	2	3	1	2	3	4	0	IAC	3	NOV/OCA; Violation Meeting: pH violations
Corona, CA 92881	3	1	1	2	3	4	0	CAC		
Permit No. D1086-6	4	1	4	5	3	4	0	CAC		
WMWD Arlington Desalter	1	1	1	1	1	1	0	CAC		
11611 Sterling Avenue	2	1	1	1	0	0	0	CAC		
Riverside, CA 92503	3	1	1	1	1	1	0	CAC		
Permit No. D1088-6	4	1	3	3	0	0	0	CAC		
YVWD Henry Wochholz RWRf	1	1	1	1	1	1	0	CAC		
880 W. County Line Road	2	1	1	1	1	2	0	CAC		
Calimesa, CA 92320	3	1	1	1	1	1	0	CAC		
Permit No. D1090-6	4	1	1	1	1	1	0	CAC		

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Appendix I. QA/QC Analysis Results

APPENDIX I
QA/QC ANALYSIS RESULTS FOR JULY 2024
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation									
Equipment		Sample #	Cd	Cr	Cu	Pb	Ni	Zn	
			0.02	0.02	0.02	0.02	0.10	0.10	Reporting Limit (mg/L)
Sampler A	2576646	0.02	0.02	0.02	0.02	0.10	0.10		
	2576647	0.02	0.02	0.02	0.02	0.10	0.10		
	2576648	0.02	0.02	0.02	0.02	0.10	0.10		
Sampler B	2576649	0.02	0.02	0.02	0.02	0.10	0.10		
	2576650	0.02	0.02	0.02	0.02	0.10	0.10		
	2576651	0.02	0.02	0.02	0.02	0.10	0.10		
			0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation
								0.00	Table Average Deviation
Archive Sample Evaluation									
Permit #	Archive #	Original #	Cd	Cr	Cu	Pb	Ni	Zn	
1-521832	2642727		0.02	0.02	0.06	0.02	0.10	0.26	
		2633603	0.02	0.02	0.06	0.02	0.10	0.31	
									Relative % Difference
1-602149	2642710		0.02	0.02	0.04	0.02	0.10	0.14	
		2623932	0.02	0.02	0.04	0.02	0.10	0.16	
									Relative % Difference
1-031043	2642701		0.02	0.02	0.02	0.02	0.10	0.47	
		2594776	0.02	0.02	0.02	0.02	0.10	0.50	
									Relative % Difference
1-541178	2642716		0.02	0.02	0.11	0.02	0.10	0.13	
		2627215	0.02	0.02	0.11	0.02	0.10	0.14	
					1.89				Relative % Difference
			0%	0%	2%	0%	0%	0%	Analyte Avg. RPD
								2%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR AUGUST 2024
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation								
Equipment	Sample #	Cd	Cr	Cu	Pb	Ni	Zn	
		0.02	0.02	0.02	0.02	0.10	0.10	Reporting Limit (mg/L)
Sampler A	2610745	0.02	0.02	0.02	0.02	0.10	0.10	
	2610746	0.02	0.02	0.02	0.02	0.10	0.10	
	2610747	0.02	0.02	0.02	0.02	0.10	0.10	
Sampler B	2610748	0.02	0.02	0.02	0.02	0.10	0.10	
	2610749	0.02	0.02	0.02	0.02	0.10	0.10	
	2610750	0.02	0.02	0.02	0.02	0.10	0.10	
		0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation
							0.00	Table Average Deviation
Archive Sample Evaluation								
Permit #	Archive #	Original #	Cd	Cr	Cu	Pb	Ni	Zn
1-601134	2642705		0.02	0.02	0.42	0.02	0.10	0.78
		2607561	0.02	0.02	0.34	0.02	0.10	0.79
					20.16			0.77
								Relative % Difference
1-031029	2628902		0.02	0.02	0.07	0.02	0.10	0.22
		2628902	0.02	0.02	0.08	0.02	0.10	0.27
								Relative % Difference
1-141023	2640557		0.02	0.02	0.06	0.02	0.10	0.33
		2622377	0.02	0.02	0.06	0.02	0.10	0.33
								Relative % Difference
1-601842	2642721		0.02	0.02	0.03	0.02	0.10	0.55
		2628666	0.02	0.02	0.03	0.02	0.10	0.62
								Relative % Difference
			0%	0%	20%	0%	0%	6%
							13%	Analyte Avg. RPD
								Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR SEPTEMBER 2024
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation									
Equipment	Sample #	Cd	Cr	Cu	Pb	Ni	Zn		
		0.02	0.02	0.02	0.02	0.10	0.10		Reporting Limit (mg/L)
Sampler A	2587626	0.02	0.02	0.02	0.02	0.10	0.10		
	2587627	0.02	0.02	0.02	0.02	0.10	0.10		
	2587628	0.02	0.02	0.02	0.02	0.10	0.10		
Sampler B	2587629	0.02	0.02	0.02	0.02	0.10	0.10		
	2587630	0.02	0.02	0.02	0.02	0.10	0.10		
	2587631	0.02	0.02	0.02	0.02	0.10	0.10		
		0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation	
							0.00	Table Average Deviation	
Archive Sample Evaluation									
Permit #	Archive #	Original #	Cd	Cr	Cu	Pb	Ni	Zn	
1-600520	2642712		0.02	0.02	0.05	0.02	0.10	0.23	
		2623928	0.02	0.02	0.04	0.02	0.10	0.23	
									Relative % Difference
1-601443	2642703		0.02	0.02	0.07	0.02	0.10	0.15	
		2599275	0.02	0.02	0.07	0.02	0.10	0.19	
									Relative % Difference
1-571303	2642709		0.02	0.02	0.06	0.02	0.10	0.17	
		2623616	0.02	0.02	0.06	0.02	0.10	0.13	
									Relative % Difference
1-600690	2642725		0.02	0.02	0.09	0.02	0.10	0.33	
		2630655	0.02	0.02	0.11	0.02	0.10	0.35	
									Relative % Difference
			0%	0%	0%	0%	0%	0%	Analyte Avg. RPD
								0%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR OCTOBER 2024
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation									
Equipment		Sample #	Cd	Cr	Cu	Pb	Ni	Zn	
			0.02	0.02	0.02	0.02	0.10	0.10	Reporting Limit (mg/L)
Sampler A	2593660	0.02	0.02	0.02	0.02	0.10	0.10		
	2593661	0.02	0.02	0.02	0.02	0.10	0.10		
	2593662	0.02	0.02	0.02	0.02	0.10	0.10		
Sampler B	2593663	0.02	0.02	0.02	0.02	0.10	0.10		
	2593664	0.02	0.02	0.02	0.02	0.10	0.10		
	2593665	0.02	0.02	0.02	0.02	0.10	0.10		
			0.00	0.00	0.00	0.00	0.00	Avg. Deviation	
								0.00	Table Average Deviation
Archive Sample Evaluation									
Permit #	Archive #	Original #	Cd	Cr	Cu	Pb	Ni	Zn	
1-600709	2642707		0.02	0.02	0.05	0.02	0.10	0.36	
		2616134	0.02	0.02	0.05	0.02	0.10	0.39	
									Relative % Difference
1-021045	2642723		0.02	0.02	0.10	0.02	0.10	0.40	
		2629344	0.02	0.02	0.11	0.02	0.10	0.45	
					8.78				Relative % Difference
1-031057	2655800		0.02	0.02	0.02	0.02	0.10	0.10	
		2619134	0.02	0.02	0.02	0.02	0.10	0.10	
									Relative % Difference
1-601951	2655802		0.02	0.02	0.02	0.02	0.10	0.10	
		2623653	0.02	0.02	0.02	0.02	0.10	0.10	
									Relative % Difference
			0%	0%	9%	0%	0%	0%	Analyte Avg. RPD
								9%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR NOVEMBER 2024
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation								
Equipment	Sample #	Cd	Cr	Cu	Pb	Ni	Zn	
		0.02	0.02	0.02	0.02	0.10	0.10	Reporting Limit (mg/L)
Sampler A	2599476	0.02	0.02	0.02	0.02	0.10	0.10	
	2599477	0.02	0.02	0.02	0.02	0.10	0.10	
	2599478	0.02	0.02	0.02	0.02	0.10	0.10	
Sampler B	2599479	0.02	0.02	0.02	0.02	0.10	0.10	
	2599481	0.02	0.02	0.02	0.02	0.10	0.10	
	2599482	0.02	0.02	0.02	0.02	0.10	0.10	
		0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation
							0.00	Table Average Deviation
Archive Sample Evaluation								
Permit #	Archive #	Original #	Cd	Cr	Cu	Pb	Ni	Zn
1-031010	2655804		0.02	0.02	0.05	0.02	0.10	0.35
		2644827	0.02	0.02	0.06	0.02	0.10	0.37
								Relative % Difference
1-601616	2655805		0.02	0.02	0.08	0.02	0.10	0.10
		2642294	0.02	0.02	0.08	0.02	0.10	0.10
								Relative % Difference
1-601617	2655808		0.02	0.08	0.92	0.02	0.10	1.21
		2642522	0.02	0.08	0.92	0.02	0.10	1.16
					0.76			4.22
1-531428	2655809		0.02	0.02	0.02	0.02	0.10	0.10
		2618939	0.02	0.02	0.02	0.02	0.10	0.10
								Relative % Difference
			0%	0%	1%	0%	0%	4%
							2%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR DECEMBER 2024
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation									
Equipment	Sample #	Cd	Cr	Cu	Pb	Ni	Zn		
		0.02	0.02	0.02	0.02	0.10	0.10	Reporting Limit (mg/L)	
Sampler A	2610732	0.02	0.02	0.02	0.02	0.10	0.10		
	2610733	0.02	0.02	0.02	0.02	0.10	0.10		
	2610734	0.02	0.02	0.02	0.02	0.10	0.10		
Sampler B	2610735	0.02	0.02	0.02	0.02	0.10	0.10		
	2610736	0.02	0.02	0.02	0.02	0.10	0.10		
	2610737	0.02	0.02	0.02	0.02	0.10	0.10		
		0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation	
							0.00	Table Average Deviation	
Archive Sample Evaluation									
Permit #	Archive #	Original #	Cd	Cr	Cu	Pb	Ni	Zn	
1-531429	2655811		0.02	0.02	0.02	0.02	0.10	0.10	
		2620995	0.02	0.02	0.02	0.02	0.10	0.10	
									Relative % Difference
1-531430	2655812		0.02	0.02	0.02	0.02	0.10	0.10	
		2655812	0.02	0.02	0.02	0.02	0.10	0.10	
									Relative % Difference
1-531427	2655815		0.02	0.02	0.02	0.02	0.10	0.11	
		2620990	0.02	0.02	0.02	0.02	0.10	0.10	
									Relative % Difference
1-600296	2655818		0.02	0.02	0.02	0.02	0.10	0.10	
		2639233	0.02	0.02	0.02	0.02	0.10	0.10	
									Relative % Difference
			0%	0%	0%	0%	0%	0%	Analyte Avg. RPD
							0%	Table Average RPD	

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR JANUARY 2025
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation								
Equipment	Sample #	Cd	Cr	Cu	Pb	Ni	Zn	
								Reporting Limit (mg/L)
Sampler A	2620668	0.02	0.02	0.02	0.02	0.10	0.10	
	2620669	0.02	0.02	0.02	0.02	0.10	0.10	
	2620670	0.02	0.02	0.02	0.02	0.10	0.10	
Sampler B	2620671	0.02	0.02	0.02	0.02	0.10	0.10	
	2620672	0.02	0.02	0.02	0.02	0.10	0.10	
	2620673	0.02	0.02	0.02	0.02	0.10	0.10	
		0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation
							0.00	Table Average Deviation
Archive Sample Evaluation								
Permit #	Archive #	Original #	Cd	Cr	Cu	Pb	Ni	Zn
1-071013	2655820		0.02	0.02	0.04	0.02	0.10	0.10
		2644133	0.02	0.02	0.04	0.02	0.10	0.01
								Relative % Difference
1-011051	2655823		0.02	0.02	0.06	0.02	0.10	0.10
		2627744	0.02	0.02	0.02	0.02	0.10	0.10
								Relative % Difference
1-600414	2657226		0.02	0.02	0.11	0.02	0.10	0.20
		2620702	0.02	0.02	0.13	0.02	0.10	0.24
					21.85			Relative % Difference
1-602333	2657228		0.02	0.02	0.05	0.02	0.10	0.12
		2627212	0.02	0.02	0.05	0.02	0.10	0.13
								Relative % Difference
			0%	0%	22%	0%	0%	Analyte Avg. RPD
							22%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR FEBRUARY 2025
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation									
Equipment		Sample #	Cd	Cr	Cu	Ni	Pb	Zn	
			0.02	0.02	0.02	0.02	0.10	0.10	Reporting Limit (mg/L)
Sampler A		2625690	0.02	0.02	0.02	0.02	0.10	0.10	
		2625691	0.02	0.02	0.02	0.02	0.10	0.10	
		2625692	0.02	0.02	0.02	0.02	0.10	0.10	
Sampler B		2625694	0.02	0.02	0.02	0.02	0.10	0.10	
		2625695	0.02	0.02	0.02	0.02	0.10	0.10	
		2625696	0.02	0.02	0.02	0.02	0.10	0.10	
			0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation
								0.00	Table Average Deviation
Archive Sample Evaluation									
Permit #	Archive #	Original #	Cd	Cr	Cu	Ni	Pb	Zn	
1-602045	2657230		0.02	0.02	0.09	0.02	0.10	0.27	
		2640808	0.02	0.02	0.09	0.02	0.10	0.25	
									Relative % Difference
1-021393	2657232		0.02	0.02	0.02	0.02	0.10	0.10	
		2609010	0.02	0.02	0.02	0.02	0.10	0.01	
									Relative % Difference
1-600906	2657234		0.02	0.02	0.15	0.02	0.10	0.24	
		2615725	0.02	0.02	0.16	0.02	0.10	0.29	
					7.12				Relative % Difference
1-031072	2657235		0.02	0.02	0.15	0.02	0.10	0.17	
		2615728	0.02	0.02	0.17	0.02	0.10	0.19	
					9.46				Relative % Difference
			0%	0%	8%	0%	0%	0%	Analyte Avg. RPD
								8%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR MARCH 2025
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation									
Equipment		Sample #	Cd	Cr	Cu	Ni	Pb	Zn	
			0.02	0.02	0.02	0.02	0.010	0.010	Reporting Limit (mg/L)
Sampler A	2631105		0.02	0.02	0.02	0.02	0.10	0.10	
	2631106		0.02	0.02	0.02	0.02	0.10	0.10	
	2631107		0.02	0.02	0.02	0.02	0.10	0.10	
Sampler B	2631108		0.02	0.02	0.02	0.02	0.10	0.10	
	2631109		0.02	0.02	0.02	0.02	0.10	0.10	
	2631110		0.02	0.02	0.02	0.02	0.10	0.10	
			0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation
								0.00	Table Average Deviation
Archive Sample Evaluation									
Permit #	Archive #	Original #	Cd	Cr	Cu	Ni	Pb	Zn	
1-021399	2657237		0.02	0.02	0.03	0.02	0.10	0.10	
		2641142	0.02	0.02	0.03	0.02	0.10	0.10	
									Relative % Difference
1-011075	2657239		0.02	0.03	0.02	0.02	0.10	0.10	
		2649290	0.02	0.03	0.02	0.02	0.10	0.10	
									Relative %Difference
1-601614	2657241		0.02	0.02	0.02	0.02	0.10	0.10	
		2619193	0.02	0.02	0.02	0.02	0.10	0.10	
									Relative % Difference
1-600609	2657243		0.02	0.02	0.02	0.02	0.10	0.30	
		2610110	0.02	0.02	0.02	0.02	0.10	0.31	
									Relative % Difference
			0%	0%	0%	0%	0%	0%	Analyte Avg. RPD
								0%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR APRIL 2025
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation									
Equipment		Sample #	Cd	Cr	Cu	Ni	Pb	Zn	
			0.02	0.02	0.02	0.02	0.10	0.10	Reporting Limit (mg/L)
Sampler A		2636999	0.02	0.02	0.02	0.02	0.10	0.10	
		2637000	0.02	0.02	0.02	0.02	0.10	0.10	
		2637001	0.02	0.02	0.02	0.02	0.10	0.10	
Sampler B		2637002	0.02	0.02	0.02	0.02	0.10	0.10	
		2637003	0.02	0.02	0.02	0.02	0.10	0.10	
		2637004	0.02	0.02	0.02	0.02	0.10	0.10	
			0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation
								0.00	Table Average Deviation
Archive Sample Evaluation									
Permit #	Archive #	Original #	Cd	Cr	Cu	Ni	Pb	Zn	
1-601767	2657245		0.02	0.02	0.02	0.02	0.10	0.11	
		2624165	0.02	0.02	0.02	0.02	0.10	0.11	
									Relative % Difference
1-602367	2657247		0.02	0.02	0.03	0.02	0.10	0.14	
		2609378	0.02	0.02	0.03	0.02	0.10	0.16	
									Relative % Difference
1-031110	2658683		0.03	0.02	0.05	0.02	0.10	0.10	
		2627998	0.03	0.02	0.04	0.02	0.10	0.10	
									Relative % Difference
1-602260	2658679		0.02	0.02	0.02	0.02	0.10	0.10	
		2626179	0.02	0.02	0.02	0.02	0.10	0.10	
									Relative % Difference
			0%	0%	0%	0%	0%	0%	Analyte Avg. RPD
								0%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR MAY 2025
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation								
Equipment	Sample #	Cd	Cr	Cu	Ni	Pb	Zn	
		0.02	0.02	0.02	0.02	0.10	0.10	Reporting Limit (mg/L)
Sampler A	2643310	0.02	0.02	0.02	0.02	0.10	0.10	
	2643311	0.02	0.02	0.02	0.02	0.10	0.10	
	2643312	0.02	0.02	0.02	0.02	0.10	0.10	
Sampler B	2643313	0.02	0.02	0.02	0.02	0.10	0.10	
	2643314	0.02	0.02	0.02	0.02	0.10	0.10	
	2643315	0.02	0.02	0.02	0.02	0.10	0.10	
		0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation
							0.00	Table Average Deviation
Archive Sample Evaluation								
Permit #	Archive #	Original #	Cd	Cr	Cu	Ni	Pb	Zn
1-521821	2658702		0.02	0.02	0.13	0.02	0.10	0.10
		2620699	0.02	0.02	0.15	0.02	0.10	0.10
					8.57			Relative % Difference
1-571316	2658703		0.02	0.05	0.34	0.02	0.12	0.10
		2619352	0.02	0.06	0.36	0.02	0.13	0.11
					5.16			Relative % Difference
1-600456	2658681		1.06	0.02	0.02	0.02	0.10	0.10
		2627219	1.32	0.02	0.10	0.02	0.10	0.10
			21.85					Relative % Difference
1-602402	2658707		0.02	0.02	0.02	0.02	0.10	0.10
		2621051	0.02	0.02	0.02	0.02	0.10	0.10
								Relative % Difference
			22%	0%	7%	0%	0%	Analyte Avg. RPD
							14%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
QA/QC ANALYSIS RESULTS FOR JUNE 2025
ORANGE COUNTY SANITATION DISTRICT

Equipment Blank Evaluation									
Equipment		Sample #	Cd	Cr	Cu	Ni	Pb	Zn	
			0.02	0.02	0.02	0.02	0.10	0.10	Reporting Limit (mg/L)
Sampler A		2657212	0.02	0.02	0.02	0.02	0.10	0.10	
		2657213	0.02	0.02	0.02	0.02	0.10	0.10	
		2657214	0.02	0.02	0.02	0.02	0.10	0.10	
Sampler B		2657215	0.02	0.02	0.02	0.02	0.10	0.10	
		2657216	0.02	0.02	0.02	0.02	0.10	0.10	
		2657217	0.02	0.02	0.02	0.02	0.10	0.10	
			0.00	0.00	0.00	0.00	0.00	0.00	Avg. Deviation
								0.00	Table Average Deviation
Archive Sample Evaluation									
Permit #	Archive #	Original #	Cd	Cr	Cu	Ni	Pb	Zn	
1-600273	2658696		0.02	0.02	0.02	0.02	0.10	0.10	
		2627906	0.02	0.02	0.02	0.02	0.10	0.10	
								0.00	Relative % Difference
1-521790	2658682		0.02	0.02	0.68	0.02	0.10	0.10	
		2622826	0.02	0.02	0.67	0.03	0.10	0.10	
					0.30				Relative % Difference
1-511361	2617448		0.02	0.02	0.03	0.02	0.10	0.10	
		2658704	0.02	0.02	0.03	0.02	0.10	0.10	
									Relative % Difference
1-602385	2658706		0.02	0.02	0.04	0.02	0.10	0.10	
		2619425	0.02	0.02	0.03	0.02	0.10	0.14	
									Relative % Difference
			0%	0%	0%	0%	0%	0%	Analyte Avg. RPD
								0%	Table Average RPD

Results and RLs reported in mg/L. Results at or below the Reporting Limits are shown as the RLs. Bold numbers are results greater than 5 times the RL. Italic bold numbers are greater than 20 times the RLs. Per Standard Methods, values where the average is below 5 times the RL are not used for the RPD calculation.

APPENDIX I
SAMPLE COLLECTION CHECK RESULTS, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

SAMPLE COLLECTION CHECK RESULTS, JUL-SEP 2024									
Sampler A	Sample #	Cd	Cr	Cu	Ni	Pb	Zn	TSS	Sample #
	2576653	0.02	0.02	0.52	0.33	0.10	0.10	8.9	2576654
	2575215	0.02	0.02	0.50	0.32	0.10	0.10	< 6.7	2575224
	2575216	0.02	0.02	0.50	0.32	0.10	0.10	9.3	2575225
	2575217	0.02	0.02	0.50	0.32	0.10	0.10	10.0	2575226
	2575218	0.02	0.02	0.51	0.33	0.10	0.10	12.0	2575227
	Average Range	0.02	0.02	0.51	0.32	0.10	0.10	10.1	Average Range
Sampler Average Deviation		0.00	0.00	0.02	0.01	0.00	0.00	3.1	
Sampler Average Deviation		--	--	0.76	0.36	--	--	1.0	
Sampler B	Sample #	Cd	Cr	Cu	Ni	Pb	Zn	TSS	Sample #
	2575219	0.02	0.02	0.51	0.32	0.10	0.10	11.0	2575228
	2575220	0.02	0.02	0.51	0.32	0.10	0.10	12.0	2575229
	2575221	0.02	0.02	0.50	0.32	0.10	0.10	11.0	2575230
	2575222	0.02	0.02	0.53	0.34	0.10	0.10	9.3	2575231
	2575223	0.02	0.02	0.50	0.32	0.10	0.10	11.0	2575232
	Average Range	0.02	0.02	0.51	0.32	0.10	0.10	10.9	Average Range
Sampler Average Deviation		0.00	0.00	0.03	0.03	0.00	0.00	2.7	
Sampler Average Deviation		--	--	0.86	0.66	--	--	0.6	
Site Relative Percent Difference		Cd	Cr	Cu	Ni	Pb	Zn	TSS	
Site Relative Percent Difference		--	--	0.63	0.43	--	--	--	
Reporting Limits		0.02	0.02	0.02	0.02	0.10	0.10	1.0	
SAMPLE COLLECTION CHECK RESULTS, OCT-DEC 2024									
Sampler A	Sample #	Cd	Cr	Cu	Ni	Pb	Zn	TSS	Sample #
	2593411	0.05	0.29	0.17	0.02	0.10	0.15	26.0	2593412
	2588800	0.05	0.29	0.15	0.02	0.10	0.15	25.0	2588809
	2588801	0.05	0.29	0.15	0.02	0.10	0.15	28.0	2588810
	2588802	0.05	0.29	0.14	0.02	0.10	0.15	25.0	2588811
	2588808	0.05	0.30	0.17	0.02	0.10	0.14	18.0	2588813
	Average Range	0.05	0.29	0.16	0.02	0.10	0.15	24.4	Average Range
Sampler Average Deviation		0.01	0.01	0.03	0.00	0.00	0.01	10.0	
Sampler Average Deviation		--	0.38	0.97	--	--	--	2.6	
Sampler B	Sample #	Cd	Cr	Cu	Ni	Pb	Zn	TSS	Sample #
	2593412	0.05	0.28	0.15	0.02	0.10	0.14	27.0	2588812
	2588809	0.05	0.28	0.17	0.02	0.10	0.15	27.0	2588814
	2588810	0.04	0.31	0.17	0.02	0.10	0.13	21.0	2588815
	2588811	0.04	0.31	0.17	0.02	0.10	0.14	21.0	2588816
	2588813	0.05	0.28	0.14	0.02	0.10	0.13	30.0	2588817
	Average Range	0.05	0.29	0.16	0.02	0.10	0.14	25.2	Average Range
Sampler Average Deviation		0.01	0.03	0.03	0.00	0.00	0.01	9.0	
Sampler Average Deviation			1.17	1.30				3.4	
Site Relative Percent Difference		Cd	Cr	Cu	Ni	Pb	Zn	TSS	
Site Relative Percent Difference			0.14	2.77				3.2	
Reporting Limits		0.02	0.02	0.02	0.02	0.10	0.10	1.0	

Bold numbers are greater than five times the RLs. Results and RLs are reported in mg/L.

APPENDIX I
SAMPLE COLLECTION CHECK RESULTS, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

SAMPLE COLLECTION CHECK RESULTS, JAN-MAR 2025									
Sampler A	Sample #	Cd	Cr	Cu	Ni	Pb	Zn	TSS	Sample #
	2633570	0.02	0.02	0.22	0.22	0.10	0.10	11.0	2633543
	2632274	0.02	0.02	0.22	0.22	0.10	0.10	10.0	2632283
	2632275	0.02	0.02	0.22	0.23	0.10	0.10	12.0	2632284
	2632276	0.02	0.02	0.22	0.22	0.10	0.10	10.0	2632285
	2632277	0.02	0.02	0.22	0.23	0.10	0.10	13.0	2632286
	Average Range	0.02	0.02	0.22	0.22	0.10	0.10	11.2	Average Range
Sampler Average Deviation		0.00	0.00	0.00	0.00	0.00	0.00	3.0	
				0.14	0.16			1.0	
Sampler B	Sample #	Cd	Cr	Cu	Ni	Pb	Zn	TSS	Sample #
	2632278	0.02	0.02	0.22	0.22	0.10	0.10	13.0	2632287
	2632279	0.02	0.02	0.22	0.22	0.10	0.10	10.0	2632288
	2632280	0.02	0.02	0.21	0.22	0.10	0.10	10.0	2632289
	2632281	0.02	0.02	0.22	0.22	0.10	0.10	9.3	2632290
	2632282	0.02	0.02	0.21	0.21	0.10	0.10	10.0	2632291
	Average Range	0.02	0.02	0.22	0.22	0.10	0.10	10.5	Average Range
		0.00	0.00	0.01	0.01	0.00	0.00	3.7	
Sampler Average Deviation				0.21	0.29			0.2	
Site Relative Percent Difference		Cd	Cr	Cu	Ni	Pb	Zn	TSS	
				0.83	2.08			6.8	
Reporting Limits		0.02	0.02	0.02	0.02	0.10	0.10	1.0	
SAMPLE COLLECTION CHECK RESULTS, APR-JUN 2024									
Sampler A	Sample #	Cd	Cr	Cu	Ni	Pb	Zn	TSS	Sample #
	2655892	0.02	0.02	2.47	0.02	0.10	0.10	51.0	2655893
	2654333	0.02	0.02	2.53	0.02	0.10	0.10	52.0	2654342
	2654341	0.02	0.02	2.45	0.02	0.10	0.10	48.0	2654343
	2654335	0.02	0.02	2.53	0.02	0.10	0.10	55.0	2654345
	2654336	0.02	0.02	2.51	0.02	0.10	0.10	47.0	2654346
	Average Range	0.02	0.02	2.50	0.02	0.10	0.10	50.6	Average Range
		0.00	0.00	0.08	0.00	0.00	0.00	8.0	
Sampler Average Deviation		--	--	0.03	--	--	--	2.5	
Sampler B	Sample #	Cd	Cr	Cu	Ni	Pb	Zn	TSS	Sample #
	2654337	0.02	0.02	2.54	0.02	0.10	0.10	53.0	2654344
	2654338	0.02	0.02	2.61	0.03	0.10	0.10	43.0	2654348
	2654339	0.02	0.02	2.71	0.02	0.10	0.10	55.0	2654349
	2654340	0.02	0.02	2.56	0.02	0.10	0.10	58.0	2654347
	2654334	0.02	0.02	2.54	0.02	0.10	0.10	58.0	2654350
	Average Range	0.02	0.02	2.59	0.02	0.10	0.10	53.4	Average Range
		0.00	0.00	0.17	0.00	0.00	0.00	15.0	
Sampler Average Deviation		--	--	0.05	--	--	--	4.3	
Site Relative Percent Difference		Cd	Cr	Cu	Ni	Pb	Zn	TSS	
				3.69				5.4	
Reporting Limits		0.02	0.02	0.02	0.02	0.10	0.10	1.0	

Results are shown only for results greater than 5 times the Reporting Limit. Bold numbers are results at or above the RLs. Results and RLs are reported in mg/L

Appendix J. Permittees with Pretreatment Equipment

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
A & G Electropolish	1-531422	433.17(a)	•	•	•	•	X	•	X	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•
A & K Deburring and Tumbling, Inc.	1-511362	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
AbbVie Inc.	1-602206	439.17	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•
Accurate Circuit Engineering	1-011138	433.17(a)	•	•	X	•	X	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	X	•	•	X	•	•
Active Plating, Inc.	1-011115	433.17(a)	•	•	•	•	•	X	•	•	X	X	•	•	•	•	•	•	•	•	X	•	•	X	•	•	X	•	•
Advance-Tech Plating, Inc.	1-021389	433.17(a)	•	•	•	•	X	X	•	•	X	•	•	•	•	•	•	X	•	•	X	•	•	X	•	•	X	•	•
AdvancedPCB	1-600689	433.17(a)	•	•	•	•	X	•	X	X	X	X	•	•	•	X	•	X	•	•	•	•	•	•	•	•	X	•	•
AdvancedPCB-OC	1-600503	433.17(a)	•	•	X	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•	•	•	•	•	•	X	•	•
Air Industries Company, A PCC Company (Chapman)	1-031013	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	X	X	•	•	•	•

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PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
		417.86																											
Alloy Die Casting, Co. dba ADC Aerospace	1-531437	464.16(a), 464.16(c), 464.16(h), 464.46(a), 464.46(b), 464.46(d)	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	X	•	X	X	X	•	•	•	X	X	•
Alloy Tech Electropolishing, Inc.	1-011036	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•	X	•	X
Alsco, Inc. dba Alsco Uniforms	1-021656	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	X	•
Aluminum Precision Products, Inc. (Alton).	1-071035	467.46	•	•	•	•	X	•	•	•	X	•	•	•	•	•	•	X	X	•	•	•	•	X	•	•	X	X	•
Aluminum Precision Products, Inc. (Central)	1-011038	467.45	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•
Aluminum Precision Products, Inc. (Susan)	1-011100	467.45, 467.46	•	•	•	•	X	•	•	X	X	•	•	•	•	X	•	X	•	•	•	•	•	X	•	•	X	•	•
Amerimax Building Products	1-021102	465.35	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Ameripex, Inc.	1-031057	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	•	•	•
Anaheim Extrusion Co., Inc.	1-021168	467.35(c)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•	•	•	•	•	•	X	X	•
Andres Technical Plating	1-521798	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	•	X	•	•	•
Anillo Industries	1-602260	433.17(a)	X	•	X	•	X	X	•	•	X	•	•	X	X	•	•	X	X	•	•	•	•	X	•	•	X	•	X
AnoChem Coatings	1-600295	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•	•	•	•	•	•	•	•	•
Anodyne, Inc.	1-511389	433.17(a)	•	•	X	X	X	X	•	•	X	•	•	X	•	•	•	•	•	•	•	•	•	X	•	•	X	•	X

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Anomil Ent. Dba Danco Metal Surfacing	1-011155	433.17(a)	•	•	X	•	X	X	•	•	X	•	•	•	•	•	•	X	•	•	•	•	•	X	•	•	X	•	•
Arrowhead Operating Inc.	1-601062	435.34(b)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•

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PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
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Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Arrowhead Products Corporation	1-031137	420.96(c)(5), 471.35(bb), 471.35(dd), 471.35(ff), 471.35(j), 471.35(l), 471.35(r), 471.35(s), 471.35(t), 471.35(u), 471.35(v), 471.65(i), 471.65(j), 471.65(m), 471.65(n), 471.65(o), 471.65(p), 471.65(q), 471.65(s), 471.65(w), 471.65(x)	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Arrowhead Products Corporation (Building 2)	S-602216	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•

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Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Astech Engineered Products	1-602005	433.17(a)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•
Astech Engineered Products, Inc. (Bldg. 2 Outside)	Z-602004	471.65(m), 471.65(n), 471.65(o), 471.65(p), 471.65(q)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Astra Packaging, Inc	1-602414	403.5(d)	•	•	•	•	•	•	•	X	•	X	•	•	•	•	•	X	•	•	•	•	•	•	•	•	X	•	•
Auto-Chlor System of Washington, Inc.	1-511384	417.166	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•
Avid Bioservices, Inc.	1-571332	439.17, 439.27	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•
B. Braun US Pharmaceutical MFG LLC (West/Lake)	1-541183	439.47, 463.16, 463.26, 463.36	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	X	•	•	•	•	•
Basic Electronics, Inc.	1-031094	433.17(a)	•	•	•	•	X	•	X	•	•	•	•	•	•	X	•	•	X	•	•	•	•	•	•	•	X	•	•
Basin Marine, Inc.	1-602301	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
BAZZ HOUSTON CO .	1-031010	403.5(d)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Beachcom, LLC	S-601841	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•
Beckman Coulter, Inc.	1-521824	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•
Bell Industries, Inc.	S-051294	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Beo-Mag Plating	1-511370	433.17(a)	•	•	•	•	X	•	•	•	X	•	•	•	•	•	•	X	•	•	•	X	•	X	•	•	X	•	•

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PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Beverage Visions LLC (Yorba Linda)	1-601449	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Bimbo Bakeries U.S.A, Inc.	1-521838	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.
Black Oxide Industries, Inc.	1-021213	433.17(a)	.	.	.	.	X	.	.	.	X	.	.	.	.	.	.	X	.	.	.	.	X	X	.	.	X	.	X
Blower-Dempsey Corp. DBA Pacific Western Container	1-511371	403.5(d)	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	X	.	.	.	X	.	.	X	X	.	.	.
Blue Lake Energy	1-521785	435.34(b)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	X	.
Blue Ribbon Container and Display, Inc.	1-601468	403.5(d)	.	.	.	.	.	.	.	X	.	X	.	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.
Bodycote Thermal Processing	1-031120	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Boudreau Pipeline Corporation	S-602259	403.5(d)	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	X	X	.	.	.	.
Brasstech, Inc	1-600316	433.17(a)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Brea Power II, LLC	1-521837	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.
Bridge Energy, LLC	1-600398	435.34(b)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Brindle/Thomas - Bradley	1-531428	435.34(b)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Brindle/Thomas - Brooks & Kohlbush	1-531429	435.34(b)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.
Brindle/Thomas - Catalina & Copeland	1-531430	435.34(b)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.
Brindle/Thomas - Dabney & Patton	1-531427	435.34(b)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.

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Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Bristol Industries	1-021226	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), 471.65(f), 471.65(u), 471.65(w), 471.65(x)	•	•	•	•	X	X	•	•	X	•	•	X	X	•	•	X	•	•	•	•	•	X	•	•	X	X	X
Brothers International Desserts (North)	1-600583	405.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
Brothers International Desserts (West)	1-600582	405.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
Cadillac Plating, Inc.	1-021062	433.17(a)	•	•	•	•	X	X	•	•	X	•	•	•	•	•	•	•	X	•	X	•	•	X	•	•	X	•	•
Cal-Aurum Industries	1-111089	433.17(a)	•	•	•	•	•	•	•	X	•	•	•	X	•	X	•	•	X	•	•	•	•	•	•	•	X	X	•

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Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
California Gasket and Rubber Corporation	1-521832	428.66(a)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CalNRG Operating, LLC	1-601486	435.34(b)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Cargill, Inc.	1-031060	403.5(d)	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	X	.	.	.	X	.	.	X	.	.	.
Catalina Cylinders, Inc.	1-031021	467.46	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CD Video Manufacturing Inc	1-511076	433.17(a)	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	X	X	X	.	.	.	X	.	.	.	X
Chevron Environmental Management Company	S-602280	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Chromadora, Inc.	1-511414	433.17(a)	.	.	.	.	X	X	.	.	.	.	.	X	X	.	.	.	X	.	.	.	.	X	.	.	X	.	.
Circuit Technology, Inc.	1-521821	433.17(a)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.
City of Anaheim, Public Utilities Department (CPP)	1-600296	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
City of Anaheim, Public Utilities Dept. - Water Services (WRF)	1-521843	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
City of Fullerton (Public Works Department)	1-601835	403.5(d)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
City of Huntington Beach (Heil Avenue)	S-602178	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
City of Huntington Beach (Warner Magnolia)	S-602329	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
City of Newport Beach (West Coast Hwy - Oil Extraction)	1-600584	435.34(b)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	X	X	.	.	.	.	.

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PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
CJ Foods Manufacturing LLC	1-602061	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Coastline High Performance Coatings, LTD	1-600812	433.17(a)	•	•	•	•	•	X	•	•	•	•	•	•	•	X	•	•	X	•	•	•	•	•	X	•	•	•	•
Coastline Metal Finishing Corp., A Division of Valence Surface Technologies	1-600708	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•	•	•	•	•	•	•
Color Fashion Dye and Finishing, LLC	1-602149	410.54	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Colores Powder Coating	Z-601858	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Columbine Associates	1-521784	435.34(b)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	•	•	•	•
Continuous Coating Corp.	1-601999	433.17(a), 465.15	•	•	•	•	X	•	•	•	X	X	•	•	•	X	•	X	X	•	•	•	•	X	•	•	X	•	X
Corru-Kraft Buena Park	1-600806	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•
Corru-Kraft Fullerton	1-601450	403.5(d)	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
CP-Carrillo, Inc. (Armstrong)	1-600920	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•
Crest Coating, Inc.	1-021289	433.17(a)	•	•	•	•	X	•	•	•	X	X	•	•	•	•	•	X	X	•	•	•	•	X	•	•	X	•	•
Custom Enamelers, Inc.	1-021297	433.17(a)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cytec Engineered Materials	Z-600005	433.17(a)	•	•	•	•	X	X	X	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•
D.F. Stauffer Biscuit Co., Inc.	1-600414	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Dae Shin USA, Inc.	1-031102	410.56	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•
Darling Ingredients, Inc.	1-511378	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	X	•	X	•	•	X	•	X	•	•	X
Data Electronic Services, Inc.	1-011142	433.17(a)	•	•	X	•	X	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	X
Data Solder Inc.	1-602480	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Data Solder, Inc.	1-521761	433.17(a)	•	•	•	•	X	•	•	•	X	•	•	•	•	•	•	X	X	•	•	•	•	X	•	•	X	•	•
Dayton Flavors, Inc.	1-600038	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Defense Logistics Agency-Energy (DLA)	S-600944	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	X	•	•	•	•	X	•
Diamond Environmental Services, LP	1-600244	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DNR Industries, Inc.	Z-601019	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Dona Tina, LLC. / Northgate Gonzalez, LLC.	1-602333	432.126, 432.56	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
DPR Construction	S-602281	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	X	•	•	•	•	•
Dr. Smoothie Enterprises - DBA Bevolution Group	1-600131	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•
Dr. Squatch Bricc City	1-602045	417.16, 417.76	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•
DRS Network & Imaging Systems, LLC	1-531405	469.18(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	•	•	•	•	•	X	•	•	•
Ducommun Aerostructures, Inc.	1-021105	433.17(a)	•	•	•	•	X	•	•	X	•	•	•	•	•	•	•	X	•	•	•	•	•	X	X	•	X	•	•
Dunham Metal Plating Inc.	1-601023	433.17(a)	•	•	•	•	X	X	•	X	X	•	•	•	•	•	•	X	•	•	X	•	•	X	•	•	X	•	X
Dunham Metal Processing	1-021325	433.17(a)	•	•	•	•	X	X	•	X	•	•	•	•	•	•	•	X	X	•	•	•	•	X	•	•	X	•	•
E&B Natural Resources - Angus Petroleum Corporation	1-600254	435.34(b)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•
EFT Fast Quality Service, Inc.	1-011064	433.17(a)	X	•	X	•	X	•	•	•	•	•	•	•	•	X	•	•	X	•	•	•	•	X	•	•	X	•	•

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Electro Metal Finishing Corporation	1-021158	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	X	•
Electrode Technologies, Inc. dba Reid Metal Finishing	1-511376	433.17(a)	•	•	•	•	X	X	•	•	X	•	•	X	X	X	•	X	•	•	•	•	•	X	•	•	X	X	•
Electrolurgy, Inc.	1-071162	433.17(a)	•	•	X	•	•	X	•	•	X	•	•	X	X	•	•	•	X	•	X	•	•	X	•	•	X	•	•
Electron Plating III, Inc.	1-021336	433.17(a)	•	•	•	•	X	X	•	•	X	•	•	•	•	•	•	X	X	•	•	•	•	X	•	•	X	•	X
Electronic Precision Specialties, Inc.	1-021337	433.17(a)	X	•	X	•	•	•	•	•	X	•	•	•	•	X	•	X	•	•	•	•	•	X	•	•	•	•	•
Embee Processing (Anodize)	1-600456	413.14(c), 413.54(c), 413.64(c), 433.17(a)	•	•	•	•	•	•	X	•	•	•	•	X	X	•	•	•	•	•	X	•	•	X	•	•	•	•	•
Embee Processing (Plate)	1-600457	413.14(c), 413.54(c), 413.64(c), 413.74(c), 433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•
Emerald SoCal, LLC / Emerald Orange	1-601615	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Excello Circuits, Inc. (Hunter)	1-601356	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Fineline Circuits & Technology, Inc.	1-021121	433.17(a)	•	•	X	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•	•	•	X	•	•	X	•	•

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Flare Group dba Aviation Equipment Processing	1-071037	433.17(a)	•	•	•	•	•	•	X	•	X	•	•	•	•	X	•	•	X	•	X	•	•	•	•	•	X	X	•
FMH Aerospace Corp.	1-600585	433.17(a), 467.16, 471.65(m), 471.65(n), 471.65(p), 471.65(q), 471.65(w)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	X	•	•	•	•	•
FujiFilm Irvine Scientific, Inc.	1-600977	439.47	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
G&M Oil Company, Inc. (Magnolia)	S-602130	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
G&M OIL COMPANY, INC. - STATION #50	S-053293	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Gallade Chemical, Inc.	1-011257	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•	•	X	•	•	•
Gallade Chemical, Inc.	S-051243	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Garden Grove Unified School District, Maintenance Center	1-602044	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gemtech Coatings	Z-600544	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•
Gemtech Coatings (Explorer)	1-601761	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Gemtech LLC DBA Powdercoat Services (Building L)	1-602405	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
GKN Aerospace Transparency Systems	1-531401	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Gold Coast Bakery, LLC	1-602506	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	.	.	X	.	.	.	.	.
Gold Coast Baking Company, LLC	1-602258	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	.	.	X	.	.	.	.	.
GOODWIN CO.	1-031043	417.166	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Graphic Packaging International, Inc.	1-571314	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.
Hannah Industries, Inc. DBA South Coast Water	1-511405	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.
Harbor Truck Bodies, Inc.	1-021286	433.17(a)	.	.	.	.	X	.	.	X	X	.	.	.	.	.	.	X	.	.	.	.	.	X	.	.	X	.	.
Harry's Dye & Wash, Inc.	1-521746	410.44, 410.54	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hartwell Corporation	1-021381	403.5(d)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hellman Properties, LLC	1-600273	435.34(b)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	X	.
Hi Tech Solder	1-521790	433.17(a)	.	.	.	.	X	.	.	.	X	.	.	.	.	.	.	X	X	.	.	.	.	.	.	.	X	.	.
Hixson Metal Finishing	1-061115	433.17(a)	.	.	.	X	X	X	.	.	X	X	.	X	X	X	.	X	X	X	X	.	.	X	.	.	X	.	X
House Foods America Corporation (East)	1-600906	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
House Foods America Corporation (West)	1-031072	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Howmet Aerospace Inc.	S-000790	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Howmet Global Fastening Systems Inc.	1-021081	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)	•	•	•	•	X	X	•	•	X	•	•	X	X	•	•	X	X	X	X	•	X	X	X	•	X	•	X
HSH Interplan USA, Inc.	1-602179	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•

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PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Hyatt Die Cast & Engineering Corporation	Z-331236	464.16(a), 464.16(b), 464.16(c), 464.16(h), 464.46(a), 464.46(b), 464.46(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•
Ideal Anodizing, Inc.	1-021041	433.17(a)	•	•	•	•	X	X	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•
Ikon Powder Coating, Inc.	1-521756	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•
Image Technology, Inc.	1-521755	417.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	X	•	•	X	•	•
Independent Forge Company	Z-601008	467.45	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•	X	•	•
Industrial Metal Finishing, Inc.	1-521828	403.5(d)	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•
Intec Products, Inc.	1-021399	410.46, 410.56	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	X	•	•	•
International Paper Company (Anaheim)	1-521820	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	X	•	•	•	•	X	•	•
International Paper Company (Buena Park Bag)	1-531419	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	X	•	•
International Paper Company (Buena Park Container)	1-031171	403.5(d)	•	•	•	•	•	•	•	X	X	X	•	•	•	•	•	•	X	•	•	•	•	•	•	•	X	•	•
Irvine Company Retail Properties	S-054311	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Irvine Ranch Water District (Howler WTP)	1-602499	403.5(d)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	X	•	•	•	•
IsoTis OrthoBiologics, Inc.	1-601134	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
ITT, LLC	S-051349	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	X	•	•	•	•
J and J Operators LLC	1-601614	435.34(b)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
J&J Marine Acquisition Co., LLC	1-551152	403.5(d)	•	X	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	•	X	X	•	•	X	•
JD Processing, Inc. (East)	1-511407	433.17(a)	•	•	•	•	X	•	X	•	•	•	•	•	•	•	•	X	•	•	•	•	•	X	•	X	X	•	•
JD Processing, Inc. (West)	1-600978	433.17(a)	•	•	•	•	X	•	•	•	X	X	•	•	•	•	•	X	•	•	X	•	•	•	•	X	X	•	X
Jellco Container, Inc.	1-021402	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
JOHN A. THOMAS - BOLSA OIL	1-031065	435.34(b)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	•	•	•	•
Kinsbursky Brothers Supply, Inc.	1-021424	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	X	•	•	X	•	•	X	•	X
Kirkhill, Inc. (North)	1-600608	428.76(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Kirkhill, Inc. (South)	1-600609	428.76(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Koia Anaheim Facility, LLC	1-601767	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Kryler Corporation	1-021428	433.17(a)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
La Habra Bakery	1-031029	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	X	•	•	•
La Habra Plating Company	Z-331399	433.17(a)	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LANDSEA HOMES OF CALIFORNIA LLC (Edinger)	S-602461	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Legrand DPC, LLC	Z-601203	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Lightning Diversion Systems, LLC	1-600338	433.17(a)	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	X	•	•

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Linco Industries, Inc.	1-021253	433.17(a)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	X	X	•	•	•	•	X	•	•	X	•	•
LM Chrome Corporation	1-511361	433.17(a)	•	•	•	•	X	X	•	X	•	•	•	X	•	•	•	X	X	•	X	•	•	X	•	•	X	•	X
Los Alamitos Race Course	1-602367	412.3	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Los Alamitos Race Course	2-532373	412.3	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Magnetic Metals Corporation	1-531391	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	X	•	•	•	•	•	X	•
Manufactured Packaging Products	1-521793	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Manufactured Packaging Products (MPP Fullerton)	1-021681	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	X	X	•	X	•	•	•	X	•	X	•	•
Maruchan, Inc. (Deere)	1-071024	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
Maruchan, Inc. (Deere-South)	1-601021	403.5(d)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
Maruchan, Inc. (Laguna Cyn)	1-141015	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•
Marukome USA, Inc.	1-141023	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Master Wash, Inc.	1-511399	403.5(d)	X	•	X	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•	•	•	•	•	•	•	•	•
MBV-CA, LLC	1-602131	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
MCP Foods, Inc. Dba DSM-Firmenich	1-602062	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Mechanized Science Seals, Inc. DBA: MS Bellows	1-111007	433.17(a)	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Meggitt Orange County	1-601843	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	X	•
Merical, LLC	1-600655	439.47	•	•	•	•	•	•	•	X	•	X	•	•	•	•	•	X	•	•	•	•	•	X	•	•	X	•	•
MeriCal, LLC	1-602025	439.47	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Micrometals, Inc.	1-021153	471.105(e)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
MTC Corp	1-600443	426.66	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
MTC Corp (North)	1-602406	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
MTC Corp (South)	1-602386	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Murrietta Circuits	1-521811	433.17(a)	•	•	X	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•
Nalco Company, LLC	1-521748	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
National Construction Rentals	1-600652	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
Neutron Plating, Inc.	Z-321812	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Newlight Technologies, Inc.	1-600888	463.16, 463.26	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
Newport Corporation	1-601837	433.17(a)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•
Newport Fab, LLC dba Tower Semiconductor Newport Beach, Inc.	1-571292	469.18(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•	•	•	•	•	•	•	•	•
Nobel Biocare USA, LLC	1-521801	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•
O'Donnell Oil, LLC	1-581191	435.33(b)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•
Oakley, Inc.	1-141012	463.16, 463.26, 463.36	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•	•	•	•	•	X	•	X	•
OCFCD - Santa Ana Delhi Diversion	U-602162	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	•	•	•

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Omni Metal Finishing, Inc. (Building 4)	1-600981	433.17(a)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.
Only Cremations & Aquamation for Pets (Newport Beach)	1-601084	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.
Pacific Coast Water Systems, Inc.	1-600520	403.5(d)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.
Pacific Image Technology, Inc.	1-021070	433.17(a)	.	.	.	.	.	.	X	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Parker Hannifin Corporation	Z-600979	433.17(a)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	X	.	.	.	.
Patriot Wastewater, LLC (Freedom CWT)	1-521861	437.47(b)	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	X	.	X	.	X	.	X	.	.	.	X
Patriot Wastewater, LLC (Freedom Non-CWT)	1-600147	403.5(d)	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	.	.
Patriot Wastewater, LLC, a subsidiary of Heritage-Crystal Clean, LLC (Freedom CWT)	1-602382	437.47(b)	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	X	.	X	.	X	.	X	.	.	.	X
Patriot Wastewater, LLC, a subsidiary of Heritage-Crystal Clean, LLC (Freedom Non-CWT)	1-602385	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	X	.	.	.	.
PCX Aerosystems - Santa Ana	1-601618	433.17(a)	X	.	X	.	.	.	.	.	.	.	.	.	.	.	.	X	X	.	X	.	.	X	.	.	.	.	.
Performance Powder, Inc.	1-521805	433.17(a)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Petroprize, Inc.	1-581180	435.34(b)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Pier Oil Company, Inc.	1-581178	435.34(b)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•
Pioneer Circuits, Inc.	1-011262	433.17(a)	X	•	X	•	•	•	•	X	•	•	•	•	•	X	•	X	X	•	X	•	X	•	•	•	X	•	X
Platinum Surface Coating, Inc.	1-521852	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	X	•	•	•	•	X	•	•
Plegel Oil Company (Blattner/Joe Johnson)	1-521864	435.34(b)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Plegel Oil Company - (A.H.A.)	1-021176	435.34(b)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Porter Powder Coating, Inc.	Z-321817	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
PowerDrive Oil & Gas Company, LLC (2nd)	1-600248	435.34(b)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Precious Metals Plating Co., Inc.	1-011265	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	X	X	X	•	•	•	•	•	•	•	•
Precision Anodizing & Plating, Inc.	1-521809	433.17(a)	•	•	•	•	X	X	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•
Precision Circuits West, Inc.	1-011008	433.17(a)	•	•	•	•	X	•	•	•	X	X	•	•	•	•	•	X	•	•	X	•	•	•	•	•	X	•	X
Precision Powder Coating, Inc.	Z-602165	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Precision Resource, California Division	1-111002	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	X	•	•	•	•
Precon, Inc.	1-021581	403.5(d)	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	•	•	•
Prima-Tex Industries Inc.	1-031036	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•
Prudential Overall Supply	1-071235	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Pulmuone Foods USA, Inc. (East)	1-601443	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	X	•	X	X	X	•	•	•	X

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Quality Aluminum Forge, LLC (Cypress North)	1-521833	467.45	.	.	.	.	X	.	.	X	X	.	.	.	.	.	.	X	.	.	.	.	.	X	.	.	X	.	.
Quality Aluminum Forge, LLC (Cypress South)	1-600272	467.46	.	.	.	.	.	.	.	.	X	.	.	.	.	X	.	.	X	.	.	.	.	.	.	.	X	.	.
Ram Screen Printing, Inc.	1-601652	410.46	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
RBC Transport Dynamics Corp.	1-011013	433.17(a)	.	.	.	.	.	.	.	.	X	.	.	X	.	.	.	.	X	X	.	.	.	X	X	.	.	.	.
RBC Transport Dynamics Corp.	Z-602441	433.17(a)	.	.	.	.	.	.	.	.	X	.	.	X	.	.	.	.	X	X	.	.	.	X	X	.	.	.	.
Rich Products Corporation (North)	1-601022	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	X	.	.	.	.	.
Rich Products Corporation (South)	1-511404	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	X	.	.	.	.	.
Rigiflex Technology, Inc.	1-021187	433.17(a)	X	.	X	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	X	.	.	.
Robinson Pharma, Inc. (Gummy - H6)	1-602214	439.47	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.
Robinson Pharma, Inc. (Harbor North - H2)	1-600126	439.47	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Robinson Pharma, Inc. (Harbor South - H1)	1-511412	439.47	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rolls-Royce High Temperature Composites, Inc.	1-600212	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Rolls-Royce High Temperature Composites, Inc. (Fume Scrubber)	1-600213	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Rountree / Wright Enterprises, LLC	1-111028	435.33(b)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X	X	.	.	.	.	.
S & C Oil Company, Inc. (2)	1-601637	435.34(b)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.
Sabic Innovative Plastics, US, LLC	S-057284	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.	.	X	.
Safety-Kleen Systems, Inc.	1-600690	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	.	.	X	.	.	.	.	.
Sanitor Corporation	1-601267	417.86, 439.47	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Sanmina Corporation (Airway)	1-061008	433.17(a)	.	.	X	.	X	.	.	.	X	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.
Sanmina Corporation (Redhill)	1-061009	433.17(a)	.	.	.	.	.	.	X	.	.	.	.	.	.	X	.	X	.	.	.	X	.	.	.	.	X	.	.
Santa Ana Country Club	2-562171	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.
Scientific Spray Finishes Inc	Z-602381	433.17(a)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Scientific Spray Finishes, Inc.	1-031311	433.17(a)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Serrano Water District	1-021137	403.5(d)	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	X	.	.	.	.
SFPP, LP	1-021619	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	X	.	X	.	.	.	.
Shepard Bros., Inc.	1-031034	417.166, 417.176	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	X	.	X	.	.	.	.	.	.	.	.
Shur-Lok Company	Z-602134	433.17(a)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Simply Fresh, LLC	1-600709	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.
Sioux Honey Association	1-602027	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Sirco Industrial, Inc.	1-600706	403.5(d)	X	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.	.	.	X	.
Soldermask, Inc.	1-031341	433.17(a)	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3500 Ste A)	1-602000	433.17(a)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.
South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3506 Ste A)	1-602001	433.17(a)	.	.	.	.	.	.	.	X	.	X	.	.	.	.	.	X	.	.	X	.	.	.	.	.	X	.	.
South Coast Circuits LLC DBA Summit Interconnect Santa Ana (Bldg 3524 Ste A)	1-602003	433.17(a)	.	.	.	.	.	.	.	X	.	X	.	.	.	.	.	X	.	.	X	.	.	.	.	.	X	.	.
South Coast Circuits LLC DBA Summit Interconnect Santa Ana Bldg 3512 Ste A	1-602002	433.17(a)	.	X	.	.	.	.	.	.	.	.	.	.	.	X	.	.	X	X	.	.	.	X	.	.	X	.	.
Southern California Edison #1 (MT)	1-031014	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.
Southern California Edison #2 (DAS)	1-031015	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Southern California Edison #3 (LARS)	1-031016	403.5(d)	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Space Back Bay, LLC	S-601857	403.5(d)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
		405.76																											
Summit Interconnect, Inc.	1-600012	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	X	•	•	X	•	•	•	•	•	X	•	•
Summit Interconnect, Inc., Orange Division	1-600060	433.17(a)	•	•	X	•	•	•	X	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	X	X	X	X
Sunny Delight Beverages Co.	1-021045	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	X	•	•	•
Sunny Delight Beverages Co.	1-602560	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	X	•	•	•
Sunny Sky Products	1-602334	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Superior Connector Plating Inc. DBA Superior Plating Inc.	1-021090	433.17(a)	•	•	•	•	X	X	•	•	X	•	•	X	X	•	•	X	•	•	X	•	•	X	•	X	X	X	•
Superior Processing (2)	1-601701	433.17(a)	•	•	X	•	•	•	•	•	•	•	•	X	•	X	•	X	•	•	•	•	•	X	•	•	•	•	•
Tawa Services, Inc. (Bakery Central Kitchen)	1-601895	403.5(d)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tawa Services, Inc. (Food and Meat Processing Center)	1-601896	432.126, 432.56	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tayco Engineering, Inc.	1-031012	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•	•	•	X	X	•
Taylor-Dunn Manufacturing (Waev Inc.)	1-601699	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•
Taylor-Dunn Manufacturing (Waev Inc.)	Z-602407	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•
Terra Universal, Inc.	1-601407	433.17(a)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•
The Boeing Company (Bldg. 28)	S-058340	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
The Boeing Company (Bldg. 51)	S-058339	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
THE BOEING COMPANY (GRAHAM)	1-111018	433.17(a)	X	X	X	•	X	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	X	X	•	•	X	X	•
Thermal-Vac Technology, Inc.	1-021282	433.17(a)	•	•	X	•	•	•	•	•	•	•	•	•	•	X	•	X	X	X	•	•	•	•	•	•	•	•	•
Thermal-Vac Technology, Inc. (2)	1-602460	433.17(a)	•	•	X	•	•	•	•	•	•	•	•	•	•	X	•	X	X	X	•	•	•	•	•	•	•	•	•
Thompson Energy Resources LLC (Brea)	1-601469	435.34(b)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	X	•	X	•	X	•	•	X	•	•	•
Thrifty Oil Company #150	S-000197	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	X	•	X	•	•	•	•
Timken Bearing Inspection, Inc.	1-531415	433.17(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	X	•	•	•	•	•
Tiodize Co., Inc.	1-111132	433.17(a)	•	•	•	•	X	X	•	X	•	•	•	•	•	X	•	X	•	•	•	•	•	X	•	•	X	•	X
Toyota Racing Development, USA, Inc.	1-071059	403.5(d)	•	X	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•	•
Transline Technology, Inc.	1-021202	433.17(a)	•	•	X	•	X	•	•	•	•	•	•	•	•	X	•	X	X	•	•	•	•	•	•	•	X	•	•
Tropitone Furniture Co., Inc.	1-141163	433.17(a)	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TTM Technologies North America, LLC (Croddy)	1-511366	433.17(a)	•	•	•	•	X	•	•	•	X	•	•	•	•	•	•	X	•	•	•	X	•	X	•	•	X	•	X
TTM Technologies North America, LLC (Harbor)	1-511359	433.17(a)	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	X	X	•	X	•	•	•	•	•	X	•	X
U.S. Department of the Navy BRAC PMO West (North)	S-057256	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	X	•	•	•	•	•
United Pharma, LLC	1-531418	439.47	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Universal Molding Co.	1-521836	433.17(a)	•	•	•	•	•	•	•	X	•	•	•	•	•	X	•	•	X	•	X	•	•	•	•	•	X	•	•

APPENDIX J
PERMITTEES WITH PRETREATMENT EQUIPMENT, FY 2024/25
ORANGE COUNTY SANITATION DISTRICT

Facility Name	Permit No.	Regulation	Anion Exchange	Carbon Filtration	Cation Exchange	Chelate Breaking Tank	Chemical Precipitation	Chromium Reduction	Clarification	Clarification eop	Clarification neop	Coagulation/Flocculation	Cross Flow Filter	Cyanide Destruct 1Stage	Cyanide Destruct 2Stage	Effluent pH Adjustment	Electrowinning/Plate-out	Equalization Tank	Holding Tank	Mixed Bed Ion Exchange	Multi-Purpose Tank 1	Multi-Purpose Tank 2	Oil/Water Separation	Other	Other Pressure Filtration Device	pH Adjust Tank-No Heavy Metals	Plate & Frame Filter Press	Polishing Filter	Sludge Thickening Tank
Van Law Food Products, Inc.	1-600810	407.86	•	•	•	•	•	•	X	•	•	X	•	•	•	•	•	•	•	•	•	•	X	•	•	X	•	•	•
Venus Laboratories, Inc. dba Earth Friendly Products	1-600739	417.166, 417.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	X	•	•	•	•	•	•	•	•
Vi-Cal Metals, Inc.	1-521846	403.5(d)	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	X	•	•	•	•	X	X	•	•	•	•
W.E. O'Neil Construction	S-602464	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	X	•	•	•	•
Warner Avenue Group, LLC	S-601116	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	X	•	•	•	•
Waste Management Collections & Recycling, Inc. DBA Sunset Environmental	1-601581	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Weber Precision Graphics	1-011354	403.5(d)	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•
Western Pacific Distributing, LLC	2-022370	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•
Wilco-Placentia Oil Operator, LLC	1-521829	435.34(b)	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•
Winonics (Brea)	1-031035	433.17(a)	•	•	•	•	X	•	•	•	X	•	•	•	•	•	•	X	•	•	•	X	•	X	•	•	X	•	X
Winonics LLC. dba Bench 2 Bench Technologies	1-601974	433.17(a)	•	•	•	•	X	•	•	•	X	X	•	•	•	•	•	X	•	•	•	X	X	•	•	•	X	•	•
Yakult USA, Inc.	1-521850	403.5(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	X	•	•	•	•	•	•	•	•	•	•	•	•	•

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