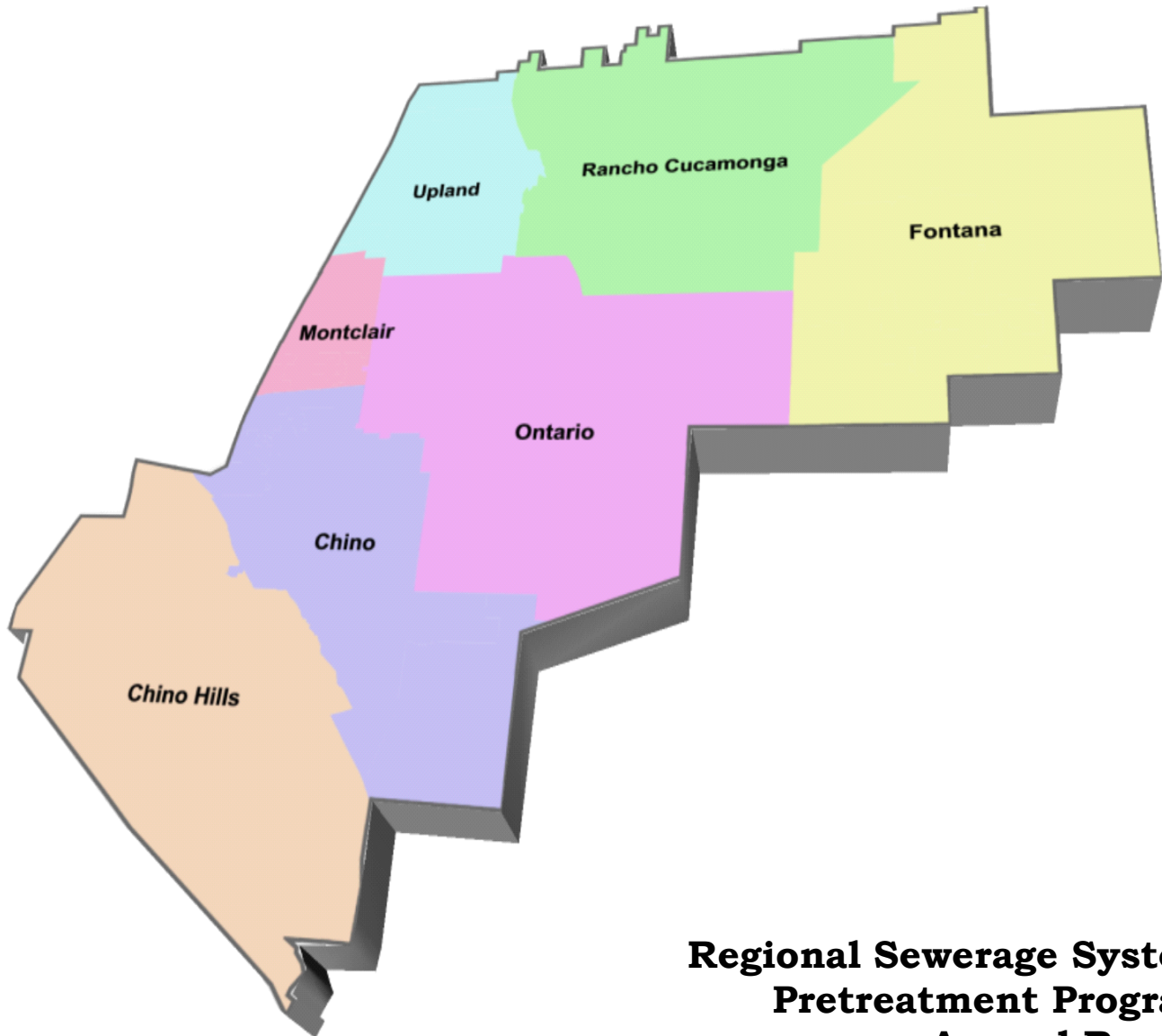




Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT



**Regional Sewerage System
Pretreatment Program
Annual Report
Fiscal Year 2014-2015**

**POTW PRETREATMENT ANNUAL REPORT
COVER SHEET**

NPDES PERMIT HOLDER: INLAND EMPIRE UTILITIES AGENCY

REPORT PERIOD: July 1, 2014 to June 30, 2015

NAME OF WASTEWATER TREATMENT PLANT(S) NPDES PERMIT NUMBER

Regional Water Recycling Plants No. 1, 4, 5 and CA 8000409

Carbon Canyon Water Reclamation Facility

PERSON TO CONTACT CONCERNING INFORMATION IN THIS REPORT:

NAME: Sylvie Lee

TITLE: Manager of Planning & Environmental Resources

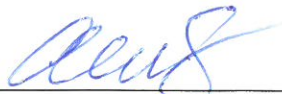
MAILING ADDRESS: INLAND EMPIRE UTILITIES AGENCY
P.O. Box 9020
Chino Hills, California 91709

TELEPHONE NUMBER: (909) 993-1646

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9.29.2015

Date



Sylvie Lee, P.E.

Manager of Planning & Environmental Resources

EXECUTIVE SUMMARY

The Inland Empire Utilities Agency (IEUA) submits this document for the federally mandated and approved pretreatment program. This report describes the activities of the IEUA, including reports prepared by member agencies operating under IEUA's Environmental Protection Agency (EPA) approved pretreatment program, and includes priority pollutant monitoring data for IEUA's Regional Water Recycling Plants as well as monitoring data for all Significant Industrial Users (SIUs) for the period July 1, 2014 through June 30, 2015. This Fiscal Year 2014/15 report was prepared in accordance with EPA and State of California guidance documents and permits.

IEUA operates four regional water recycling facilities, which are subject to NPDES permitting requirements. These plants are Regional Water Recycling Plants No. 1 and 4, which share the same outfall, Regional Water Recycling Plant No. 5, and the Carbon Canyon Water Recycling Facility (CCWRF). Regional Water Recycling Plant No. 5 (RP-5) replaced Regional Plant No. 2, beginning operation on March 5, 2004. Solids handling for the CCWRF and RP-5 are conducted at the RP-2 facility. The four plants service a community of seven cities and have a combined flow rate of approximately 50 million gallons per day. Figures on the following pages illustrate the Regional Sewerage System and Contracting Agencies' boundaries where the service is provided.

IEUA continued the ongoing efforts to prevent salt from contaminating the Chino Groundwater Basin. The biosolids dewatering from the Regional Water Recycling Plant No. 1 (RP-1) centrate process continues to be discharged to the Non-Reclaimable Wastewater System (NRWS). By discharging the centrate to the NRWS, the salinity and nitrogen in the RP-1 effluent has been reduced, thereby helping to protect the water quality in the Upper Chino Basin.

The California State Water Resources Control Board's (SWRCB) Wastewater Discharge Requirements (WDR) adopted in May 2006 requires that all publicly owned and operated sanitary sewer systems comprised of more than one mile of sewer line within the state of California have in place a Sewer System Management Program (SSMP) to reduce the number and severity of Sanitary Sewer Overflows (SSOs). As part of this program, IEUA is required to conduct a biennial review of the SSMP. During Fiscal Year 2014/15 the Agency completed this review. The review found no major deficiencies or significant changes in the program. To date the program is being implemented as designed.

Consistent with the Wastewater Facilities Master Plan (adopted August 2002), IEUA and the regional contracting agencies are implementing a Regional Recycled Water Distribution System to serve recycled water from the Regional Water

Recycling Plants for direct reuse and groundwater recharge. The salinity of the recycled water is a critical element in the recharge of recycled water and lowering salinity enhances the marketability for customers of recycled water.

During the fiscal year IEUA continued with its Water Softener Removal Rebate Program implemented in 2008. This project is part of the Agency's Salinity Reduction Program that is addressing the impacts of automatic water softeners on IEUA's recycled water. Removing self-regenerating water softeners will help lower the salinity in the recycled water and will increase the benefits for use in the groundwater recharge program to meet the goals of the Chino Basin Watermaster's, Optimum Basin Management Plan and the Santa Ana Regional Water Quality Control Board's "Max Benefit" Basin Plan. As of June 2015, over 700 residents have participated in the rebate program keeping an additional 126 tons of salt per year from entering the regional system.

In June of 2014, IEUA hired a consultant to reevaluate IEUA's Local Limits in a formal study as the result of a 2012 Pretreatment Program Compliance Audit. The objective of this study was to develop logical, technically based, and defensible local limits that are effective, enforceable and applicable to all Significant Industrial Users (SIUs) within the IEUA's service area. The draft local limits report was completed in July 2015 and will be sent to the RWQCB as required by 40 CFR 403.18 for review and approval.

IEUA complied with the public participation requirements of 40 CFR Part 25 in the enforcement of National Pretreatment Standards by publishing its industrial users which were in Significant Non-Compliance (SNC) during the period July 1, 2014 to June 30, 2015. During the fiscal year there were five industries listed as SNC for discharge and reporting violations. The IEUA found Cliffstar Corporation in Fontana and Scott Brothers Dairy in Chino to be in SNC based on TRC for Total Dissolved Solids (TDS) violations. Inland Powder Coating in Ontario was in SNC for TRC for federal monthly average zinc violation. Evolution Fresh and Western Metals Decorating both in Rancho Cucamonga were found to be in SNC for failure to provide reports on self-monitoring data within 45 days of the due date.

The Agency continues to see low concentrations of heavy metals and toxic organic compounds at the influent and effluent of all treatment plants. This is a result of continued efforts by IEUA and the Contracting Agencies in tracking, categorizing and regulation of industries, as well as escalation of enforcement activities and better operation of the wastewater pretreatment facilities of the industries. This has led to increased and more continuous industry compliance in the Agency's service area.

During Fiscal Year 2014/15, the pretreatment program has shown effectiveness in preventing pass through and interference at the treatment plants. Based upon the low levels of toxic pollutants in the discharges into and from the treatment plants

this year, it appears the pretreatment program is effectively controlling toxic pollutant discharges from industrial sources.

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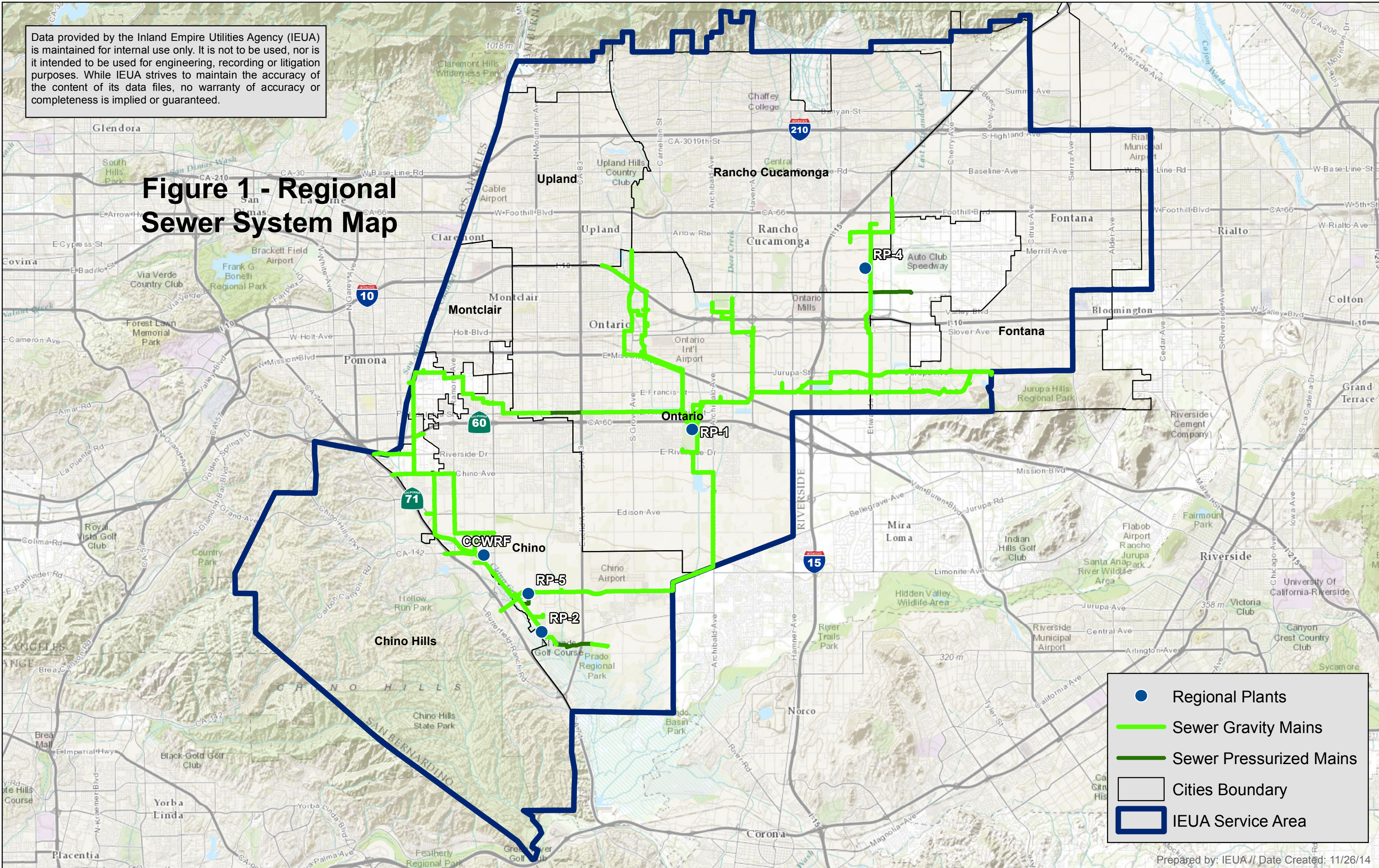
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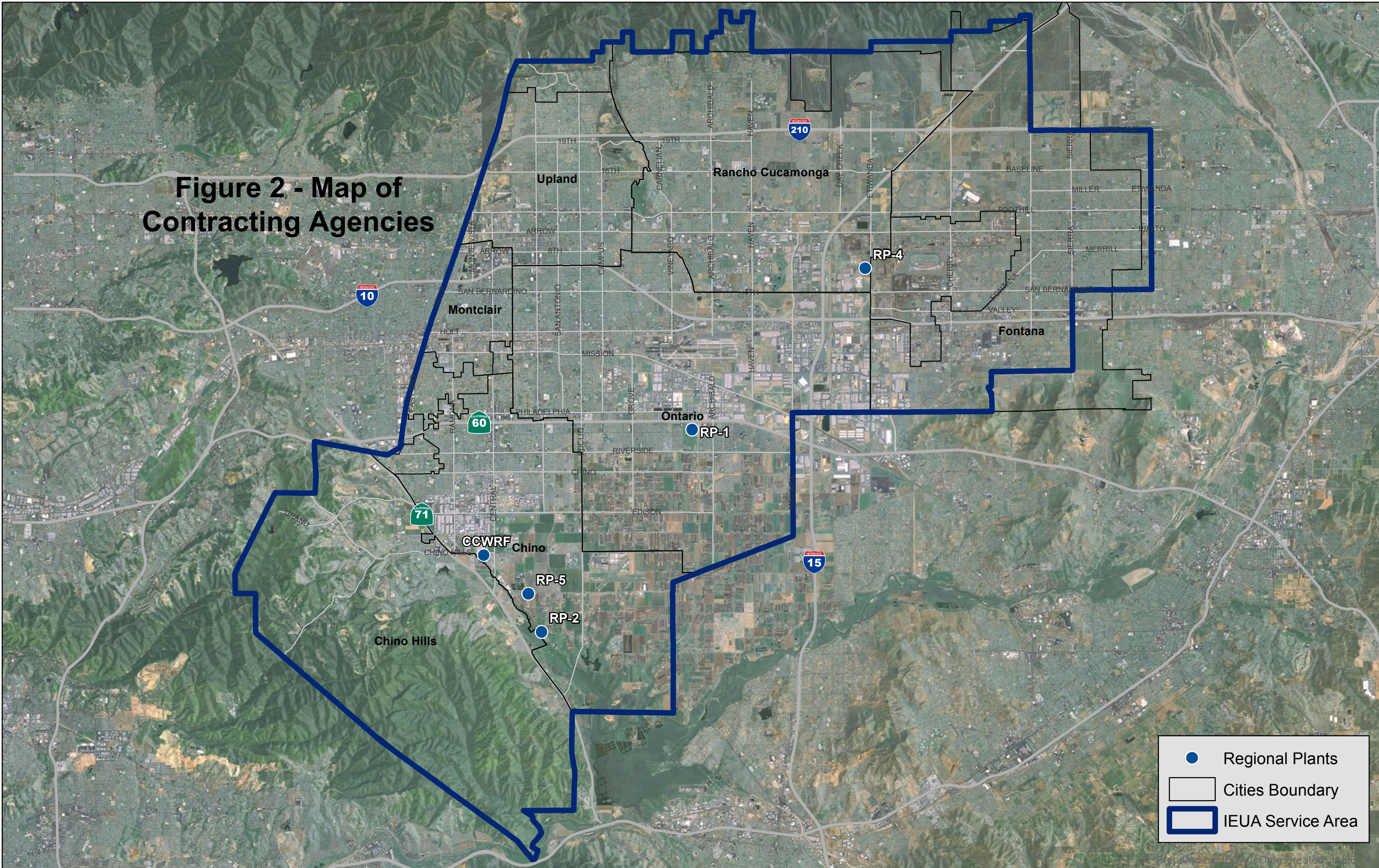
Figure 1 - Regional Sewer System Map






- Regional Plants
- Sewer Gravity Mains
- Sewer Pressurized Mains
- Cities Boundary
- IEUA Service Area

Prepared by: IEUA // Date Created: 11/26/14

Figure 2 - Map of Contracting Agencies



	Regional Plants
	Cities Boundary
	IEUA Service Area

Prepared by: IEUA // Date Created: 1/28

SECTION 1

RESULTS OF POTW SAMPLING AND ANALYSIS

The data presented in Tables 1 through 12 are submitted in fulfillment of the pretreatment reporting requirements listed in NPDES Permit No. CA8000409, Order No. R8-2009-0021.

Tables 1 through 4 summarize the results from the July 1, 2014 through June 30, 2015, sampling of the priority pollutants at Regional Water Recycling Plant Nos. 1 and 4. All constituents were below the detection limit in the effluent, with the exception of the following seven constituents: Bromodichloromethane, Chloroform, Chromium, Copper, Dibromochloromethane, Nickel, and Zinc. The sampling showed compliance with the limitations of the NPDES Permit.

Tables 5 through 8 summarize the results from the July 1, 2014 through June 30, 2015, sampling of the priority pollutants at Carbon Canyon Water Recycling Facility. All constituents were below the detection limit in the effluent, with the exception of the following eight constituents: Bromodichloromethane, Chloroform, Chromium, Copper, Dibromochloromethane, Diethyl Phthalate, Nickel, and Zinc. The sampling showed compliance with the limitations of the NPDES Permit.

Tables 9 through 12 summarize the results from the July 1, 2014 through June 30, 2015, sampling of the priority pollutants at Regional Water Recycling Plant No. 5. All constituents were below the detection limit in the effluent, with the exception of the following seven constituents: Bromodichloromethane, Chloroform, Chromium, Copper, Dibromochloromethane, Nickel, and Zinc. The sampling showed compliance with the limitations of the NPDES Permit.

Table 1 - Fiscal Year 2014/15 Priority Pollutant Analysis, Regional Water Recycling Facility No. 1 & Regional Water Recycling Facility No. 4 - Trace Metals

Trace Metals & CN (µg/L)	RP-1 Influent	RP-4 Influent	RP-1 Effluent	RP-1 & RP-4 Effluent
Antimony, Total Recoverable	<20	<20	<1	<1
Arsenic, Total Recoverable	<10	<10	<2	<2
Beryllium, Total Recoverable	<10	<10	<0.5	<0.5
Cadmium, Total Recoverable	<10	<10	<0.25	<0.25
Chromium, Total Recoverable	<10	<10	1.0	0.9
Copper, Total Recoverable	58	44	3.8	4.0
Cyanide, Aquatic Free	<2	<2	<2	<2
Lead, Total Recoverable	<20	<20	<0.5	<0.5
Mercury, Total Recoverable	<0.5	<0.5	<0.05	<0.05
Nickel, Total Recoverable	<10	<10	3	2
Selenium, Total Recoverable	<20	<20	<2	<2
Silver, Total Recoverable	<10	<10	<0.25	<0.25
Thallium, Total Recoverable	<50	<50	<1	<1
Zinc, Total Recoverable	168	140	24	24

Table 2 - Fiscal Year 2014/15 Priority Pollutant Analysis, Regional Water Recycling Facility No. 1 & Regional Water Recycling Facility No. 4 - EPA Method 624

Volatile Organics (EPA Method 624, µg/L)	RP-1 Influent M-INF 1A	RP-4 Influent M-INF 1B	RP-1 Effluent M-001B	RP-1 & RP-4 Effluent M-002A
1,1,1-Trichloroethane	<5	<5	<1	<1
1,1,2,2-Tetrachloroethane	<2.5	<2.5	<0.5	<0.5
1,1,2-Trichloroethane	<5	<5	<1	<1
1,1-Dichloroethane	<2.5	<2.5	<0.5	<0.5
1,1-Dichloroethene	<5	<5	<1	<1
1,2-Dichlorobenzene	<5	<5	<1	<1
1,2-Dichloroethane	<5	<5	<1	<1
1,2-Dichloropropane	<2.5	<2.5	<0.5	<0.5
1,3-Dichlorobenzene	<5	<5	<1	<1
1,4-Dichlorobenzene	<5	<5	<1	<1
2-Chloroethyl vinyl ether	<5	<5	<1	<1
Benzene	<5	<5	<1	<1
Bromodichloromethane	<5	<5	24	25
Bromoform	<5	<5	<1	<1
Bromomethane	<5	<5	<1	<1
Carbon tetrachloride	<5	<5	<1	<1
Chlorobenzene	<5	<5	<1	<1
Chloroethane	<5	<5	<1	<1
Chloroform	<5	<5	63	68
Chloromethane	<5	<5	<1	<1
cis-1,3-Dichloropropene	<5	<5	<1	<1
Dibromochloromethane	<5	<5	5	6
Ethylbenzene	<5	<5	<1	<1
Methylene chloride	<5	<5	<1	<1
Tetrachloroethene	<5	<5	<1	<1
Toluene	<5	<5	<1	<1
trans-1,2-Dichloroethene	<2.5	<2.5	<0.5	<0.5
trans-1,3-Dichloropropene	<5	<5	<1	<1
Trichloroethene	<5	<5	<1	<1
Trichlorofluoromethane	<10	<10	<2	<2
Vinyl chloride	<5	<5	<1	<1
Acrolein	<20	<20	<2	<2
Acrylonitrile	<20	<20	<2	<2

Table 3 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 1 & Regional Water Recycling Plant No. 4 - EPA Method 625

Base/Neutral & Acid Extractibles (EPA Method 625, µg/L)	RP-1 Influent M-INF 1A	RP-4 Influent M-INF 1B	RP-1 Effluent M-001B	RP-1 & RP-4 Effluent M-002A
1,2,4-Trichlorobenzene	<5	<5	<1	<1
2,4,6-Trichlorophenol	<5	<5	<1	<1
2,4-Dichlorophenol	<10	<10	<2	<2
2,4-Dimethylphenol	<5	<5	<1	<1
2,4-Dinitrophenol	<15	<15	<3	<3
2,4-Dinitrotoluene	<5	<5	<1	<1
2,6-Dinitrotoluene	<10	<10	<2	<2
2-Chloronaphthalene	<5	<5	<1	<1
2-Chlorophenol	<5	<5	<1	<1
2-Methyl-4,6-dinitrophenol	<10	<10	<2	<2
2-Nitrophenol	<5	<5	<1	<1
3,3-Dichlorobenzidine	<25	<25	<5	<5
4-Bromophenyl phenyl ether	<5	<5	<1	<1
4-Chloro-3-methylphenol	<5	<5	<1	<1
4-Chlorophenyl phenyl ether	<5	<5	<1	<1
4-Nitrophenol	<15	<15	<3	<3
Acenaphthene	<5	<5	<1	<1
Acenaphthylene	<5	<5	<1	<1
Anthracene	<5	<5	<1	<1
Azobenzene	<5	<5	<1	<1
Benzidine	<25	<25	<5	<5
Benzo(a)anthracene	<25	<25	<5	<5
Benzo(a)pyrene	<5	<5	<1	<1
Benzo(b)fluoranthene	<5	<5	<1	<1
Benzo(g,h,i)perylene	<10	<10	<2	<2
Benzo(k)fluoranthene	<5	<5	<1	<1
Bis(2-chloroethoxy)methane	<10	<10	<2	<2
Bis(2-chloroethyl)ether	<5	<5	<1	<1
Bis(2-chloroisopropyl)ether	<5	<5	<1	<1
Bis(2-ethylhexyl)phthalate	16	15	<2	<2
Butyl benzyl phthalate	<5	<5	<1	<1
Chrysene	<5	<5	<1	<1
Dibenzo(a,h)anthracene	<5	<5	<1	<1
Diethyl phthalate	<10	<10	<2	<2
Dimethyl phthalate	<5	<5	<1	<1
Di-n-butyl phthalate	<5	<5	<1	<1
Di-n-octyl phthalate	<5	<5	<1	<1
Fluoranthene	<5	<5	<1	<1
Fluorene	<5	<5	<1	<1

Table 3 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 1 & Regional Water Recycling Plant No. 4 - EPA Method 625

Base/Neutral & Acid Extractibles (EPA Method 625, µg/L)	RP-1 Influent M-INF 1A	RP-4 Influent M-INF 1B	RP-1 Effluent M-001B	RP-1 & RP-4 Effluent M-002A
Hexachlorobenzene	<5	<5	<1	<1
Hexachlorobutadiene	<5	<5	<1	<1
Hexachlorocyclopentadiene	<25	<25	<5	<5
Hexachloroethane	<5	<5	<1	<1
Indeno(1,2,3-cd)pyrene	<10	<10	<2	<2
Isophorone	<5	<5	<1	<1
Naphthalene	<5	<5	<1	<1
Nitrobenzene	<5	<5	<1	<1
N-Nitrosodimethylamine	<5	<5	<1	<1
N-Nitroso-di-n-propylamine	<5	<5	<1	<1
N-Nitrosodiphenylamine	<5	<5	<1	<1
Pentachlorophenol	<10	<10	<2	<2
Phenanthrene	<5	<5	<1	<1
Phenol	<5	<5	<1	<1
Pyrene	<5	<5	<1	<1

Table 4 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 1 & Regional Water Recycling Plant No. 4 - EPA Method 608

Pesticides (µg/L)	RP-1 Influent M-INF 1A	RP-4 Influent M-INF 1B	RP-1 Effluent M-001B	RP-1 & RP-4 Effluent M-002A
p,p'-DDD	<0.03	<0.03	<0.006	<0.006
p,p'-DDE	<0.03	<0.03	<0.006	<0.006
p,p'-DDT	<0.04	<0.04	<0.008	<0.008
Aldrin	<0.02	<0.02	<0.004	<0.004
BHC, alpha isomer	<0.04	<0.04	<0.008	<0.008
BHC, beta isomer	<0.025	<0.025	<0.005	<0.005
BHC, delta isomer	<0.035	<0.035	<0.007	<0.007
Dieldrin	<0.03	<0.03	<0.006	<0.006
Endosulfan I	<0.05	<0.05	<0.01	<0.01
Endosulfan II	<0.035	<0.04	<0.007	<0.007
Endosulfan Sulfate	<0.045	<0.045	<0.009	<0.009
Endrin	<0.045	<0.045	<0.009	<0.009
Endrin Aldehyde	<0.03	<0.03	<0.006	<0.006
BHC, gamma isomer	<0.05	<0.05	<0.01	<0.01
Heptachlor	<0.03	<0.03	<0.006	<0.006
Heptachlor epoxide	<0.035	<0.035	<0.007	<0.007
Chlordane	<0.5	<0.5	<0.1	<0.1
Aroclor 1016	<2.5	<2.5	<0.5	<0.5
Aroclor 1221	<2.5	<2.5	<0.5	<0.5
Aroclor 1232	<2.5	<2.5	<0.5	<0.5
Aroclor 1242	<2.5	<2.5	<0.5	<0.5
Aroclor 1248	<2.5	<2.5	<0.5	<0.5
Aroclor 1254	<2.5	<2.5	<0.5	<0.5
Aroclor 1260	<2.5	<2.5	<0.5	<0.5
Toxaphene	<2.5	<2.5	<0.5	<0.5

Table 5 - Fiscal Year 2014/15 Priority Pollutants Analysis, Carbon Canyon Water Recycling Facility - Trace Metals

Trace Metals & CN (µg/L)	CCWRF Influent M-INF 4	CCWRF Effluent M-004
Antimony, Total Recoverable	<20	<1
Arsenic, Total Recoverable	<10	<2
Beryllium, Total Recoverable	<10	<0.5
Cadmium, Total Recoverable	<10	<0.25
Chromium, Total Recoverable	<10	1.2
Copper, Total Recoverable	62	6.5
Cyanide, Aquatic Free	<2	<2
Lead, Total Recoverable	<20	<0.5
Mercury, Total Recoverable	<0.5	<0.05
Nickel, Total Recoverable	<10	3
Selenium, Total Recoverable	<20	<2
Silver, Total Recoverable	<10	<0.26
Thallium, Total Recoverable	<50	<1
Zinc, Total Recoverable	200	51

Table 6 - Fiscal Year 2014/15 Priority Pollutants Analysis, Carbon Canyon Water Recycling Facility - EPA Method 624

Volatile Organics (EPA Method 624, µg/L)	CCWRF Influent M-INF 4	CCWRF Effluent M-004
1,1,1-Trichloroethane	<5	<1
1,1,2,2-Tetrachloroethane	<3	<0.5
1,1,2-Trichloroethane	<5	<1
1,1-Dichloroethane	<3	<0.5
1,1-Dichloroethene	<5	<1
1,2-Dichlorobenzene	<5	<1
1,2-Dichloroethane	<5	<1
1,2-Dichloropropane	<2.5	<0.5
1,3-Dichlorobenzene	<5	<1
1,4-Dichlorobenzene	<5	<1
2-Chloroethyl vinyl ether	<5	<1
Benzene	<5	<1
Bromodichloromethane	<5	34
Bromoform	<5	<3
Bromomethane	<5	<1
Carbon tetrachloride	<5	<1
Chlorobenzene	<5	<1
Chloroethane	<5	<1
Chloroform	<5	40
Chloromethane	<5	<1
cis-1,3-Dichloropropene	<5	<1
Dibromochloromethane	<5	21
Ethylbenzene	<5	<1
Methylene chloride	<5	<1
Tetrachloroethene	<5	<1
Toluene	6	<1
trans-1,2-Dichloroethene	<2.5	<1
trans-1,3-Dichloropropene	<5	<1
Trichloroethene	<5	<1.0
Trichlorofluoromethane	<10	<2
Vinyl chloride	<5	<1
Acrolein	<20	<2
Acrolonitrile	<20	<2

Table 7 - Fiscal Year 2014/15 Priority Pollutants Analysis, Carbon Canyon Water Recycling Facility - EPA Method 625

Base/Neutral & Acid Extractibles (EPA Method 625, µg/L)	CCWRF Influent M-INF 4	CCWRF Effluent M-004
1,2,4-Trichlorobenzene	<5	<1
2,4,6-Trichlorophenol	<5	<1
2,4-Dichlorophenol	<10	<2
2,4-Dimethylphenol	<5	<1
2,4-Dinitrophenol	<15	<3
2,4-Dinitrotoluene	<5	<1
2,6-Dinitrotoluene	<10	<2
2-Chloronaphthalene	<5	<1
2-Chlorophenol	<5	<1
2-Methyl-4,6-dinitrophenol	<10	<2
2-Nitrophenol	<5	<1
3,3-Dichlorobenzidine	<25	<5
4-Bromophenyl phenyl ether	<5	<1
4-Chloro-3-methylphenol	<5	<1
4-Chlorophenyl phenyl ether	<5	<1
4-Nitrophenol	<15	<3
Acenaphthene	<5	<1
Acenaphthylene	<5	<1
Anthracene	<5	<1
Azobenzene	<5	<1
Benzidine	<25	<5
Benzo(a)anthracene	<25	<5
Benzo(a)pyrene	<5	<1
Benzo(b)fluoranthene	<5	<1
Benzo(g,h,i)perylene	<10	<2
Benzo(k)fluoranthene	<5	<1
Bis(2-chloroethoxy)methane	<10	<2
Bis(2-chloroethyl)ether	<5	<1
Bis(2-chloroisopropyl)ether	<5	<1
Bis(2-ethylhexyl)phthalate	17	<2
Butyl benzyl phthalate	<5	<1
Chrysene	<5	<1
Dibenzo(a,h)anthracene	<5	<1
Diethyl phthalate	<10	4
Dimethyl phthalate	<5	<1
Di-n-butyl phthalate	<5	<1
Di-n-octyl phthalate	<5	<1
Fluoranthene	<5	<1
Fluorene	<5	<1

Table 7 - Fiscal Year 2014/15 Priority Pollutants Analysis, Carbon Canyon Water Recycling Facility - EPA Method 625

Base/Neutral & Acid Extractibles (EPA Method 625, µg/L)	CCWRF Influent M-INF 4	CCWRF Effluent M-004
Hexachlorobenzene	<5	<1
Hexachlorobutadiene	<5	<1
Hexachlorocyclopentadiene	<25	<5
Hexachloroethane	<5	<1
Indeno(1,2,3-cd)pyrene	<10	<2
Isophorone	<5	<1
Naphthalene	<5	<1
Nitrobenzene	<5	<1
N-Nitrosodimethylamine	<5	<1
N-Nitroso-di-n-propylamine	<5	<1
N-Nitrosodiphenylamine	<5	<1
Pentachlorophenol	<10	<2
Phenanthrene	<5	<1
Phenol	<5	<1
Pyrene	<5	<1

Table 8 - Fiscal Year 2014/15 Priority Pollutants Analysis, Carbon Canyon Water Recycling Facility - EPA Method 608

Pesticides (µg/L)	CCWRF Influent M-INF 4	CCWRF Effluent M-004
p,p'-DDD	<0.03	<0.006
p,p'-DDE	<0.03	<0.006
p,p'-DDT	<0.04	<0.008
Aldrin	<0.02	<0.004
BHC, alpha isomer	<0.04	<0.008
BHC, beta isomer	<0.025	<0.005
BHC, delta isomer	<0.035	<0.007
Dieldrin	<0.03	<0.006
Endosulfan I	<0.05	<0.01
Endosulfan II	<0.035	<0.007
Endosulfan Sulfate	<0.045	<0.009
Endrin	<0.045	<0.009
Endrin Aldehyde	<0.03	<0.006
BHC, gamma (Lindane)	<0.05	<0.01
Heptachlor	<0.03	<0.006
Heptachlor epoxide	<0.035	<0.007
Chlordane	<0.5	<0.1
Aroclor 1016	<2.5	<0.5
Aroclor 1221	<2.5	<0.5
Aroclor 1232	<2.5	<0.5
Aroclor 1242	<2.5	<0.5
Aroclor 1248	<2.5	<0.5
Aroclor 1254	<2.5	<0.5
Aroclor 1260	<2.5	<0.5
Toxaphene	<2.5	<0.5

Table 9 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5

Trace Metals & CN (µg/L)	RP-5 Influent M-INF 3B	RP-2 Recycle Flow M-INF 3C	RP-2 Lift Station M-INF 3D	RP-5 Effluent M-003
Antimony, Total Recoverable	<20	<20	<20	<1
Arsenic, Total Recoverable	<10	<10	<10	<2
Beryllium, Total Recoverable	<10	<10	<10	<0.5
Cadmium, Total Recoverable	<10	<10	<10	<0.34
Chromium, Total Recoverable	<10	<10	<10	1.0
Copper, Total Recoverable	68	48	70	6.9
Cyanide, Aquatic Free	<2	<2	<2	<2
Lead, Total Recoverable	<20	<20	<20	<0.5
Mercury, Total Recoverable	<0.6	<0.5	<0.5	<0.05
Nickel, Total Recoverable	<10	<10	<10	3
Selenium, Total Recoverable	<20	<20	<20	<2
Silver, Total Recoverable	<10	<10	<10	<0.25
Thallium, Total Recoverable	<50	<50	<50	<1
Zinc, Total Recoverable	174	105	143	47

Table 10 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5 – EPA Method 624

Volatile Organics (EPA Method 624, µg/L)	RP-5 Influent M-INF 3B	RP-2 Recycle Flow M-INF 3C	RP-2 Lift Station M-INF 3D	RP-5 Effluent M-003
1,1,1-Trichloroethane	<5	<5	<5	<1
1,1,2,2-Tetrachloroethane	<2.5	<2.5	<2.5	<0.5
1,1,2-Trichloroethane	<5	<5	<5	<1
1,1-Dichloroethane	<2.5	<2.5	<2.5	<0.5
1,1-Dichloroethene	<5	<5	<5	<1
1,2-Dichlorobenzene	<5	<5	<5	<1
1,2-Dichloroethane	<5	<5	<5	<1
1,2-Dichloropropane	<2.5	<2.5	<2.5	<0.5
1,3-Dichlorobenzene	<5	<5	<5	<1
1,4-Dichlorobenzene	<5	<5	<5	<1
2-Chloroethyl vinyl ether	<5	<5	<5	<1
Benzene	<5	<5	<5	<1
Bromodichloromethane	<5	10	7	26
Bromoform	<5	<5	<5	<1
Bromomethane	<5	<5	<5	<1
Carbon tetrachloride	<5	<5	<5	<1
Chlorobenzene	<5	<5	<5	<1
Chloroethane	<5	<5	<5	<1
Chloroform	<5	39	39	64
Chloromethane	<5	<5	<5	<1
cis-1,3-Dichloropropene	<5	<5	<5	<1
Dibromochloromethane	<5	<5	<5	7
Ethylbenzene	<5	<5	<5	<1
Methylene chloride	<5	<5	<5	<1

Table 10 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5 – EPA Method 624

Volatile Organics (EPA Method 624, µg/L)	RP-5 Influent M-INF 3B	RP-2 Recycle Flow M-INF 3C	RP-2 Lift Station M-INF 3D	RP-5 Effluent M-003
Tetrachloroethene	<5	<5	<5	<1
Toluene	<5	<5	<5	<1
trans-1,2- Dichloroethene	<2.5	<2.5	<2.5	<0.5
trans-1,3- Dichloropropene	<5	<5	<5	<1
Trichloroethene	<5	<5	<5	<1
Trichlorofluoromethane	<10	<10	<10	<2
Vinyl chloride	<5	<5	<5	<1
Acrolein	<20	<20	<20	<2
Acrylonitrile	<20	<20	<20	<2

Table 11 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5 - EPA Method 625

Base/Neutral & Acid Extractibles (EPA Method 625, µg/L)	RP-5 Influent M-INF 3B	RP-2 Recycle Flow M-INF 3C	RP-2 Lift Station M-INF 3D	RP-5 Effluent M-003
1,2,4-Trichlorobenzene	<5	<5	<5	<1
2,4,6-Trichlorophenol	<5	<5	<5	<1
2,4-Dichlorophenol	<10	<10	<10	<2
2,4-Dimethylphenol	<5	<5	<5	<1
2,4-Dinitrophenol	<15	<15	<15	<3
2,4-Dinitrotoluene	<5	<5	<5	<1
2,6-Dinitrotoluene	<10	<10	<10	<2
2-Chloronaphthalene	<5	<5	<5	<1
2-Chlorophenol	<5	<5	<5	<1
2-Methyl-4,6-dinitrophenol	<10	<10	<10	<2
2-Nitrophenol	<5	<5	<5	<1
3,3-Dichlorobenzidine	<25	<25	<25	<5
4-Bromophenyl phenyl ether	<5	<5	<5	<1
4-Chloro-3-methylphenol	<5	<5	<5	<1
4-Chlorophenyl phenyl ether	<5	<5	<5	<1
4-Nitrophenol	<15	<15	<15	<3
Acenaphthene	<5	<5	<5	<1
Acenaphthylene	<5	<5	<5	<1
Anthracene	<5	<5	<5	<1
Azobenzene	<5	<5	<5	<1
Benzidine	<25	<25	<25	<5
Benzo(a)anthracene	<25	<25	<25	<5
Benzo(a)pyrene	<5	<5	<5	<1
Benzo(b)fluoranthene	<5	<5	<5	<1
Benzo(g,h,i)perylene	<10	<10	<10	<2

Table 11 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5 - EPA Method 625

Base/Neutral & Acid Extractibles (EPA Method 625, µg/L)	RP-5 Influent M-INF 3B	RP-2 Recycle Flow M-INF 3C	RP-2 Lift Station M-INF 3D	RP-5 Effluent M-003
Benzo(k)fluoranthene	<5	<5	<5	<1
Bis(2-chloroethoxy)methane	<10	<10	<10	<2
Bis(2-chloroethyl)ether	<5	<5	<5	<1
Bis(2-chloroisopropyl)ether	<5	<5	<5	<1
Bis(2-ethylhexyl)phthalate	14	<10	<10	<2
Butyl benzyl phthalate	<5	<5	<5	<1
Chrysene	<5	<5	<5	<1
Dibenzo(a,h)anthracene	<5	<5	<5	<1
Diethyl phthalate	<10	<10	<10	<2
Dimethyl phthalate	<5	<5	<5	<1
Di-n-butyl phthalate	<5	<5	<5	<1
Di-n-octyl phthalate	<5	<5	<5	<1
Fluoranthene	<5	<5	<5	<1
Fluorene	<5	<5	<5	<1
Hexachlorobenzene	<5	<5	<5	<1
Hexachlorobutadiene	<5	<5	<5	<1
Hexachlorocyclopentadiene	<25	<25	<25	<5
Hexachloroethane	<5	<5	<5	<1
Indeno(1,2,3-cd)pyrene	<10	<10	<10	<2
Isophorone	<5	<5	<5	<1
Naphthalene	<5	<5	<5	<1
Nitrobenzene	<5	<5	<5	<1
N-Nitrosodimethylamine	<5	<5	<5	<1
N-Nitroso-di-n-propylamine	<5	<5	<5	<1
N-Nitrosodiphenylamine	<5	<5	<5	<1
Pentachlorophenol	<10	<10	<10	<2

Table 11 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5 - EPA Method 625

Base/Neutral & Acid Extractibles (EPA Method 625, µg/L)	RP-5 Influent M-INF 3B	RP-2 Recycle Flow M-INF 3C	RP-2 Lift Station M-INF 3D	RP-5 Effluent M-003
Phenanthrene	<5	<5	<5	<1
Phenol	<5	<5	<5	<1
Pyrene	<5	<5	<5	<1

Table 12 - Fiscal Year 2014/15 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5 - EPA Method 608

Pesticides (µg/L)	RP-5 Influent M-INF 3B	RP-2 Recycle Flow M-INF 3C	RP-2 Lift Station M-INF 3D	RP-5 Effluent M-003
p,p'-DDD	<0.03	<0.03	<0.03	<0.006
p,p'-DDE	<0.03	<0.03	<0.03	<0.006
p,p'-DDT	<0.04	<0.04	<0.04	<0.008
Aldrin	<0.02	<0.02	<0.02	<0.004
BHC, alpha isomer	<0.04	<0.04	<0.04	<0.008
BHC, beta isomer	<0.025	<0.025	<0.025	<0.005
BHC, delta isomer	<0.035	<0.035	<0.035	<0.007
Dieldrin	<0.03	<0.03	<0.03	<0.006
Endosulfan I	<0.05	<0.05	<0.05	<0.01
Endosulfan II	<0.035	<0.035	<0.035	<0.007
Endosulfan Sulfate	<0.045	<0.045	<0.045	<0.009
Endrin	<0.045	<0.045	<0.045	<0.009
Endrin Aldehyde	<0.03	<0.03	<0.03	<0.006
BHC, gamma (Lindane)	<0.05	<0.05	<0.05	<0.01
Heptachlor	<0.03	<0.03	<0.03	<0.006
Heptachlor epoxide	<0.035	<0.035	<0.035	<0.007
Chlordane	<0.5	<0.5	<0.5	<0.1
Aroclor 1016	<2.5	<2.5	<2.5	<0.5
Aroclor 1221	<2.5	<2.5	<2.5	<0.5
Aroclor 1232	<2.5	<2.5	<2.5	<0.5
Aroclor 1242	<2.5	<2.5	<2.5	<0.5
Aroclor 1248	<2.5	<2.5	<2.5	<0.5
Aroclor 1254	<2.5	<2.5	<2.5	<0.5
Aroclor 1260	<2.5	<2.5	<2.5	<0.5
Toxaphene	<2.5	<2.5	<2.5	<0.5

SECTION 2

SUMMARY OF POTW OPERATIONS

There were no apparent upsets or interference as defined in 40 CFR 403.3 at Regional Water Recycling Plant No. 1, Regional Water Recycling Plant No. 4, Regional Water Recycling Plant No. 5, or the Carbon Canyon Water Recycling Facility.

The following is a summary of treatment plant NPDES permit exceedances and incidents during Monitoring Year 2014/15:

Water Recycling Facilities

During Monitoring Year 2014/15, Regional Water Recycling Facilities were in compliance with all NPDES permit limits. Thirteen chronic toxicity – reproduction tests (ten for M-001A two for M-002A, and one for M-004) of greater than 1.0 TUc were reported during the monitoring year.

Water Supply

During Monitoring Year 2014/15, the Agency-wide flow-weighted 12-month running average incremental TDS values met the 12-month running average incremental limit of 250 mg/L when the water supply TDS incremental values were calculated based on secondary effluent TDS. Additionally, the Agency-wide flow-weighted 12-month running average incremental TDS met the 250 mg/L limit during Monitoring Year 2014/15 when calculated based on final effluent TDS.

SECTION 3

CONTRACTING AGENCY COMPLIANCE WITH THE REGIONAL CONTRACT

The Regional Sewage Service Contract requires each Regional Contracting Agency (RCA) to adopt and enforce ordinances or resolutions establishing rules and regulations for the discharge of non-domestic waste into its community sewer system and to comply with the quality standards listed in the Contract.

In May 2006, the Regional Water Quality Control Board (RWQCB) approved the IEUA regional pretreatment program including approval of IEUA's revised Local Limits for its Significant Industrial Users (SIUs).

In June of 2014, IEUA hired a consultant to reevaluate IEUA's Local Limits in a formal study as the result of a 2012 Pretreatment Program Compliance Audit. The objective of this study was to develop logical, technically based, and defensible local limits that are effective, enforceable and applicable to all SIUs within the IEUA's service area. The draft local limits report was completed in July 2015 and sent to the RWQCB as required by 40 CFR 403.18 for review and approval.

To ensure adequate treatment plant protection, if one or more of the IEUA water recycling plants experiences high levels of a particular contaminant that places them in a potential state of noncompliance with its NPDES permit, IEUA and the RCAs cooperatively work to identify the source of the contaminant(s) through upstream tracking and site specific monitoring until the source is identified or the levels of the particular contaminant subside.

The RCAs remain responsible for maintaining their current Source Control Programs, including the "Fats, Oils, and Grease" Program as it relates to the contracting agencies Sewer System Management Plans (SSMP) and/or any activities to reduce the TDS from entering the IEUA water recycling plants.

SECTION 4

ANNUAL REPORTS OF CONTRACTING AGENCIES

2014/2015 PRETREATMENT ANNUAL REPORT

City of Chino

DENNIS R. YATES
Mayor

EUNICE M. ULLOA
Mayor Pro Tem



GLENN DUNCAN
EARL C. ELROD
TOM HAUGHEY
Council Members

MATTHEW C. BALLANTYNE
City Manager

CITY of CHINO

August 3, 2015

Mr. Craig Proctor
Inland Empire Utilities Agency
P. O. Box 9020
Chino Hills, CA 91709

Dear Mr. Proctor:

Subject: 2014/2015 Pretreatment Program Annual Report

Enclosed is the City of Chino's Pretreatment Program Annual Report for the period between July 1, 2014 and June 30, 2015.

I certify under penalty of law that this document and all enclosures 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.

If you have any questions regarding the contents of this report, please contact me at (909) 334-3423.

Sincerely,

Ruben Valdez
Environmental Coordinator

Enclosures

RV/djm



CITY OF CHINO
ANNUAL PRETREATMENT REPORT
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NA	SUMMARY OF PUBLIC EDUCATIONAL PARTICIPATION ACTIVITIES
NA	SUMMARY OF SIGNIFICANT CHANGES TO THE PRETREATMENT PROGRAM

Table 13

LIST OF SIGNIFICANT AND CATEGORICAL INDUSTRIAL USERS AND APPLICABLE PRETREATMENT STANDARDS

REPORTING PERIOD: JULY 1, 2014 TO JUNE 30, 2015

AGENCY: CITY OF CHINO

PERMIT NUMBER	INDUSTRIAL USER NAME AND ADDRESS	ADDITION/DELETION AND REASON	APPLICABLE FEDERAL CATEGORY AND STANDARD	LOCAL LIMITS MORE STRINGENT THAN FEDERAL
1095	American Beef Packers 13677 Yorba Avenue Chino, CA 91710	N/A	Although Meat Products 40 CFR 432 applies, no categorical discharge limits are published.	Not Applicable.
1093	Wing Lee Farms 13625 Yorba Ave. Chino, CA 91710	N/A	Although Meat Products 40 CFR 432 applies, no categorical discharge limits are published.	Not Applicable
1010	Scott Brothers Dairy 12000 East End Avenue Chino, CA 91710	N/A	Although Dairy Products Processing 40 CFR 405.24, 405.34, & 405.74 apply, no categorical discharge limits are published.	Not Applicable.
1002	State Circuit Boards, Inc. 13921 Oaks Avenue Chino, CA 91710 (Out of business effective 8-6-14)	N/A	Metal Finishing 40 CFR Part 433.17	No, Federal daily max limits and monthly average limits are more stringent.
1026	Envision Plastics 14312 Central Avenue Chino, CA 91710	N/A	Although 40 CFR 463.16 and 463.26 apply, no categorical discharge limits are published.	Not Applicable.

Table 14

SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS

REPORTING PERIOD: JULY 1, 2014 TO JUNE 30, 2015

AGENCY: City of Chino

PERMIT NUMBER	INDUSTRIAL USER NAME AND ADDRESS	TYPE OF PRETREATMENT	NUMBER OF SAMPLES TAKEN		TOMP* CERTIFICATION	NUMBER OF INSPECTIONS CONDUCTED
			IU	AGENCY		
1026	Envision Plastics 14312 Central Avenue Chino, CA 91710	Flow equalization, Dissolved Air Flotation, Solids Dewatering	0	4	Not Required	2
1095	American Beef Packers, Inc. 13677 Yorba Avenue Chino, CA 91710	Flow Equalization, Filtration, Clarification, Dissolved Air Flotation and Source Control	0	8	Not Required	2
1093	Wing Lee Farms 13625 Yorba Avenue Chino, CA 91710	Clarification	0	4	Not Required	2
1010	Scott Brothers Dairy 12000 East End Avenue Chino, CA 91710	Dissolved Air Flotation, Solids Dewatering, pH adjustment, flow equalization	5	26	Not Required	2
1002	State Circuit Boards, Inc. 13921 Oaks Avenue Chino, CA 91710 (Business Closed 8-8-15)	Source Control, filtration (DE filter)	0	0	N/A (out of business)	1

*TOMP = Toxic Organic Management Plan. A TOMP is submitted by a CIU in lieu of TTO monitoring.

Table 15

SIGNIFICANT INDUSTRIAL USER VIOLATIONS AND APPLICABLE ENFORCEMENT ACTIONS
REPORTING PERIOD: JULY 1, 2014 TO JUNE 30, 2015

AGENCY: City of Chino

PERMIT NUMBER	INDUSTRIAL USER NAME/ADDRESS	STANDARDS VIOLATED		SNC YES/NO	SUMMARY OF ENFORCEMENT ACTIONS PROPOSED OR TAKEN	COMPLIANCE DATE	AMOUNT OF FINES THIS YEAR
		FEDERAL	LOCAL				
1002	State Circuit Boards 13921 Oaks Ave. Chino, CA 91710	Copper	None	Yes	9-13-14 State Circuit Boards was published as SNC due to the copper violations in FY 13/14. (Out of business August 2014)	N/A	0
1026	Envision Plastics 14312 Central Ave. Chino, CA 91710	None	None	No	No enforcement taken FY 14-15	N/A	0
1010	Scott Bros. Dairy 1200 East End Ave. Chino, CA 91710	None	None	No	Notice of Non-Compliance was issued for exceeding the Maximum Daily Discharge Limit on 8-29-14. Notices of Non-Compliance were issued for exceeding the TDS effluent limit on the following dates: 9-9-14, 9-10-14, 9-11-14, 11-6-14, 4-14-15, 5-7-15, 5-14-15, 5-21-15, and 5-28-15 Industry will be published SNC for violations during Oct-Dec 2014	N/A	0
1095	American Beef Packers, Inc. 13677 Yorba Avenue Chino, Ca 91710	None	None	No	2-11-15 A Notice of Non-Compliance was issued for exceeding TDS limit on 1-13-15. 2-23-15 Notice of Non-Compliance was issued for inadequate secondary containment and floor drain in the chemical storage area.	N/A	0

Table 15

SIGNIFICANT INDUSTRIAL USER VIOLATIONS AND APPLICABLE ENFORCEMENT ACTIONS REPORTING PERIOD: JULY 1, 2014 TO JUNE 30, 2015

PERMIT NUMBER	INDUSTRIAL USER NAME/ADDRESS	STANDARDS VIOLATED		SNC YES/NO	SUMMARY OF ENFORCEMENT ACTIONS PROPOSED OR TAKEN	COMPLIANCE DATE	AMOUNT OF FINES THIS YEAR
		FEDERAL	LOCAL				
1093	Wing Lee Farms 13625 Yorba Avenue Chino, Ca 91710	None	None	No	<p>2-18-15 Notice of Non-Compliance was issued for exceeding the Maximum Daily Discharge Limit during the month of January.</p> <p>4-22-15 Compliance Meeting was conducted due to several Notices of Non-Compliance issued for improperly functioning grease interceptor.</p>	N/A	0

Table 16
COMPLIANCE SUMMARY OF SIGNIFICANT AND CATEGORICAL
INDUSTRIAL USERS

REPORTING PERIOD: JULY 1, 2014 TO JUNE 30, 2015

AGENCY: CITY OF CHINO

Number of Significant and Categorical Industrial Users in Significant Non—Compliance* with Pretreatment Standards.	1
Number of Notices of Non-Compliance and Administrative Orders issued to Significant and Categorical Industrial Users.	15
Number of Civil and Criminal Judicial Actions filed against Significant and Categorical Industrial Users.	0
Number of Significant and Categorical Industrial Users published for Significant Non—Compliance	1
Number of Significant and Categorical Industrial Users where penalties were collected.	0

* Significant Non—Compliance as defined in 40 CFR 403.8

SUMMARY OF PRETREATMENT PROGRAM BUDGET

REPORTING PERIOD: JULY 1, 2014 TO JUNE 30, 2015

AGENCY: CITY OF CHINO

2014-15 PERSONNEL SERVICES	
TOTAL	\$363,839

2014-15 MAINTENANCE AND OPERATIONS	
TOTAL	\$22,000

2014-15 ALLOCATED SERVICES	
TOTAL	\$123,922

2014-15 TOTAL PROGRAM BUDGET	
TOTAL	\$509,761

SUMMARY OF PRETREATMENT PROGRAM EQUIPMENT PURCHASES

REPORTING PERIOD: JULY 1, 2014 TO JUNE 30, 2015

AGENCY: CITY OF CHINO

THIS REPORTING YEAR	
EQUIPMENT:	COST (\$)
Handheld portable pH/Temp. Meter 1-8-15	190.99
CURRENT EQUIPMENT INVENTORY	
<ol style="list-style-type: none">1. Utility truck for field work2. Computers (2)3. Microsoft database program4. Ice machine5. Sampler preparation equipment (1 double sink)6. Ultrasonic Portable Flow Meter (Model 4210)7. Digital Camera Sony DSC-W310	

SUMMARY OF PUBLIC PARTICIPATION ACTIVITIES

REPORTING PERIOD: JULY 1, 2014 TO JUNE 30, 2015

AGENCY: CITY OF CHINO

Throughout the year, the City distributed educational and promotional materials describing used oil recycling programs, household hazardous waste programs, and the proper method for pesticide disposal. The City of Chino also participated in a regional storm water pollution prevention program. Pollution prevention information was advertised in local newspaper ads. The City of Chino provided used oil-recycling containers to the public.

Throughout the year, the City operated a Household Hazardous Waste Collection Facility for the purpose of collecting hazardous household generated waste, Universal waste, and e-waste for proper disposal.

The City of Chino website has a section on Environmental Services that includes information on permitting industrial wastewater discharges, hazardous waste, refuse and recycling, and stormwater pollution prevention.

SUMMARY OF SIGNIFICANT CHANGES TO THE PRETREATMENT PROGRAM

REPORTING PERIOD: JULY 1, 2014 TO JUNE 30, 2015

AGENCY: CITY OF CHINO

Part-time Environmental Technician position was filled as a full time position beginning July 1, 2014. City staff requested the recruitment of an additional Environmental Technician to assist in the implementation of the environmental engineering programs. A new part time position will be added during fiscal year 2015/2016.

2014/2015 INDUSTRY MONITORING DATA

City of Chino



Inland Empire Utilities Agency Pretreatment & Source Control Program Laboratory Analysis Summary

Sample Date: Jul 1 2014 - Jun 30 2015

Permittee: **American Beef Packers, Inc. - Monitoring Point 001**

Permit No: 1095

9/10/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/9/2014	1409144	IEUA	C	Ag	< 0.02	mg/L		
9/10/2014	1409145	IEUA	C	Ag	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Ag	< 0.01	mg/L		
9/9/2014	1409144	IEUA	C	Al	0	µg/L		
9/10/2014	1409145	IEUA	C	Al	0	µg/L		
9/11/2014	1409159	IEUA	C	Al	< 0	µg/L		
9/9/2014	1409144	IEUA	C	As	< 0.02	mg/L		
9/10/2014	1409145	IEUA	C	As	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	As	< 0.01	mg/L		
9/9/2014	1409144	IEUA	C	B	0.3	mg/L		
9/10/2014	1409145	IEUA	C	B	0.3	mg/L		
9/11/2014	1409159	IEUA	C	B	0.2	mg/L		
9/9/2014	1409144	IEUA	C	Ba	0.07	mg/L		
9/10/2014	1409145	IEUA	C	Ba	0.07	mg/L		
9/11/2014	1409159	IEUA	C	Ba	0.05	mg/L		
9/9/2014	1409144	IEUA	C	Be	< 0.02	µg/L		
9/10/2014	1409145	IEUA	C	Be	< 0.02	µg/L		
9/11/2014	1409159	IEUA	C	Be	< 0.01	µg/L		
7/15/2014	WAL 14070154	CITY	C	BOD5	738	mg/L		
9/9/2014	1409144	IEUA	C	BOD5	1260	mg/L		
9/10/2014	1409145	IEUA	C	BOD5	1100	mg/L		
9/11/2014	1409159	IEUA	C	BOD5	330	mg/L		
10/14/2014	14100165	CITY	C	BOD5	840	mg/L		
1/13/2015	WAL 15010102	CITY	C	BOD5	960	mg/L		

Key to Result Flags

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4/10/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
4/14/2015	WAL 15040190	CITY	C	BOD5	410	mg/L			
9/9/2014	1409144	IEUA	C	Ca	45	mg/L			
9/10/2014	1409145	IEUA	C	Ca	42	mg/L			
9/11/2014	1409159	IEUA	C	Ca	32	mg/L			
9/9/2014	1409144	IEUA	C	Cd	< 0.02	mg/L			2.8
9/10/2014	1409145	IEUA	C	Cd	< 0.02	mg/L			2.8
9/11/2014	1409159	IEUA	C	Cd	< 0.01	mg/L			2.8
9/9/2014	1409144	IEUA	C	Cl	164	mg/L			
9/10/2014	1409145	IEUA	C	Cl	157	mg/L			
9/11/2014	1409159	IEUA	C	Cl	128	mg/L			
9/9/2014	1409144	IEUA	G	CN, Aquatic Free	5	µg/L			
9/10/2014	1409145	IEUA	G	CN, Aquatic Free	2	µg/L			
9/11/2014	1409159	IEUA	G	CN, Aquatic Free	< 2	µg/L			
9/9/2014	1409144	IEUA	G	CN, Total	0.047	mg/L			
9/10/2014	1409145	IEUA	G	CN, Total	0.017	mg/L			
9/11/2014	1409159	IEUA	G	CN, Total	0.005	mg/L			
9/9/2014	1409144	IEUA	C	Co	< 0.02	mg/L			
9/10/2014	1409145	IEUA	C	Co	< 0.02	mg/L			
9/11/2014	1409159	IEUA	C	Co	< 0.01	mg/L			
9/9/2014	1409144	IEUA	C	Cr	< 0.02	mg/L			60
9/10/2014	1409145	IEUA	C	Cr	< 0.02	mg/L			60
9/11/2014	1409159	IEUA	C	Cr	< 0.01	mg/L			60
9/9/2014	1409144	IEUA	C	Cu	< 0.04	mg/L			45
9/10/2014	1409145	IEUA	C	Cu	< 0.04	mg/L			45
9/11/2014	1409159	IEUA	C	Cu	< 0.02	mg/L			45
9/9/2014	1409144	IEUA	Field	DS	<0.1	mg/L			
9/10/2014	1409145	IEUA	Field	DS	<0.1	mg/L			
9/11/2014	1409159	IEUA	Field	DS	<0.1	mg/L			

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
9/9/2014	1409144	IEUA	C	Fe	1.75	mg/L			
9/10/2014	1409145	IEUA	C	Fe	1.34	mg/L			
9/11/2014	1409159	IEUA	C	Fe	0.65	mg/L			
7/15/2014	WAL 14070154	CITY	Metered	Flow-T	260200	gpd			414000
10/14/2014	14100165	CITY	Metered	Flow-T	363600	gpd			414000
1/13/2015	WAL 15010102	CITY	Metered	Flow-T	323600	gpd			414000
4/14/2015	WAL 15040190	CITY	Metered	Flow-T	221000	gpd			414000
9/9/2014	1409144	IEUA	C	Hg	< 0.0010	mg/L			
9/10/2014	1409145	IEUA	C	Hg	< 0.0010	mg/L			
9/11/2014	1409159	IEUA	C	Hg	< 0.0005	mg/L			
9/9/2014	1409144	IEUA	C	K	54	mg/L			
9/10/2014	1409145	IEUA	C	K	49	mg/L			
9/11/2014	1409159	IEUA	C	K	28	mg/L			
9/9/2014	1409144	IEUA	C	Mg	17.2	mg/L			
9/10/2014	1409145	IEUA	C	Mg	18.2	mg/L			
9/11/2014	1409159	IEUA	C	Mg	13.0	mg/L			
9/9/2014	1409144	IEUA	C	Mn	0.15	mg/L			
9/10/2014	1409145	IEUA	C	Mn	0.19	mg/L			
9/11/2014	1409159	IEUA	C	Mn	0.11	mg/L			
9/9/2014	1409144	IEUA	C	Mo	< 0.02	mg/L			
9/10/2014	1409145	IEUA	C	Mo	< 0.02	mg/L			
9/11/2014	1409159	IEUA	C	Mo	< 0.01	mg/L			
9/9/2014	1409144	IEUA	C	Na	190	mg/L			
9/10/2014	1409145	IEUA	C	Na	191	mg/L			
9/11/2014	1409159	IEUA	C	Na	136	mg/L			
9/9/2014	1409144	IEUA	C	NH3-N	57.9	mg/L			
9/10/2014	1409145	IEUA	C	NH3-N	56.4	mg/L			
9/11/2014	1409159	IEUA	C	NH3-N	42.6	mg/L			

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/9/2014	1409144	IEUA	C	Ni	< 0.02	mg/L		45
9/10/2014	1409145	IEUA	C	Ni	< 0.02	mg/L		45
9/11/2014	1409159	IEUA	C	Ni	< 0.01	mg/L		45
9/9/2014	1409144	IEUA	C	NO2-N	0.41	mg/L		
9/10/2014	1409145	IEUA	C	NO2-N	0.11	mg/L		
9/11/2014	1409159	IEUA	C	NO2-N	2.71	mg/L		
9/9/2014	1409144	IEUA	C	NO3-N	2.5	mg/L		
9/10/2014	1409145	IEUA	C	NO3-N	< 0.1	mg/L		
9/11/2014	1409159	IEUA	C	NO3-N	0.9	mg/L		
7/15/2014	WAL 14070154	CITY	G	Oil and Grease, Total	28	mg/L		
10/14/2014	14100165	CITY	G	Oil and Grease, Total	67	mg/L		
1/13/2015	WAL 15010102	CITY	G	Oil and Grease, Total	12	mg/L		
4/14/2015	WAL 15040190	CITY	G	Oil and Grease, Total	70	mg/L		
9/9/2014	1409144	IEUA	C	Pb	< 0.04	mg/L		14
9/10/2014	1409145	IEUA	C	Pb	< 0.04	mg/L		14
9/11/2014	1409159	IEUA	C	Pb	< 0.02	mg/L		14
7/15/2014	WAL 14070154	CITY	Field	pH	7.5	pH Units		5-12.5
9/9/2014	1409144	IEUA	Field	pH	6.51	pH Units		5-12.5
9/10/2014	1409145	IEUA	Field	pH	6.42	pH Units		5-12.5
9/11/2014	1409159	IEUA	Field	pH	6.55	pH Units		5-12.5
10/14/2014	14100165	CITY	Field	pH	7.5	pH Units		5-12.5
1/13/2015	WAL 15010102	CITY	Field	pH	7.4	pH Units		5-12.5
4/14/2015	WAL 15040190	CITY	Field	pH	6.8	pH Units		5-12.5
9/9/2014	1409144	IEUA	C	Sb	< 0.04	µg/L		
9/10/2014	1409145	IEUA	C	Sb	< 0.04	µg/L		
9/11/2014	1409159	IEUA	C	Sb	< 0.02	µg/L		
9/9/2014	1409144	IEUA	C	Se	< 0.04	mg/L		
9/10/2014	1409145	IEUA	C	Se	< 0.04	mg/L		

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09/17/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
9/11/2014	1409159	IEUA	C	Se	< 0.02	mg/L			
9/9/2014	1409144	IEUA	C	Si	10.3	mg/L			
9/10/2014	1409145	IEUA	C	Si	11.9	mg/L			
9/11/2014	1409159	IEUA	C	Si	9.2	mg/L			
9/9/2014	1409144	IEUA	C	SO4	60	mg/L			
9/10/2014	1409145	IEUA	C	SO4	54	mg/L			
9/11/2014	1409159	IEUA	C	SO4	54	mg/L			
7/15/2014	WAL 14070154	CITY	C	TDS	1050	mg/L			
9/9/2014	1409144	IEUA	C	TDS	1220	mg/L			
9/10/2014	1409145	IEUA	C	TDS	975	mg/L			
9/11/2014	1409159	IEUA	C	TDS	715	mg/L			
10/14/2014	14100165	CITY	C	TDS	571	mg/L			
1/13/2015	WAL 15010102	CITY	C	TDS	1555	mg/L			
4/14/2015	WAL 15040190	CITY	C	TDS	846	mg/L			
7/15/2014	WAL 14070154	CITY	C	TDS, Fixed	333	mg/L			800
9/9/2014	1409144	IEUA	C	TDS, Fixed	695	mg/L			800
9/10/2014	1409145	IEUA	C	TDS, Fixed	615	mg/L			800
9/11/2014	1409159	IEUA	C	TDS, Fixed	555	mg/L			800
10/14/2014	14100165	CITY	C	TDS, Fixed	389	mg/L			800
1/13/2015	WAL 15010102	CITY	C	TDS, Fixed	885	mg/L	NC		800
2/5/2015	WAL 15020022	NC sample	C	TDS, Fixed	223	mg/L			800
2/12/2015	WAL 15020102	NC sample	C	TDS, Fixed	400	mg/L			800
2/19/2015	WAL 15020182	NC sample	C	TDS, Fixed	176	mg/L			800
2/26/2015	WAL 15020300	NC sample	C	TDS, Fixed	585	mg/L			800
4/14/2015	WAL 15040190	CITY	C	TDS, Fixed	592	mg/L			800
9/9/2014	1409144	IEUA	Field	Temp	30.5	°C			
9/10/2014	1409145	IEUA	Field	Temp	30.9	°C			
9/11/2014	1409159	IEUA	Field	Temp	29.4	°C			

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<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
9/9/2014	1409144	IEUA	C	TI	< 0.10	µg/L		
9/10/2014	1409145	IEUA	C	TI	< 0.10	µg/L		
9/11/2014	1409159	IEUA	C	TI	< 0.05	µg/L		
9/9/2014	1409144	IEUA	Field	TS	<0.1	mg/L		
9/10/2014	1409145	IEUA	Field	TS	0.1	mg/L		
9/11/2014	1409159	IEUA	Field	TS	<0.1	mg/L		
7/15/2014	WAL 14070154	CITY	C	TSS	337	mg/L		
9/9/2014	1409144	IEUA	C	TSS	480	mg/L		
9/10/2014	1409145	IEUA	C	TSS	440	mg/L		
9/11/2014	1409159	IEUA	C	TSS	186	mg/L		
10/14/2014	14100165	CITY	C	TSS	850	mg/L		
1/13/2015	WAL 15010102	CITY	C	TSS	535	mg/L		
4/14/2015	WAL 15040190	CITY	C	TSS	176	mg/L		
9/9/2014	1409144	IEUA	C	Zn	0.13	mg/L		50
9/10/2014	1409145	IEUA	C	Zn	0.12	mg/L		50
9/11/2014	1409159	IEUA	C	Zn	0.13	mg/L		50

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/9/2014	1409144	IEUA	C	Ag	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Ag	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	Ag	< 0.02	mg/L		
9/9/2014	1409144	IEUA	C	Al	8.19	µg/L		
9/10/2014	1409145	IEUA	C	Al	23.6	µg/L		
9/11/2014	1409159	IEUA	C	Al	< 0	µg/L		
9/9/2014	1409144	IEUA	C	As	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	As	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	As	< 0.02	mg/L		
9/9/2014	1409144	IEUA	C	B	0.5	mg/L		
9/10/2014	1409145	IEUA	C	B	0.4	mg/L		
9/11/2014	1409159	IEUA	C	B	0.5	mg/L		
9/9/2014	1409144	IEUA	C	Ba	0.14	mg/L		
9/10/2014	1409145	IEUA	C	Ba	0.27	mg/L		
9/11/2014	1409159	IEUA	C	Ba	0.22	mg/L		
9/9/2014	1409144	IEUA	C	Be	< 0.01	µg/L		
9/10/2014	1409145	IEUA	C	Be	< 0.02	µg/L		
9/11/2014	1409159	IEUA	C	Be	< 0.02	µg/L		
7/22/2014	WAL 14070235	CITY	C	BOD5	72	mg/L		
9/9/2014	1409144	IEUA	C	BOD5	368	mg/L		
9/10/2014	1409145	IEUA	C	BOD5	712	mg/L		
9/11/2014	1409159	IEUA	C	BOD5	930	mg/L		
10/21/2014	WAL 14100251	CITY	C	BOD5	2290	mg/L		
1/20/2015	WAL 15010198	CITY	C	BOD5	2030	mg/L		
4/21/2015	WAL 15040266	CITY	C	BOD5	340	mg/L		
9/9/2014	1409144	IEUA	C	Ca	97	mg/L		
9/10/2014	1409145	IEUA	C	Ca	134	mg/L		
9/11/2014	1409159	IEUA	C	Ca	144	mg/L		

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/9/2014	1409144	IEUA	C	Cd	< 0.01	mg/L		2.8
9/10/2014	1409145	IEUA	C	Cd	< 0.02	mg/L		2.8
9/11/2014	1409159	IEUA	C	Cd	< 0.02	mg/L		2.8
9/9/2014	1409144	IEUA	C	Cl	132	mg/L		
9/10/2014	1409145	IEUA	C	Cl	125	mg/L		
9/11/2014	1409159	IEUA	C	Cl	135	mg/L		
9/9/2014	1409144	IEUA	G	CN, Aquatic Free	< 2	µg/L		
9/10/2014	1409145	IEUA	G	CN, Aquatic Free	< 2	µg/L		
9/11/2014	1409159	IEUA	G	CN, Aquatic Free	< 2	µg/L		
9/9/2014	1409144	IEUA	G	CN, Total	0.007	mg/L		
9/10/2014	1409145	IEUA	G	CN, Total	< 0.010	mg/L		
9/11/2014	1409159	IEUA	G	CN, Total	0.006	mg/L		
9/9/2014	1409144	IEUA	C	Co	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Co	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	Co	< 0.02	mg/L		
9/9/2014	1409144	IEUA	C	Cr	0.02	mg/L		60
9/10/2014	1409145	IEUA	C	Cr	0.05	mg/L		60
9/11/2014	1409159	IEUA	C	Cr	0.04	mg/L		60
9/9/2014	1409144	IEUA	C	Cu	0.12	mg/L		45
9/10/2014	1409145	IEUA	C	Cu	0.24	mg/L		45
9/11/2014	1409159	IEUA	C	Cu	0.16	mg/L		45
9/9/2014	1409144	IEUA	Field	DS	<0.1	mg/L		
9/10/2014	1409145	IEUA	Field	DS	<0.1	mg/L		
9/11/2014	1409159	IEUA	Field	DS	<0.1	mg/L		
9/9/2014	1409144	IEUA	C	Fe	6.68	mg/L		
9/10/2014	1409145	IEUA	C	Fe	12.8	mg/L		
9/11/2014	1409159	IEUA	C	Fe	9.76	mg/L		
9/9/2014	1409144	IEUA	C	Hg	0.0010	mg/L		

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09/20/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily
9/10/2014	1409145	IEUA	C	Hg	0.0015	mg/L		
9/11/2014	1409159	IEUA	C	Hg	0.0011	mg/L		
9/9/2014	1409144	IEUA	C	K	17	mg/L		
9/10/2014	1409145	IEUA	C	K	18	mg/L		
9/11/2014	1409159	IEUA	C	K	22	mg/L		
9/9/2014	1409144	IEUA	C	Mg	14.9	mg/L		
9/10/2014	1409145	IEUA	C	Mg	17.1	mg/L		
9/11/2014	1409159	IEUA	C	Mg	16.9	mg/L		
9/9/2014	1409144	IEUA	C	Mn	0.20	mg/L		
9/10/2014	1409145	IEUA	C	Mn	0.24	mg/L		
9/11/2014	1409159	IEUA	C	Mn	0.22	mg/L		
9/9/2014	1409144	IEUA	C	Mo	0.01	mg/L		
9/10/2014	1409145	IEUA	C	Mo	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	Mo	0.02	mg/L		
9/9/2014	1409144	IEUA	C	Na	62	mg/L		
9/10/2014	1409145	IEUA	C	Na	60	mg/L		
9/11/2014	1409159	IEUA	C	Na	75	mg/L		
9/9/2014	1409144	IEUA	C	NH3-N	2.2	mg/L		
9/10/2014	1409145	IEUA	C	NH3-N	0.9	mg/L		
9/11/2014	1409159	IEUA	C	NH3-N	0.9	mg/L		
9/9/2014	1409144	IEUA	C	Ni	0.02	mg/L		45
9/10/2014	1409145	IEUA	C	Ni	0.03	mg/L		45
9/11/2014	1409159	IEUA	C	Ni	0.02	mg/L		45
9/9/2014	1409144	IEUA	C	NO2-N	<0.02	mg/L		
9/10/2014	1409145	IEUA	C	NO2-N	<0.02	mg/L		
9/11/2014	1409159	IEUA	C	NO2-N	0.49	mg/L		
9/9/2014	1409144	IEUA	C	NO3-N	1.0	mg/L		
9/10/2014	1409145	IEUA	C	NO3-N	< 0.1	mg/L		

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07/12/2014

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
9/11/2014	1409159	IEUA	C	NO3-N	0.1	mg/L		
7/22/2014	WAL 14070235	CITY	G	Oil and Grease, Total	53	mg/L		
10/21/2014	WAL 14100251	CITY	G	Oil and Grease, Total	257	mg/L		
1/20/2015	WAL 15010198	CITY	G	Oil and Grease, Total	80	mg/L		
4/21/2015	WAL 15040266	CITY	G	Oil and Grease, Total	10	mg/L		
9/9/2014	1409144	IEUA	C	Pb	0.06	mg/L		14
9/10/2014	1409145	IEUA	C	Pb	0.11	mg/L		14
9/11/2014	1409159	IEUA	C	Pb	0.06	mg/L		14
7/22/2014	WAL 14070235	CITY	Field	pH	8.2	pH Units		5-12.5
9/9/2014	1409144	IEUA	Field	pH	6.9	pH Units		5-12.5
9/10/2014	1409145	IEUA	Field	pH	6.50	pH Units		5-12.5
9/11/2014	1409159	IEUA	Field	pH	6.41	pH Units		5-12.5
10/21/2014	WAL 14100251	CITY	Field	pH	7.0	pH Units		5-12.5
1/20/2015	WAL 15010198	CITY	Field	pH	7.3	pH Units		5-12.5
4/21/2015	WAL 15040266	CITY	Field	pH	7.3	pH Units		5-12.5
9/9/2014	1409144	IEUA	C	Sb	< 0.02	µg/L		
9/10/2014	1409145	IEUA	C	Sb	< 0.04	µg/L		
9/11/2014	1409159	IEUA	C	Sb	< 0.04	µg/L		
9/9/2014	1409144	IEUA	C	Se	< 0.02	mg/L		
9/10/2014	1409145	IEUA	C	Se	< 0.04	mg/L		
9/11/2014	1409159	IEUA	C	Se	< 0.04	mg/L		
9/9/2014	1409144	IEUA	C	Si	10.7	mg/L		
9/10/2014	1409145	IEUA	C	Si	15.4	mg/L		
9/11/2014	1409159	IEUA	C	Si	15.8	mg/L		
9/9/2014	1409144	IEUA	C	SO4	51	mg/L		
9/10/2014	1409145	IEUA	C	SO4	36	mg/L		
9/11/2014	1409159	IEUA	C	SO4	40	mg/L		
9/9/2014	1409144	IEUA	C	TDS	626	mg/L		

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
9/10/2014	1409145	IEUA	C	TDS	644	mg/L			
9/11/2014	1409159	IEUA	C	TDS	776	mg/L			
7/22/2014	WAL 14070235	CITY	C	TDS, Fixed	52	mg/L		800	
9/9/2014	1409144	IEUA	C	TDS, Fixed	462	mg/L		800	
9/10/2014	1409145	IEUA	C	TDS, Fixed	452	mg/L		800	
9/11/2014	1409159	IEUA	C	TDS, Fixed	538	mg/L		800	
10/21/2014	WAL 14100251	CITY	C	TDS, Fixed	627	mg/L		800	
1/20/2015	WAL 15010198	CITY	C	TDS, Fixed	556	mg/L		800	
4/21/2015	WAL 15040266	CITY	C	TDS, Fixed	567	mg/L		800	
9/9/2014	1409144	IEUA	Field	Temp	36.2	°C			
9/10/2014	1409145	IEUA	Field	Temp	31.2	°C			
9/11/2014	1409159	IEUA	Field	Temp	34.2	°C			
9/9/2014	1409144	IEUA	C	TI	< 0.05	µg/L			
9/10/2014	1409145	IEUA	C	TI	< 0.10	µg/L			
9/11/2014	1409159	IEUA	C	TI	< 0.10	µg/L			
9/9/2014	1409144	IEUA	Field	TS	<0.1	mg/L			
9/10/2014	1409145	IEUA	Field	TS	<0.1	mg/L			
9/11/2014	1409159	IEUA	Field	TS	<0.1	mg/L			
7/22/2014	WAL 14070235	CITY	C	TSS	829	mg/L			
9/9/2014	1409144	IEUA	C	TSS	572	mg/L			
9/10/2014	1409145	IEUA	C	TSS	1550	mg/L			
9/11/2014	1409159	IEUA	C	TSS	1240	mg/L			
10/21/2014	WAL 14100251	CITY	C	TSS	300	mg/L			
1/20/2015	WAL 15010198	CITY	C	TSS	1300	mg/L			
4/21/2015	WAL 15040266	CITY	C	TSS	388	mg/L			
9/9/2014	1409144	IEUA	C	Zn	0.39	mg/L		50	
9/10/2014	1409145	IEUA	C	Zn	0.90	mg/L		50	
9/11/2014	1409159	IEUA	C	Zn	0.74	mg/L		50	

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/9/2014	1409144	IEUA	C	Ag	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Ag	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Ag	< 0.01	mg/L		
9/9/2014	1409144	IEUA	C	Al	3.00	µg/L		
9/10/2014	1409145	IEUA	C	Al	1.41	µg/L		
9/11/2014	1409159	IEUA	C	Al	< 0	µg/L		
9/9/2014	1409144	IEUA	C	As	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	As	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	As	< 0.01	mg/L		
9/9/2014	1409144	IEUA	C	B	0.2	mg/L		
9/10/2014	1409145	IEUA	C	B	0.2	mg/L		
9/11/2014	1409159	IEUA	C	B	0.2	mg/L		
9/9/2014	1409144	IEUA	C	Ba	0.02	mg/L		
9/10/2014	1409145	IEUA	C	Ba	0.02	mg/L		
9/11/2014	1409159	IEUA	C	Ba	0.04	mg/L		
9/9/2014	1409144	IEUA	C	Be	< 0.01	µg/L		
9/10/2014	1409145	IEUA	C	Be	< 0.01	µg/L		
9/11/2014	1409159	IEUA	C	Be	< 0.01	µg/L		
7/15/2014	WAL 14070156	CITY	C	BOD5	1484	mg/L		
9/9/2014	1409144	IEUA	C	BOD5	1680	mg/L		
9/10/2014	1409145	IEUA	C	BOD5	2080	mg/L		
9/11/2014	1409159	IEUA	C	BOD5	1990	mg/L		
10/14/2014	WAL 14100164	CITY	C	BOD5	1460	mg/L		
1/13/2015	WAL 15010100	CITY	C	BOD5	1830	mg/L		
4/14/2015	WAL 15040194	CITY	C	BOD5	2640	mg/L		
9/9/2014	1409144	IEUA	C	Ca	23	mg/L		
9/10/2014	1409145	IEUA	C	Ca	32	mg/L		
9/11/2014	1409159	IEUA	C	Ca	43	mg/L		

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/9/2014	1409144	IEUA	C	Cd	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Cd	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Cd	< 0.01	mg/L		
9/9/2014	1409144	IEUA	C	Cl	158	mg/L		
9/10/2014	1409145	IEUA	C	Cl	154	mg/L		
9/11/2014	1409159	IEUA	C	Cl	133	mg/L		
9/9/2014	1409144	IEUA	G	CN, Aquatic Free	< 2	µg/L		
9/10/2014	1409145	IEUA	G	CN, Aquatic Free	< 2	µg/L		
9/11/2014	1409159	IEUA	G	CN, Aquatic Free	< 2	µg/L		
9/9/2014	1409144	IEUA	G	CN, Total	< 0.005	mg/L		
9/10/2014	1409145	IEUA	G	CN, Total	< 0.005	mg/L		
9/11/2014	1409159	IEUA	G	CN, Total	0.011	mg/L		
9/9/2014	1409144	IEUA	C	Co	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Co	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Co	< 0.01	mg/L		
9/9/2014	1409144	IEUA	C	Cr	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Cr	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Cr	< 0.01	mg/L		
9/9/2014	1409144	IEUA	C	Cu	< 0.02	mg/L		
9/10/2014	1409145	IEUA	C	Cu	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	Cu	< 0.02	mg/L		
9/9/2014	1409144	IEUA	Field	DS	<0.1	mg/L		
9/10/2014	1409145	IEUA	Field	DS	<0.1	mg/L		
9/11/2014	1409159	IEUA	Field	DS	<0.1	mg/L		
9/9/2014	1409144	IEUA	C	Fe	< 0.15	mg/L		
9/10/2014	1409145	IEUA	C	Fe	< 0.15	mg/L		
9/11/2014	1409159	IEUA	C	Fe	< 0.15	mg/L		
9/9/2014	1409144	IEUA	C	Hg	< 0.0005	mg/L		

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09/20/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/10/2014	1409145	IEUA	C	Hg	< 0.0010	mg/L		
9/11/2014	1409159	IEUA	C	Hg	< 0.0005	mg/L		
9/9/2014	1409144	IEUA	C	K	55	mg/L		
9/10/2014	1409145	IEUA	C	K	71	mg/L		
9/11/2014	1409159	IEUA	C	K	58	mg/L		
9/9/2014	1409144	IEUA	C	Mg	7.3	mg/L		
9/10/2014	1409145	IEUA	C	Mg	9.8	mg/L		
9/11/2014	1409159	IEUA	C	Mg	11.6	mg/L		
9/9/2014	1409144	IEUA	C	Mn	< 0.02	mg/L		
9/10/2014	1409145	IEUA	C	Mn	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	Mn	< 0.02	mg/L		
9/9/2014	1409144	IEUA	C	Mo	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Mo	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Mo	< 0.01	mg/L		
9/9/2014	1409144	IEUA	C	Na	207	mg/L		
9/10/2014	1409145	IEUA	C	Na	196	mg/L		
9/11/2014	1409159	IEUA	C	Na	190	mg/L		
9/9/2014	1409144	IEUA	C	NH3-N	1.1	mg/L		
9/10/2014	1409145	IEUA	C	NH3-N	1.2	mg/L		
9/11/2014	1409159	IEUA	C	NH3-N	0.6	mg/L		
9/9/2014	1409144	IEUA	C	Ni	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Ni	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Ni	< 0.01	mg/L		
9/9/2014	1409144	IEUA	C	NO2-N	0.56	mg/L		
9/10/2014	1409145	IEUA	C	NO2-N	0.28	mg/L		
9/11/2014	1409159	IEUA	C	NO2-N	1.6	mg/L		
9/9/2014	1409144	IEUA	C	NO3-N	3.6	mg/L		
9/10/2014	1409145	IEUA	C	NO3-N	< 0.1	mg/L		

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/11/2014	1409159	IEUA	C	NO3-N	1	mg/L		
7/15/2014	WAL 14070156	CITY	G	Oil and Grease, Total	132	mg/L		
10/14/2014	WAL 14100164	CITY	G	Oil and Grease, Total	11	mg/L		
1/13/2015	WAL 15010100	CITY	G	Oil and Grease, Total	15	mg/L		
4/14/2015	WAL 15040194	CITY	G	Oil and Grease, Total	17	mg/L		
9/9/2014	1409144	IEUA	C	Pb	< 0.02	mg/L		
9/10/2014	1409145	IEUA	C	Pb	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	Pb	< 0.02	mg/L		
7/15/2014	WAL 14070156	CITY	Field	pH	7.3	pH Units		5-12.5
9/9/2014	1409144	IEUA	Field	pH	9.08	pH Units		5-12.5
9/10/2014	1409145	IEUA	Field	pH	6.50	pH Units		5-12.5
9/11/2014	1409159	IEUA	Field	pH	5.40	pH Units		5-12.5
10/14/2014	WAL 14100164	CITY	Field	pH	8.3	pH Units		5-12.5
1/13/2015	WAL 15010100	CITY	Field	pH	9.0	pH Units		5-12.5
4/14/2015	WAL 15040194	CITY	Field	pH	7.0	pH Units		5-12.5
9/9/2014	1409144	IEUA	C	Sb	< 0.02	µg/L		
9/10/2014	1409145	IEUA	C	Sb	< 0.02	µg/L		
9/11/2014	1409159	IEUA	C	Sb	< 0.02	µg/L		
9/9/2014	1409144	IEUA	C	Se	< 0.02	mg/L		
9/10/2014	1409145	IEUA	C	Se	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	Se	< 0.02	mg/L		
9/9/2014	1409144	IEUA	C	Si	5.8	mg/L		
9/10/2014	1409145	IEUA	C	Si	6.0	mg/L		
9/11/2014	1409159	IEUA	C	Si	6.0	mg/L		
9/9/2014	1409144	IEUA	C	SO4	85	mg/L		
9/10/2014	1409145	IEUA	C	SO4	81	mg/L		
9/11/2014	1409159	IEUA	C	SO4	78	mg/L		
7/15/2014	WAL 14070156	CITY	C	TDS	1480	mg/L		

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
9/9/2014	1409144	IEUA	C	TDS	1640	mg/L			
9/10/2014	1409145	IEUA	C	TDS	1830	mg/L			
9/11/2014	1409159	IEUA	C	TDS	1670	mg/L			
10/14/2014	WAL 14100164	CITY	C	TDS	1960	mg/L			
1/13/2015	WAL 15010100	CITY	C	TDS	2012	mg/L			
4/14/2015	WAL 15040194	CITY	C	TDS	2218	mg/L			
7/15/2014	WAL 14070156	CITY	C	TDS, Fixed	408	mg/L			800
9/9/2014	1409144	IEUA	C	TDS, Fixed	875	mg/L	NC		800
9/10/2014	1409145	IEUA	C	TDS, Fixed	1270	mg/L	NC		800
9/11/2014	1409159	IEUA	C	TDS, Fixed	1150	mg/L	NC		800
10/14/2014	WAL 14100164	CITY	C	TDS, Fixed	667	mg/L			800
10/30/2014	WAL 14100365	NC sample	C	TDS, Fixed	413	mg/L			800
11/6/2014	WAL 14110063	NC sample Violation	C	TDS, Fixed	850	mg/L	NC		800
11/13/2014	WAL 14110145	NC sample	C	TDS, Fixed	640	mg/L			800
11/20/2014	WAL 14110250	NC sample	C	TDS, Fixed	510	mg/L			800
1/13/2015	WAL 15010100	CITY	C	TDS, Fixed	681	mg/L			800
4/14/2015	WAL 15040194	CITY	C	TDS, Fixed	1251	mg/L	NC		800
9/9/2014	1409144	IEUA	Field	Temp	29.4	°C			
9/10/2014	1409145	IEUA	Field	Temp	28.9	°C			
9/11/2014	1409159	IEUA	Field	Temp	29.9	°C			
9/9/2014	1409144	IEUA	C	TI	< 0.05	µg/L			
9/10/2014	1409145	IEUA	C	TI	< 0.05	µg/L			
9/11/2014	1409159	IEUA	C	TI	< 0.05	µg/L			
9/9/2014	1409144	IEUA	Field	TS	<0.1	mg/L			
9/10/2014	1409145	IEUA	Field	TS	<0.1	mg/L			
9/11/2014	1409159	IEUA	Field	TS	<0.1	mg/L			
7/15/2014	WAL 14070156	CITY	C	TSS	293	mg/L			
9/9/2014	1409144	IEUA	C	TSS	126	mg/L			

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Permittee: **Scott Brothers Dairy - Monitoring Point 001**

Permit No: 1010

09/10/2014

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
9/10/2014	1409145	IEUA	C	TSS	193	mg/L		
9/11/2014	1409159	IEUA	C	TSS	280	mg/L		
10/14/2014	WAL 14100164	CITY	C	TSS	179	mg/L		
1/13/2015	WAL 15010100	CITY	C	TSS	296	mg/L		
4/14/2015	WAL 15040194	CITY	C	TSS	72	mg/L		
9/9/2014	1409144	IEUA	C	Zn	0.06	mg/L		
9/10/2014	1409145	IEUA	C	Zn	0.05	mg/L		
9/11/2014	1409159	IEUA	C	Zn	0.06	mg/L		

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/10/2014	1409145	IEUA	C	Ag	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Ag	< 0.01	mg/L		
9/16/2014	1409218	IEUA	C	Ag	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Al	0	µg/L		
9/11/2014	1409159	IEUA	C	Al	< 0	µg/L		
9/16/2014	1409218	IEUA	C	Al	< 0	µg/L		
9/10/2014	1409145	IEUA	C	As	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	As	< 0.01	mg/L		
9/16/2014	1409218	IEUA	C	As	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	B	0.2	mg/L		
9/11/2014	1409159	IEUA	C	B	0.2	mg/L		
9/16/2014	1409218	IEUA	C	B	0.2	mg/L		
9/10/2014	1409145	IEUA	C	Ba	0.04	mg/L		
9/11/2014	1409159	IEUA	C	Ba	0.04	mg/L		
9/16/2014	1409218	IEUA	C	Ba	0.04	mg/L		
9/10/2014	1409145	IEUA	C	Be	< 0.01	µg/L		
9/11/2014	1409159	IEUA	C	Be	< 0.01	µg/L		
9/16/2014	1409218	IEUA	C	Be	< 0.01	µg/L		
7/15/2014	WAL 14070155	CITY	C	BOD5	375	mg/L		
9/10/2014	1409145	IEUA	C	BOD5	1220	mg/L		
9/11/2014	1409159	IEUA	C	BOD5	1360	mg/L		
9/16/2014	1409218	IEUA	C	BOD5	795	mg/L		
10/14/2014	WAL 14100165	CITY	C	BOD5	610	mg/L		
1/13/2015	WAL 15010101	CITY	C	BOD5	810	mg/L		
4/14/2015	WAL 15040189	CITY	C	BOD5	470	mg/L		
9/10/2014	1409145	IEUA	C	Ca	46	mg/L		
9/11/2014	1409159	IEUA	C	Ca	50	mg/L		
9/16/2014	1409218	IEUA	C	Ca	46	mg/L		

Key to Result Flags

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 +++ = Exceeds TRC Chronic 66% C= Improper Collection Method H = Holding Time Exceeded
 NC = Numerical Violation NC Sample = Sample Taken in Response to Enforcement Action
 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

09/16/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/10/2014	1409145	IEUA	C	Cd	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Cd	< 0.01	mg/L		
9/16/2014	1409218	IEUA	C	Cd	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Cl	160	mg/L		
9/11/2014	1409159	IEUA	C	Cl	167	mg/L		
9/16/2014	1409218	IEUA	C	Cl	162	mg/L		
9/10/2014	1409145	IEUA	G	CN, Aquatic Free	< 2	µg/L		
9/11/2014	1409159	IEUA	G	CN, Aquatic Free	6	µg/L		
9/16/2014	1409218	IEUA	G	CN, Aquatic Free	< 2	µg/L		
9/10/2014	1409145	IEUA	G	CN, Total	< 0.005	mg/L		
9/11/2014	1409159	IEUA	G	CN, Total	0.008	mg/L		
9/16/2014	1409218	IEUA	G	CN, Total	0.022	mg/L		
9/10/2014	1409145	IEUA	C	Co	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Co	< 0.01	mg/L		
9/16/2014	1409218	IEUA	C	Co	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Cr	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Cr	< 0.01	mg/L		
9/16/2014	1409218	IEUA	C	Cr	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Cu	0.20	mg/L		
9/11/2014	1409159	IEUA	C	Cu	0.18	mg/L		
9/16/2014	1409218	IEUA	C	Cu	0.18	mg/L		
9/10/2014	1409145	IEUA	Field	DS	<0.1	mg/L		
9/11/2014	1409159	IEUA	Field	DS	<0.1	mg/L		
9/16/2014	1409218	IEUA	Field	DS	<0.1	mg/L		
9/10/2014	1409145	IEUA	C	Fe	0.80	mg/L		
9/11/2014	1409159	IEUA	C	Fe	0.82	mg/L		
9/16/2014	1409218	IEUA	C	Fe	0.64	mg/L		
9/10/2014	1409145	IEUA	C	Hg	< 0.0005	mg/L		

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09/20/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/11/2014	1409159	IEUA	C	Hg	< 0.0005	mg/L		
9/16/2014	1409218	IEUA	C	Hg	< 0.0005	mg/L		
9/10/2014	1409145	IEUA	C	K	65	mg/L		
9/11/2014	1409159	IEUA	C	K	77	mg/L		
9/16/2014	1409218	IEUA	C	K	66	mg/L		
9/10/2014	1409145	IEUA	C	Mg	16.3	mg/L		
9/11/2014	1409159	IEUA	C	Mg	17.4	mg/L		
9/16/2014	1409218	IEUA	C	Mg	15.9	mg/L		
9/10/2014	1409145	IEUA	C	Mn	0.09	mg/L		
9/11/2014	1409159	IEUA	C	Mn	0.10	mg/L		
9/16/2014	1409218	IEUA	C	Mn	0.08	mg/L		
9/10/2014	1409145	IEUA	C	Mo	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Mo	< 0.01	mg/L		
9/16/2014	1409218	IEUA	C	Mo	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	Na	95	mg/L		
9/11/2014	1409159	IEUA	C	Na	106	mg/L		
9/16/2014	1409218	IEUA	C	Na	96	mg/L		
9/10/2014	1409145	IEUA	C	NH3-N	45.5	mg/L		
9/11/2014	1409159	IEUA	C	NH3-N	43.0	mg/L		
9/16/2014	1409218	IEUA	C	NH3-N	34.6	mg/L		
9/10/2014	1409145	IEUA	C	Ni	< 0.01	mg/L		
9/11/2014	1409159	IEUA	C	Ni	< 0.01	mg/L		
9/16/2014	1409218	IEUA	C	Ni	< 0.01	mg/L		
9/10/2014	1409145	IEUA	C	NO2-N	0.12	mg/L		
9/11/2014	1409159	IEUA	C	NO2-N	0.4	mg/L		
9/16/2014	1409218	IEUA	C	NO2-N	0.37	mg/L		
9/10/2014	1409145	IEUA	C	NO3-N	< 0.1	mg/L		
9/11/2014	1409159	IEUA	C	NO3-N	0.1	mg/L		

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/16/2014	1409218	IEUA	C	NO3-N	0.5	mg/L		
7/15/2014	WAL 14070155	CITY	G	Oil and Grease, Total	30	mg/L		
10/14/2014	WAL 14100165	CITY	G	Oil and Grease, Total	198	mg/L		
1/13/2015	WAL 15010101	CITY	G	Oil and Grease, Total	31	mg/L		
4/14/2015	WAL 15040189	CITY	G	Oil and Grease, Total	236	mg/L		
9/10/2014	1409145	IEUA	C	Pb	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	Pb	< 0.02	mg/L		
9/16/2014	1409218	IEUA	C	Pb	< 0.02	mg/L		
7/15/2014	WAL 14070155	CITY	Field	pH	7.0	pH Units		5.0 - 12.5
9/10/2014	1409145	IEUA	Field	pH	6.70	pH Units		5.0 - 12.5
9/11/2014	1409159	IEUA	Field	pH	6.39	pH Units		5.0 - 12.5
9/16/2014	1409218	IEUA	Field	pH	6.44	pH Units		5.0 - 12.5
10/14/2014	WAL 14100165	CITY	Field	pH	7.5	pH Units		5.0 - 12.5
1/13/2015	WAL 15010101	CITY	Field	pH	7.5	pH Units		5.0 - 12.5
4/14/2015	WAL 15040189	CITY	Field	pH	7.0	pH Units		5.0 - 12.5
9/10/2014	1409145	IEUA	C	Sb	< 0.02	µg/L		
9/11/2014	1409159	IEUA	C	Sb	< 0.02	µg/L		
9/16/2014	1409218	IEUA	C	Sb	< 0.02	µg/L		
9/10/2014	1409145	IEUA	C	Se	< 0.02	mg/L		
9/11/2014	1409159	IEUA	C	Se	< 0.02	mg/L		
9/16/2014	1409218	IEUA	C	Se	< 0.02	mg/L		
9/10/2014	1409145	IEUA	C	Si	8.4	mg/L		
9/11/2014	1409159	IEUA	C	Si	8.0	mg/L		
9/16/2014	1409218	IEUA	C	Si	7.9	mg/L		
9/10/2014	1409145	IEUA	C	SO4	57	mg/L		
9/11/2014	1409159	IEUA	C	SO4	64	mg/L		
9/16/2014	1409218	IEUA	C	SO4	59	mg/L		
7/15/2014	WAL 14070155	CITY	C	TDS	710	mg/L		

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09/10/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
9/10/2014	1409145	IEUA	C	TDS	860	mg/L		
9/11/2014	1409159	IEUA	C	TDS	868	mg/L		
9/16/2014	1409218	IEUA	C	TDS	826	mg/L		
10/14/2014	WAL 14100165	CITY	C	TDS	749	mg/L		
1/13/2015	WAL 15010101	CITY	C	TDS	1124	mg/L		
4/14/2015	WAL 15040189	CITY	C	TDS	803	mg/L		
7/15/2014	WAL 14070155	CITY	C	TDS, Fixed	403	mg/L		800
9/10/2014	1409145	IEUA	C	TDS, Fixed	580	mg/L		800
9/11/2014	1409159	IEUA	C	TDS, Fixed	574	mg/L		800
9/16/2014	1409218	IEUA	C	TDS, Fixed	570	mg/L		800
10/14/2014	WAL 14100165	CITY	C	TDS, Fixed	749	mg/L		800
1/13/2015	WAL 15010101	CITY	C	TDS, Fixed	684	mg/L		800
4/14/2015	WAL 15040189	CITY	C	TDS, Fixed	439	mg/L		800
9/10/2014	1409145	IEUA	Field	Temp	25.7	°C		
9/11/2014	1409159	IEUA	Field	Temp	26.9	°C		
9/16/2014	1409218	IEUA	Field	Temp	30.1	°C		
9/10/2014	1409145	IEUA	C	TI	< 0.05	µg/L		
9/11/2014	1409159	IEUA	C	TI	< 0.05	µg/L		
9/16/2014	1409218	IEUA	C	TI	< 0.05	µg/L		
9/10/2014	1409145	IEUA	Field	TS	<0.1	mg/L		
9/11/2014	1409159	IEUA	Field	TS	<0.1	mg/L		
9/16/2014	1409218	IEUA	Field	TS	<0.1	mg/L		
7/15/2014	WAL 14070155	CITY	C	TSS	163	mg/L		
9/10/2014	1409145	IEUA	C	TSS	498	mg/L		
9/11/2014	1409159	IEUA	C	TSS	592	mg/L		
9/16/2014	1409218	IEUA	C	TSS	304	mg/L		
10/14/2014	WAL 14100165	CITY	C	TSS	89	mg/L		
1/13/2015	WAL 15010101	CITY	C	TSS	410	mg/L		

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Permittee: **Wing Lee Farms, Inc. - Monitoring Point 001**

Permit No: 1093

4/21/2015

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
4/14/2015	WAL 15040189	CITY	C	TSS	198	mg/L		
9/10/2014	1409145	IEUA	C	Zn	0.15	mg/L		
9/11/2014	1409159	IEUA	C	Zn	0.16	mg/L		
9/16/2014	1409218	IEUA	C	Zn	0.14	mg/L		

Report compiled by

Date:

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2014/2015 PRETREATMENT ANNUAL REPORT

City of Chino Hills

City of Chino Hills
List of Significant Industrial Users and Applicable Standards
Report Period: July 1, 2014 to June 30, 2015

The City of Chino Hills had no Significant Industrial Users during Fiscal Year 2014-2015.

2014/2015 PRETREATMENT ANNUAL REPORT

Cucamonga Valley Water District

IEUA PRETREATMENT ACTIVITIES FOR THE CUCAMONGA VALLEY WATER DISTRICT'S SIGNIFICANT INDUSTRIAL USERS

During the fiscal year IEUA continued with the management of all program activities including permitting, monitoring, inspection, and enforcement actions for eight SIUs. The following paragraphs describe each SIU, its manufacturing process, and any permit activities occurring during the fiscal year.

Amphastar Pharmaceuticals Permit No. CVWD-022106

Amphastar Pharmaceuticals, Inc. (Amphastar) manufactures generic liquids that are intravenous injectable solutions for the medical industry. It is from the manufacturing of these solutions that the wastewater is generated.

Included as part of Amphastar's discharge are waste streams from the steam cleaning, bottle washing, solution preparing, and sterilizing process. Waste streams resulted from process room cleaning, cooling tower bleed, boiler blow down, autoclave discharge, reverse osmosis maintenance, and wastewater from an R&D and QC lab are also parts of Amphastar's discharge to the CVWD's sewer.

Amphastar's discharge is subject to 40 CFR 439, Subpart D – Mixing, Compounding, and Formulation. Amphastar's wastewater discharge permit was reissued on December 9, 2014 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Aquamar, Inc. Permit No. CVWD-042104

Aquamar, Inc. (Aquamar) manufactures imitation crabmeat. Aquamar is the third largest processor of imitation crabmeat in North America which transforms Pollock into crabmeat.

Aquamar's manufacturing process involves a series of steps which includes forming, cooking, cutting, packing, pasteurizing, and cooling the product. After the products have been packaged and put into freezing units, a small amount of water from a quench tank on the pasteurization line is filtered, re-used, and disposed about every 3 months. In addition to the process wastewater refrigeration systems, equipment and floor wash down are also generated. All of Aquamar's process wastewater is pretreated prior to discharging to the sewer system.

Aquamar's discharge is greater than 25,000 GPD, thus qualifying it to be permitted as a SIU. Aquamar's wastewater discharge permit was reissued on January 7, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Evolution Fresh
Permit No. CVWD-111912

Evolution Fresh (EF) is a fruit and vegetable juice manufacturer. EF's operations involve receiving, washing, rinsing, peeling, extracting, and pressing of fruits and vegetables into raw juices. The raw juices are then sent to on-site cold storage tanks or immediately blended with other ingredients and filled into final product bottles. EF's wastewater consists of industrial process wastewater, non-process boiler and cooling tower blowdown, and sanitary discharges. The industrial process wastewater consists of the vegetable and fruit processing wastewater and sanitation processes via a clean-in-place (CIP) system. EF's pretreatment system consists of a equalization tanks, rotary screen, dual dissolved air flotation systems, pH adjustment, continuous pH monitoring.

EF is categorized as a SIU due to its process wastewater flow being greater than 25,000 GPD. The EF wastewater discharge permit was issued on July 3, 2014. EF's wastewater discharge permit was reissued on January 7, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Nongshim America, Inc.
Permit No. CVWD-211206

Nongshim America, Inc. (NA) manufactures and packages noodles at the Rancho Cucamonga site. Processes include the mixing of basic, but proprietary, compounds for seasoning packs to be included in noodle cups and the mixing of flour to form dough. Wet process which produces wastewater is from the spraying of hot water onto noodle strips or threads after they come out of the dough cutting machine. The noodles, after being cooked, are cut, separated, and packaged into noodle cups.

The waste water, from the floor trench, is pre-treated to remove BOD and TSS. The primary treatment process at NA is a Sequence Batch Reactor System which operates as a clarifier equipped with aeration and a disk filter. Except for the disk filter, all other pretreatment equipment is below grade. A small volume of wastewater is also generated from boiler blowdown and the water filtration system, which provides treated water to be used in the making of noodle dough.

NA is categorized as a SIU due to its flow which is greater than 25,000 GPD. NA's wastewater discharge permit was reissued on November 25, 2014 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

PAC Rancho
Permit No. CVWD-083111

PAC Rancho Inc., (PAC) manufactures precision stainless steel and aluminum castings used in aircraft and aerospace industries as assembly parts for engines. PAC uses casting processed with high precision by using wax molds or patterns to produce parts. In the process, molten aluminum or steel stocks are poured into the fused silica shells. The silica shells are then removed with high pressure water jets. The resulting parts are removed of sharp edges and checked for defects by using dye penetrant and X-rays. PAC also performs chemical metal finishing on aluminum and stainless steel parts.

PAC's manufacturing processes generate multiple discrete waste streams regulated under 40 CFR Part 433.17(a) of the Metal Finishing Point Source Category and 40 CFR Part 464.16(f) & 464.36(e)(2) of the Metal Molding & Casting Point Source Category. PAC's wastewater discharge permit was reissued on November 26, 2014 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Parallel Products
Permit No. CVWD-071908

Parallel Products (Parallel) produces industrial and fuel-grade ethanol by fermentation and distillation of by-products and wastes from beverage and food manufacturing industries. Parallel's other products are dried brewer's yeast and protein concentrate (used for cattle feed).

Parallel's wastewater consists of the evaporator condensate from the manufacturing process, cooling tower discharges, and boiler blowdown. The water is collected in a tank where pH adjustment occurs. The wastewater then flows to an equalization tank, aeration tank and clarifier before being discharged to the CVWD sewer. The pH and flow are monitored on a continuous basis.

Parallel's discharge contains high levels of BOD and TSS, and has been more than 25,000 GPD. Parallel's wastewater discharge permit was reissued on December 9, 2014 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Schlosser Forge Company
Permit No. CVWD-033012

Schlosser Forge Company (Schlosser) manufactures forged seamless metal rings for aircraft engines from aluminum, titanium, nickel-cobalt, stainless steel, nickel, iron, magnesium, refractory, precious metals, copper, and beryllium copper. Schlosser's manufacturing process consists of saw cutting metal stock billets into "mults" and forming the mults into seamless rings by applying heat and pressure. The seamless

rings are then forged on open frame hammers, hydraulic presses, furnaces, and ring mills.

During the process of forging and rolling metal rings and other associated processes such as solution heat treatment, and annealing, metal oxide scale is formed on the surfaces of the metal rings. The removing of the metal oxide scale and oils are the primary sources of wastewater generated at Schlosser. Untreated plant washdown is collected in sumps throughout the facility and plumbed to the pretreatment system for treatment prior to discharge to the sewer.

The plant washdown also contains hydraulic oil from machinery leakage, soaps used in cleaning machinery, dye penetrant testing wastewater, and forging spent lubricants. The wastewater from the cutting of billets with emulsions and contact cooling wastewater are also sources of wastewater collected at the pretreatment plant. The non-contact cooling tower water blowdown is discharged to the sewer downstream of the pretreatment plant and monitoring facility. It is not included as part of the calculations of discharge limits.

Schlosser has been categorized under the Aluminum and Nonferrous Metals Forming and Metal Powders Point Source Category. Schlosser's discharge is subject to limits set forth in 40 CFR Part 467-Aluminum Forming Point Source Category and 40 CFR Part 471-Nonferrous Metals Forming and Metal Powders Point Source Category.

Schlosser's wastewater discharge permit was revised several times during the fiscal year. In July 2013, the wastewater discharge limits were revised based on a reevaluation of the provided production data. The legal sampling location and required changes identified during the 2012 Pretreatment Compliance Audit were also implemented. Schlosser's wastewater discharge permit was reissued on November 26, 2014 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Western Metals Decorating Company
Permit No. CVWD-062713

Western Metals Decorating (Western) processes and coats roll metal stocks on their coil coating line to produce coated metal raw material for the production of metal products such as mini-blinds, screen doors, etc. The production process includes coil slitting to desired width, coil surface preparation and coating. Western also purchases metal coils from outside suppliers to produce metal sheets for can making. Western does not manufacture cans and no wastewater is produced by the sheet making process.

Western's manufacturing process begins with the sheet metal stock which is washed and rinsed with water to remove dirt and oil. The sheet stock is fed to coating machines and subsequent coating devices to complete the production process. The wastewater is generated from the washing of the coils. Following washing, coils are

fed through a chromate solution followed by a primer and coating application. Freshwater is sprayed onto the coil to cool the metal. Wastewater treatment includes Conventional metal treatment using polymer precipitation chemicals, pH adjustment, clarification, and sludge removal.

Western's wastewater discharge permit was reissued on January 7, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Table 17: CVWD - List of Significant Industrial Users and Applicable Standards

CURRENTLY PERMITTED	INDUSTRIAL USER NAME & ADDRESS	ADDITION / DELETION & REASON	APPLICABLE FEDERAL CATEGORY & STANDARD	LOCAL LIMITS MORE STRINGENT THAN FEDERAL
Yes	Amphastar Pharmaceuticals 11570 6 th Street Rancho Cucamonga, CA 91730		Pharmaceutical Manufacturing, Part 439.47	None
Yes	Aquamar 10888 7th Street Rancho Cucamonga, CA 91730		Significant Discharger, Part 403.3(v)(ii)	N/A
Yes	Evolution Fresh 11655 Jersey Blvd. Rancho Cucamonga, CA 91730		Significant Discharger, Part 403.3(v)(ii)	N/A
No	K-Pure Waterworks 8910 Rochester Ave. Rancho Cucamonga, CA 91730	Deleted, industry connected to the Non-Reclaimable Wastewater System (NRWS)	Centralized Waste Treatment, Part 437.47(b)(1) and 437.47(b)(2)	N/A
Yes	Nongshim America, Inc. 12155 Sixth Street Rancho Cucamonga, CA 91730		Significant Discharger, Part 403.3(v)(ii)	N/A
Yes	PAC Rancho Inc. 11000 Jersey Blvd. Rancho Cucamonga, CA 91730		Metal Molding and Casting, Parts 464.16(f) (Aluminum) & 464.36(e)(2) (Ferrous), and Metal Finishing, Part 433.17 (a)	None
Yes	Parallel Products 12881 Arrow Route Rancho Cucamonga, CA 91730		Significant Discharger, Part 403.3(v)(ii)	N/A

Table 17: CVWD - List of Significant Industrial Users and Applicable Standards

CURRENTLY PERMITTED	INDUSTRIAL USER NAME & ADDRESS	ADDITION / DELETION & REASON	APPLICABLE FEDERAL CATEGORY & STANDARD	LOCAL LIMITS MORE STRINGENT THAN FEDERAL
Yes	Schlosser Forge Company 11711 Arrow Route Rancho Cucamonga, CA 91730		Nonferrous Metals Forming and Metal Powders, Parts 471.24, .34, .44, .54, .64; Aluminum Forming, Parts 467, Subparts A, B, & D	None
Yes	Western Metals Decorating Company 8875 Industrial Lane Rancho Cucamonga, CA 91730		Coil Coating Point Source, Parts 465.14 (Steel), 465.24 (Galvanized) and 465.34 (Aluminum)	None

Table 18: CVWD Significant Industrial User Compliance Status

INDUSTRIAL USER NAME & ADDRESS	INDUSTRIAL CATEGORY	TYPE OF PRETREATMENT PRESENT	NUMBER OF SAMPLE EVENTS		TTO (TOMP) CERTIFICATION	NUMBER OF INSPECTIONS CONDUCTED
			IU	AGENCY		
Amphastar Pharmaceuticals 11570 6th Street Rancho Cucamonga, CA 91730	Pharmaceutical Manufacturing, Part 439.47	pH adjustment, activated carbon filtration.	4	2	N/A	3
Aquamar 10888 7th Street Rancho Cucamonga, CA 91730	Significant Discharger, Part 403.3(v)(ii)	Oil and grease interceptor	2	2	N/A	3
Evolution Fresh 11655 Jersey Blvd. Rancho Cucamonga, CA 91730	Significant Discharger, Part 403.3(v)(ii)	Equalization, pH adjustment, plug flow reactor, coagulation, flocculation, dissolved air floatation (DAF)	16	5	N/A	5
Nongshim America, Inc. 12155 Sixth Street Rancho Cucamonga, CA 91730	Significant Discharger, Part 403.3(v)(ii)	Sequence batch reactor system, clarification, aeration and filtration.	18	5	N/A	3

Table 18: CVWD Significant Industrial User Compliance Status

INDUSTRIAL USER NAME & ADDRESS	INDUSTRIAL CATEGORY	TYPE OF PRETREATMENT PRESENT	NUMBER OF SAMPLE EVENTS		TTO (TOMP) CERTIFICATION	NUMBER OF INSPECTIONS CONDUCTED
			IU	AGENCY		
PAC Rancho Inc. 11000 Jersey Blvd. Rancho Cucamonga, CA 91730	Metal Molding and Casting, Parts 464.16(f) (Aluminum) & 464.36(e)(2) (Ferrous), Metal Finishing, Part 433.17 (a)	Conventional metal treatment using pH adjustment, polymer precipitation chemicals, clarification & sludge removal.	4	4	No	4
Parallel Products 12881 Arrow Route Rancho Cucamonga, CA 91730	Significant Discharger, Part 403.3(v)(ii)	Distillation (by vacuum & heat) of still bottoms. Discharge of condensate to sewer, sludge removal & pH adjustment.	22	2	N/A	3
Schlosser Forge Company 11711 Arrow Route Rancho Cucamonga, CA 91730	Nonferrous Metals Forming and Metal Powders, Parts 471.24, .34, .44, .54, .64; Aluminum Forming, Part 467, Subparts A, B, & D	Conventional metal treatment using polymer precipitation chemicals, pH adjustment, clarification & sludge removal.	4	4	N/A	4
Western Metals Decorating Company 8875 Industrial Lane Rancho Cucamonga, CA 91730	Coil Coating Point Source, Parts 465.14 (Steel), 465.24 (Galvanized) and 465.34 (Aluminum)	Conventional metal treatment using polymer precipitation chemicals, pH adjustment, clarification & sludge removal.	4	4	N/A	4

Table 19: CVWD - Significant Industrial User Violations and Applicable Enforcement Action

INDUSTRIAL USER NAME & ADDRESS	STANDARDS VIOLATED		SNC	SUMMARY OF ENFORCEMENT ACTIONS PROPOSED OR TAKEN	ENFORCEMENT ACTION DATE	FINES ASSESSED THIS YEAR
	Federal	Local				
Amphastar Pharmaceuticals 11570 6th Street Rancho Cucamonga, CA 91730	N/A	N/A	No	None Required	None	None
Aquamar 10888 7th Street Rancho Cucamonga, CA 91730	N/A	N/A	No	None Required	None	None
Evolution Fresh 11655 Jersey Blvd. Rancho Cucamonga, CA 91730	N/A	TDS, Fixed	Yes	Notice of Violation and Order for Corrective Action for exceeding daily discharge local limit for TDS, Fixed in November 2014. Failure to submit self-monitoring data within 45 days of the due date	12/16/14 5/30/15	None
Nongshim America, Inc. 12155 Sixth Street Rancho Cucamonga, CA 91730	N/A	TDS, Fixed	No	Notice of Violation and Order for Corrective Action for exceeding daily discharge local limit for TDS, Fixed in November 2014, and for failure to notify IEUA within 24 hours of becoming aware of a violation.	12/16/14	None
	None	None	No	Notice of Violation and Order for Corrective Action for improper operation and maintenance of pretreatment equipment.	4/21/15	None

Table 19: CVWD - Significant Industrial User Violations and Applicable Enforcement Action

INDUSTRIAL USER NAME & ADDRESS	STANDARDS VIOLATED		SNC	SUMMARY OF ENFORCEMENT ACTIONS PROPOSED OR TAKEN	ENFORCEMENT ACTION DATE	FINES ASSESSED THIS YEAR
	Federal	Local				
PAC Rancho Inc. 11000 Jersey Blvd. Rancho Cucamonga, CA 91730	None	None	No	None Required	N/A	None
Parallel Products 12881 Arrow Route Rancho Cucamonga, CA 91730	None	None	No	None Required	N/A	None
Schlosser Forge Co. 11711 Arrow Route Rancho Cucamonga, CA 91730	None	None	No	None Required	N/A	None
Western Metals Decorating 8875 Industrial Lane Rancho Cucamonga, CA 91730	None	None	No	Notice of Violation and Order for Corrective Action for failure to maintain pretreatment equipment.	11/3/14	None
	None	None	No	Notice of Violation/Order for Corrective Action and Order to Show Cause for repeated failure to maintain pretreatment equipment.	1/7/15	None
	None	None	Yes	Failure to submit report documenting repairs to pH monitoring system within 45 days of the due date.	2/28/15	None
	None	None	No	Notice of Violation/Order for Corrective Action and Order to Show Cause for repeated failure to maintain pretreatment equipment.	3/18/15	None

Table 20: CVWD - Compliance Summary of Significant Industrial Users

Number of SIUs in SNC with pretreatment compliance schedules:	2
Number of Notices of Violations & Administrative Orders issued to SIUs:	6
Number of Civil & Criminal Judicial Actions filed against SIUs:	0
Number of SIUs published for SNC:	2
Number of SIUs where penalties were collected:	0

SIU Significant Industrial User
SNC Significant Noncompliance per 40 CFR 403.8

2014/2015 INDUSTRY MONITORING DATA

Cucamonga Valley Water District



Inland Empire Utilities Agency Pretreatment & Source Control Program Laboratory Analysis Summary

Sample Date: Jul 1 2014 - Jun 30 2015

Permittee: **Amphastar Pharmaceuticals, Inc. - Monitoring Point 001**

Permit No: CVWD-022106

01/20/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
8/14/2014	WAL 14080165	INDUSTRY	G	Acetone	1700	µg/L		19000	7500
8/19/2014	1408244	IEUA	G	Acetone	6400	µg/L		19000	7500
11/20/2014	WAL 14110245	INDUSTRY	G	Acetone	1100	µg/L		19000	7500
1/15/2015	WAL 15010142	INDUSTRY	G	Acetone	390	µg/L		19000	7500
2/26/2015	1502329	IEUA	G	Acetone	5220	µg/L		19000	7500
4/9/2015	WAL 15040124	INDUSTRY	G	Acetone	560	µg/L		19000	7500
8/19/2014	1408244	IEUA	C	Ag	< 0.01	mg/L			
2/26/2015	1502329	IEUA	C	Ag	< 0.01	mg/L			
8/19/2014	1408244	IEUA	C	As	< 0.01	mg/L			
2/26/2015	1502329	IEUA	C	As	< 0.01	mg/L			
8/19/2014	1408244	IEUA	C	Ba	0.01	mg/L			
2/26/2015	1502329	IEUA	C	Ba	< 0.01	mg/L			
8/14/2014	WAL 14080165	INDUSTRY	C	BOD5	13	mg/L			
8/19/2014	1408244	IEUA	C	BOD5	20	mg/L			
11/20/2014	WAL 14110245	INDUSTRY	C	BOD5	7	mg/L			
1/15/2015	WAL 15010142	INDUSTRY	C	BOD5	7	mg/L			
2/26/2015	1502329	IEUA	C	BOD5	34	mg/L			
4/9/2015	WAL 15040124	INDUSTRY	C	BOD5	60	mg/L			
8/19/2014	1408244	IEUA	C	Cd	< 0.01	mg/L			
2/26/2015	1502329	IEUA	C	Cd	< 0.01	mg/L			
8/19/2014	1408244	IEUA	C	Co	< 0.01	mg/L			
2/26/2015	1502329	IEUA	C	Co	< 0.01	mg/L			
8/19/2014	1408244	IEUA	C	Cr	< 0.01	mg/L		60	
11/20/2014	WAL 14110245	INDUSTRY	C	Cr	<0.01	mg/L		60	

Key to Result Flags

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03/20/15

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
2/26/2015	1502329	IEUA	C	Cr	< 0.01	mg/L		60	
4/9/2015	WAL 15040124	INDUSTRY	C	Cr	<0.01	mg/L		60	
8/19/2014	1408244	IEUA	C	Cu	< 0.02	mg/L		45	
11/20/2014	WAL 14110245	INDUSTRY	C	Cu	0.02	mg/L		45	
2/26/2015	1502329	IEUA	C	Cu	< 0.02	mg/L		45	
4/9/2015	WAL 15040124	INDUSTRY	C	Cu	0.01	mg/L		45	
8/19/2014	1408244	IEUA	Field	DS	<0.1	mg/L			
2/26/2015	1502329	IEUA	Field	DS	<0.1	mg/L			
8/14/2014	WAL 14080165	INDUSTRY	G	ethyl acetate	<2	µg/L		19000	7500
10/20/2014	Amphastar Method	IEUA	G	ethyl acetate	<10	µg/L		19000	7500
11/20/2014	WAL 14110245	INDUSTRY	G	ethyl acetate	<2	µg/L		19000	7500
1/15/2015	WAL 15010142	INDUSTRY	G	ethyl acetate	<2	µg/L		19000	7500
2/26/2015	LL 522525	IEUA	G	ethyl acetate	<10	µg/L		19000	7500
4/9/2015	WAL 15040124	INDUSTRY	G	ethyl acetate	<1	µg/L		19000	7500
8/19/2014	1408244	IEUA	C	Fe	0.17	mg/L			
2/26/2015	1502329	IEUA	C	Fe	0.21	mg/L			
1/31/2015	Flow	IU Flow Rpt	Metered	Flow-T	76728	gpd			
2/28/2015		IU Flow Rpt	Metered	Flow-T	53307	gpd			
3/31/2015		IU Flow Rpt	Metered	Flow-T	75888	gpd			
4/9/2015	WAL 15040124	INDUSTRY	Metered	Flow-T	5924	gpd			
8/14/2014	WAL 14080165	INDUSTRY	G	isopropyl acetate	<1	µg/L		19000	7500
10/20/2014	Amphastar Method	IEUA	G	isopropyl acetate	<10	µg/L		19000	7500
11/20/2014	WAL 14110245	INDUSTRY	G	isopropyl acetate	<1	µg/L		19000	7500
1/15/2015	WAL 15010142	INDUSTRY	G	isopropyl acetate	<1	µg/L		19000	7500
2/26/2015	LL 522525	IEUA	G	isopropyl acetate	<10	µg/L		19000	7500
4/9/2015	WAL 15040124	INDUSTRY	G	isopropyl acetate	<1	µg/L		19000	7500
8/19/2014	Amphastar Method	IEUA	G	m & p-Xylene	<10	µg/L			
2/26/2015	LL 522525	IEUA	G	m & p-Xylene	<10	µg/L			

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03/20/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
8/14/2014	WAL 14080165	INDUSTRY	G	Methylene chloride	<10	µg/L		2800	600
8/19/2014	1408244	IEUA	G	Methylene chloride	< 0.5	µg/L		2800	600
11/20/2014	WAL 14110245	INDUSTRY	G	Methylene chloride	<10	µg/L		2800	600
1/15/2015	WAL 15010142	INDUSTRY	G	Methylene chloride	<10	µg/L		2800	600
2/26/2015	1502329	IEUA	G	Methylene chloride	< 0.5	µg/L		2800	600
4/9/2015	WAL 15040124	INDUSTRY	G	Methylene chloride	<1	µg/L		2800	600
8/19/2014	1408244	IEUA	C	Mn	< 0.02	mg/L			
2/26/2015	1502329	IEUA	C	Mn	< 0.02	mg/L			
8/14/2014	WAL 14080165	INDUSTRY	G	n-amyl acetate	<1	µg/L		19000	7500
10/20/2014	Amphastar Method	IEUA	G	n-amyl acetate	<5	µg/L		19000	7500
11/20/2014	WAL 14110245	INDUSTRY	G	n-amyl acetate	<1	µg/L		19000	7500
1/15/2015	WAL 15010142	INDUSTRY	G	n-amyl acetate	<1	µg/L		19000	7500
2/26/2015	LL 522525	IEUA	G	n-amyl acetate	<5	µg/L		19000	7500
4/9/2015	WAL 15040124	INDUSTRY	G	n-amyl acetate	<1	µg/L		19000	7500
8/19/2014	1408244	IEUA	C	Ni	< 0.01	mg/L		45	
11/20/2014	WAL 14110245	INDUSTRY	C	Ni	0.04	mg/L		45	
2/26/2015	1502329	IEUA	C	Ni	< 0.01	mg/L		45	
4/9/2015	WAL 15040124	INDUSTRY	C	Ni	<0.02	mg/L		45	
8/19/2014	Amphastar Method	IEUA	G	o-Xylene	<5	µg/L			
2/26/2015	LL 522525	IEUA	G	o-Xylene	<5	µg/L			
8/19/2014	1408244	IEUA	C	Pb	< 0.02	mg/L		14	
11/20/2014	WAL 14110245	INDUSTRY	C	Pb	<0.03	mg/L		14	
2/26/2015	1502329	IEUA	C	Pb	< 0.02	mg/L		14	
4/9/2015	WAL 15040124	INDUSTRY	C	Pb	<0.03	mg/L		14	
8/19/2014	1408244	IEUA	Field	pH	6.78	pH Units		5.0-12.5	
11/20/2014	WAL 14110245	INDUSTRY	Field	pH	8.0	pH Units		5.0-12.5	
2/26/2015	1502329	IEUA	Field	pH	7.30	pH Units		5.0-12.5	
4/9/2015	WAL 15040124	INDUSTRY	Field	pH	7.3	pH Units		5.0-12.5	

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
8/19/2014	1408244	IEUA	C	Se	< 0.02	mg/L		
2/26/2015	1502329	IEUA	C	Se	< 0.02	mg/L		
8/19/2014	1408244	IEUA	C	TDS	102	mg/L		800
11/20/2014	WAL 14110245	INDUSTRY	C	TDS	80	mg/L		800
2/26/2015	1502329	IEUA	C	TDS	82	mg/L		800
4/9/2015	WAL 15040124	INDUSTRY	C	TDS	38	mg/L		800
8/19/2014	1408244	IEUA	Field	Temp	31	°C		60
11/20/2014	WAL 14110245	INDUSTRY	Field	Temp	24.4	°C		60
2/26/2015	1502329	IEUA	Field	Temp	36.4	°C		60
4/9/2015	WAL 15040124	INDUSTRY	Field	Temp	20.6	°C		60
7/31/2014	Flow	IU Flow Rpt	Measured	Total Gallons per Month	66136	Gallons		
8/31/2014		IU Flow Rpt	Measured	Total Gallons per Month	56053	Gallons		
9/30/2014		IU Flow Rpt	Measured	Total Gallons per Month	61224	Gallons		
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	87757	Gallons		
11/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	61528	Gallons		
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	58965	Gallons		
8/19/2014	1408244	IEUA	Field	TS	<0.1	mg/L		
2/26/2015	1502329	IEUA	Field	TS	<0.1	mg/L		
8/14/2014	WAL 14080165	INDUSTRY	C	TSS	<5	mg/L		
8/19/2014	1408244	IEUA	C	TSS	< 2	mg/L		
11/20/2014	WAL 14110245	INDUSTRY	C	TSS	<5	mg/L		
1/15/2015	WAL 15010142	INDUSTRY	C	TSS	<5	mg/L		
2/26/2015	1502329	IEUA	C	TSS	< 4	mg/L		
4/9/2015	WAL 15040124	INDUSTRY	C	TSS	12	mg/L		
8/19/2014	1408244	IEUA	C	Zn	0.03	mg/L		50
11/20/2014	WAL 14110245	INDUSTRY	C	Zn	<0.05	mg/L		50
2/26/2015	1502329	IEUA	C	Zn	0.03	mg/L		50
4/9/2015	WAL 15040124	INDUSTRY	C	Zn	0.01	mg/L		50

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
8/28/2014	1408365	IEUA	C	BOD5	968	mg/L			
12/10/2014	ARL 1412-00060	INDUSTRY	C	BOD5	667	mg/L			
3/31/2015	1503410	IEUA	C	BOD5	1030	mg/L			
6/10/2015	ARL 1506-00077	INDUSTRY	C	BOD5	325	mg/L			
8/28/2014	1408365	IEUA	Field	DS	<0.1	mg/L			
3/31/2015	1503410	IEUA	Field	DS	<0.1	mg/L			
10/31/2014	EDU_10/31/2014	IEUA	Calculated	EDU	100	units			493
12/10/2014	ARL 1412-00060	INDUSTRY	Metered	Flow-T	37969	gpd			40000
6/10/2015	ARL 1506-00077	INDUSTRY	Metered	Flow-T	29234	gpd			40000
8/28/2014	1408365	IEUA	G	Oil and Grease, Total	15	mg/L			
12/10/2014	ARL 1412-00060	INDUSTRY	G	Oil and Grease, Total	18	mg/L			
3/31/2015	1503410	IEUA	G	Oil and Grease, Total	< 6	mg/L			
6/10/2015	ARL 1506-00077	INDUSTRY	G	Oil and Grease, Total	9.0	mg/L			
8/28/2014	1408365	IEUA	Field	pH	9.34	pH Units			5-12.5
12/10/2014	ARL 1412-00060	INDUSTRY	Field	pH	5.16	pH Units			5-12.5
3/31/2015	1503410	IEUA	Field	pH	6.7	pH Units			5-12.5
6/10/2015	ARL 1506-00077	INDUSTRY	Field	pH	3.70	pH Units	NC		5-12.5
12/10/2014	ARL 1412-00060	INDUSTRY	C	TDS, Fixed	506	mg/L			800
3/31/2015	1503410	IEUA	C	TDS, Fixed	550	mg/L			800
6/10/2015	ARL 1506-00077	INDUSTRY	C	TDS, Fixed	470	mg/L			800
8/28/2014	1408365	IEUA	Field	Temp	31.1	°C			60
12/10/2014	ARL 1412-00060	INDUSTRY	Field	Temp	21.6	°C			60
3/31/2015	1503410	IEUA	Field	Temp	22.4	°C			60
6/10/2015	ARL 1506-00077	INDUSTRY	Field	Temp	22.2	°C			60
7/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	558539	Gallons			
8/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	623829	Gallons			
9/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	1024511	Gallons			
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	1144583	Gallons			

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11/30/2014

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
11/30/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	1098323	Gallons		
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	773356	Gallons		
1/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	741359	Gallons		
2/28/2015		IU Flow Rpt	Metered	Total Gallons per Month	1013247	Gallons		
3/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	1179747	Gallons		
8/28/2014	1408365	IEUA	Field	TS	<0.1	mg/L		
3/31/2015	1503410	IEUA	Field	TS	<0.1	mg/L		
8/28/2014	1408365	IEUA	C	TSS	364	mg/L		
12/10/2014	ARL 1412-00060	INDUSTRY	C	TSS	85	mg/L		
3/31/2015	1503410	IEUA	C	TSS	438	mg/L		
6/10/2015	ARL 1506-00077	INDUSTRY	C	TSS	30	mg/L		

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1/20/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
7/22/2014	ESB B4G2350-01	INDUSTRY	C	BOD5	850	mg/L		
7/30/2014	ESB B4G3245-01	INDUSTRY	C	BOD5	640	mg/L		
8/7/2014	ESB B4H0739-01	INDUSTRY	C	BOD5	740	mg/L		
8/15/2014	ESB B4H1637-01	INDUSTRY	C	BOD5	850	mg/L		
8/23/2014	ESB B4H2476-01	INDUSTRY	C	BOD5	650	mg/L		
8/26/2014	ESB B4H2685-01	INDUSTRY	C	BOD5	860	mg/L		
8/28/2014	1408365	IEUA	C	BOD5	683	mg/L		
9/8/2014	ESB B4I0761-01	INDUSTRY	C	BOD5	930	mg/L		
9/30/2014	ESB B4I3077-01,0	INDUSTRY	C	BOD5	570	mg/L		
10/21/2014	ESB B4J2216-01	INDUSTRY	C	BOD5	1000	mg/L		
10/29/2014	ESB B4J3002-01	INDUSTRY	C	BOD5	470	mg/L		
11/6/2014	1411070	IEUA	C	BOD5	821	mg/L		
12/19/2014	ESB B4L2388-01	INDUSTRY	C	BOD5	920	mg/L		
12/24/2014	ESB B4L2768-01	INDUSTRY	C	BOD5	720	mg/L		
12/31/2014	ESB B4L3143-01,0	INDUSTRY	C	BOD5	530	mg/L		
1/8/2015	ESB B5A0720-01	INDUSTRY	C	BOD5	590	mg/L		
3/19/2015	1503247	IEUA	C	BOD5	935	mg/L		
3/25/2015	ESB B5C2565-01,	INDUSTRY	C	BOD5	840	mg/L		
4/15/2015	1504175	IEUA	C	BOD5	710	mg/L		
5/7/2015	1505078	IEUA	C	BOD5	925	mg/L		
6/17/2015	ESB B5F1905-01,0	INDUSTRY	C	BOD5	680	mg/L		
8/28/2014	1408365	IEUA	Field	DS	<0.1	mg/L		
11/6/2014	1411070	IEUA	Field	DS	<0.1	mg/L		
12/16/2014	1412199	IEUA	Field	DS	<0.1	mg/L		
3/19/2015	1503247	IEUA	Field	DS	<0.1	mg/L		
4/15/2015	1504175	IEUA	Field	DS	<0.1	mg/L		
5/7/2015	1505078	IEUA	Field	DS	<0.1	mg/L		
7/22/2014	ESB B4G2350-01	INDUSTRY	Metered	Flow-T	130024	gpd		

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1/13/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
7/30/2014	ESB B4G3245-01	INDUSTRY	Metered	Flow-T	131139	gpd		
8/15/2014	ESB B4H1637-01	INDUSTRY	Metered	Flow-T	142113	gpd		
8/23/2014	ESB B4H2476-01	INDUSTRY	Metered	Flow-T	88302	gpd		
9/8/2014	ESB B4I0761-01	INDUSTRY	Metered	Flow-T	101407	gpd		
9/30/2014	ESB B4I3077-01,0	INDUSTRY	Metered	Flow-T	138979	gpd		
10/21/2014	ESB B4J2216-01	INDUSTRY	Metered	Flow-T	122930	gpd		
12/24/2014	ESB B4L2768-01	INDUSTRY	Metered	Flow-T	124251	gpd		
12/31/2014	ESB B4L3143-01,0	INDUSTRY	Metered	Flow-T	89219	gpd		
1/8/2015	ESB B5A0720-01	INDUSTRY	Metered	Flow-T	174130	gpd		
3/25/2015	ESB B5C2565-01,	INDUSTRY	Metered	Flow-T	134662	gpd		
6/17/2015	ESB B5F1905-01,0	INDUSTRY	Metered	Flow-T	134088	gpd		
7/22/2014	ESB B4G2350-01	INDUSTRY	Field	pH	7.3	pH Units		5.0 - 12.5
7/30/2014	ESB B4G3245-01	INDUSTRY	Field	pH	6.8	pH Units		5.0 - 12.5
8/7/2014	ESB B4H0739-01	INDUSTRY	G	pH	8.1	units		
8/15/2014	ESB B4H1637-01	INDUSTRY	G	pH	7.9	units		
8/23/2014	ESB B4H2476-01	INDUSTRY	Field	pH	6.6	pH Units		5.0 - 12.5
8/26/2014	ESB B4H2685-01	INDUSTRY	Field	pH	7.9	pH Units		5.0 - 12.5
8/28/2014	1408365	IEUA	Field	pH	6.77	pH Units		5.0 - 12.5
9/8/2014	ESB B4I0761-01	INDUSTRY	Field	pH	7.8	pH Units		5.0 - 12.5
9/30/2014	ESB B4I3077-01,0	INDUSTRY	Field	pH	7.38	pH Units		5.0 - 12.5
10/21/2014	ESB B4J2216-01	INDUSTRY	Field	pH	6.6	pH Units		5.0 - 12.5
10/29/2014	ESB B4J3002-01	INDUSTRY	Field	pH	7.2	pH Units		5.0 - 12.5
11/6/2014	1411070	IEUA	Field	pH	6.10	pH Units		5.0 - 12.5
12/16/2014	1412199	IEUA	Field	pH	7.16	pH Units		5.0 - 12.5
12/19/2014	ESB B4L2388-01	INDUSTRY	Field	pH	7.4	pH Units		5.0 - 12.5
12/24/2014	ESB B4L2768-01	INDUSTRY	Field	pH	7.8	pH Units		5.0 - 12.5
12/31/2014	ESB B4L3143-01,0	INDUSTRY	Field	pH	7.82	pH Units		5.0 - 12.5
1/8/2015	ESB B5A0720-01	INDUSTRY	Field	pH	7.4	pH Units		5.0 - 12.5

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							In NC	Daily Monthly
3/19/2015	1503247	IEUA	Field	pH	6.2	pH Units		5.0 - 12.5
3/25/2015	ESB B5C2565-01,	INDUSTRY	Field	pH	7.95	pH Units		5.0 - 12.5
4/15/2015	1504175	IEUA	Field	pH	6.60	pH Units		5.0 - 12.5
5/7/2015	1505078	IEUA	Field	pH	6.20	pH Units		5.0 - 12.5
6/17/2015	ESB B5F1905-01,0	INDUSTRY	Field	pH	7.58	pH Units		5.0 - 12.5
7/22/2014	ESB B4G2350-01	INDUSTRY	C	TDS	770	mg/L		
7/30/2014	ESB B4G3245-01	INDUSTRY	C	TDS	720	mg/L		
8/15/2014	ESB B4H1637-01	INDUSTRY	C	TDS	700	mg/L		
8/23/2014	ESB B4H2476-01	INDUSTRY	C	TDS	850	mg/L		
8/26/2014	ESB B4H2685-01	INDUSTRY	C	TDS	1000	mg/L		
8/28/2014	1408365	IEUA	C	TDS	640	mg/L		
9/8/2014	ESB B4I0761-01	INDUSTRY	C	TDS	900	mg/L		
9/30/2014	ESB B4I3077-01,0	INDUSTRY	C	TDS	890	mg/L		
10/21/2014	ESB B4J2216-01	INDUSTRY	C	TDS	740	mg/L		
10/29/2014	ESB B4J3002-01	INDUSTRY	C	TDS	740	mg/L		
11/6/2014	1411070	IEUA	C	TDS	1070	mg/L		
12/19/2014	ESB B4L2388-01	INDUSTRY	C	TDS	830	mg/L		
12/24/2014	ESB B4L2768-01	INDUSTRY	C	TDS	720	mg/L		
12/31/2014	ESB B4L3143-01,0	INDUSTRY	C	TDS	570	mg/L		
1/8/2015	ESB B5A0720-01	INDUSTRY	C	TDS	720	mg/L		
3/19/2015	1503247	IEUA	C	TDS	1100	mg/L		
3/25/2015	ESB B5C2565-01,	INDUSTRY	C	TDS	710	mg/L		
4/15/2015	1504175	IEUA	C	TDS	720	mg/L		
5/7/2015	1505078	IEUA	C	TDS	1430	mg/L		
6/17/2015	ESB B5F1905-01,0	INDUSTRY	C	TDS	900	mg/L		
7/22/2014	ESB B4G2350-01	INDUSTRY	C	TDS, Fixed	330	mg/L		550
7/30/2014	ESB B4G3245-01	INDUSTRY	C	TDS, Fixed	350	mg/L		550
8/15/2014	ESB B4H1637-01	INDUSTRY	C	TDS, Fixed	430	mg/L		550

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								Daily	Monthly
8/23/2014	ESB B4H2476-01	INDUSTRY	C	TDS, Fixed	480	mg/L		550	
8/26/2014	ESB B4H2685-01	INDUSTRY	C	TDS, Fixed	510	mg/L		550	
8/28/2014	1408365	IEUA	C	TDS, Fixed	475	mg/L		550	
9/8/2014	ESB B4I0761-01	INDUSTRY	C	TDS, Fixed	410	mg/L		550	
9/30/2014	ESB B4I3077-01,0	INDUSTRY	C	TDS, Fixed	270	mg/L		550	
10/21/2014	ESB B4J2216-01	INDUSTRY	C	TDS, Fixed	400	mg/L		550	
10/29/2014	ESB B4J3002-01	INDUSTRY	C	TDS, Fixed	460	mg/L		550	
11/6/2014	1411070	IEUA	C	TDS, Fixed	750	mg/L	NC	550	
12/16/2014	1412199	IEUA	C	TDS, Fixed	520	mg/L		550	
12/19/2014	ESB B4L2388-01	NC sample	C	TDS, Fixed	460	mg/L		550	
12/24/2014	ESB B4L2768-01	NC sample	C	TDS, Fixed	390	mg/L		550	
12/31/2014	ESB B4L3143-01,0	INDUSTRY	C	TDS, Fixed	460	mg/L		550	
1/8/2015	ESB B5A0720-01	NC sample	C	TDS, Fixed	440	mg/L		550	
3/19/2015	1503247	IEUA	C	TDS, Fixed	496	mg/L		550	
3/25/2015	ESB B5C2565-01,	INDUSTRY	C	TDS, Fixed	360	mg/L		550	
4/15/2015	1504175	IEUA	C	TDS, Fixed	504	mg/L		550	
5/7/2015	1505078	IEUA	C	TDS, Fixed	504	mg/L		550	
6/17/2015	ESB B5F1905-01,0	INDUSTRY	C	TDS, Fixed	390	mg/L		550	
8/28/2014	1408365	IEUA	Field	Temp	32.2	°C		60	
11/6/2014	1411070	IEUA	Field	Temp	28.6	°C		60	
12/16/2014	1412199	IEUA	Field	Temp	21.3	°C		60	
3/19/2015	1503247	IEUA	Field	Temp	24.5	°C		60	
4/15/2015	1504175	IEUA	Field	Temp	23.4	°C		60	
5/7/2015	1505078	IEUA	Field	Temp	21.7	°C		60	
1/31/2015	Flow	IU Flow Rpt	Measured	Total Gallons per Month	3564293	Gallons			
2/28/2015		IU Flow Rpt	Measured	Total Gallons per Month	3678379	Gallons			
3/31/2015		IU Flow Rpt	Measured	Total Gallons per Month	3740172	Gallons			
4/30/2015		IU Flow Rpt	Measured	Total Gallons per Month	3860021	Gallons			

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<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
5/31/2015	Flow	IU Flow Rpt	Measured	Total Gallons per Month	3664361	Gallons		
8/28/2014	1408365	IEUA	Field	TS	<0.1	mg/L		
11/6/2014	1411070	IEUA	Field	TS	<0.1	mg/L		
12/16/2014	1412199	IEUA	Field	TS	<0.1	mg/L		
3/19/2015	1503247	IEUA	Field	TS	<0.1	mg/L		
4/15/2015	1504175	IEUA	Field	TS	<0.1	mg/L		
5/7/2015	1505078	IEUA	Field	TS	<0.1	mg/L		
7/22/2014	ESB B4G2350-01	INDUSTRY	C	TSS	450	mg/L		
7/30/2014	ESB B4G3245-01	INDUSTRY	C	TSS	810	mg/L		
8/7/2014	ESB B4H0739-01	INDUSTRY	C	TSS	400	mg/L		
8/15/2014	ESB B4H1637-01	INDUSTRY	C	TSS	310	mg/L		
8/23/2014	ESB B4H2476-01	INDUSTRY	C	TSS	650	mg/L		
8/26/2014	ESB B4H2685-01	INDUSTRY	C	TSS	240	mg/L		
8/28/2014	1408365	IEUA	C	TSS	244	mg/L		
9/8/2014	ESB B4I0761-01	INDUSTRY	C	TSS	760	mg/L		
9/30/2014	ESB B4I3077-01,0	INDUSTRY	C	TSS	560	mg/L		
10/21/2014	ESB B4J2216-01	INDUSTRY	C	TSS	560	mg/L		
10/29/2014	ESB B4J3002-01	INDUSTRY	C	TSS	330	mg/L		
11/6/2014	1411070	IEUA	C	TSS	578	mg/L		
12/24/2014	ESB B4L2768-01	INDUSTRY	C	TSS	350	mg/L		
12/31/2014	ESB B4L3143-01,0	INDUSTRY	C	TSS	660	mg/L		
1/8/2015	ESB B5A0720-01	INDUSTRY	C	TSS	120	mg/L		
3/19/2015	1503247	IEUA	C	TSS	278	mg/L		
3/25/2015	ESB B5C2565-01,	INDUSTRY	C	TSS	420	mg/L		
4/15/2015	1504175	IEUA	C	TSS	293	mg/L		
5/7/2015	1505078	IEUA	C	TSS	366	mg/L		
6/17/2015	ESB B5F1905-01,0	INDUSTRY	C	TSS	140	mg/L		

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7/11/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
7/10/2014	WAL 14070106	INDUSTRY	C	BOD5	34	mg/L		
7/31/2014	1407401	IEUA	C	BOD5	27	mg/L		
8/5/2014	WAL 14080016	INDUSTRY	C	BOD5	40	mg/L		
9/4/2014	WAL 14080409	INDUSTRY	C	BOD5	11	mg/L		
10/9/2014	WAL 14100094	INDUSTRY	C	BOD5	29	mg/L		
11/6/2014	1411070	IEUA	C	BOD5	20	mg/L		
11/7/2014	WAL 14110076	INDUSTRY	C	BOD5	20	mg/L		
12/16/2014	WAL 14120350	INDUSTRY	C	BOD5	25	mg/L		
1/8/2015	WAL 15010047	INDUSTRY	C	BOD5	41	mg/L		
2/18/2015	WAL 15020165	INDUSTRY	C	BOD5	39	mg/L		
3/5/2015	WAL 15030031	INDUSTRY	C	BOD5	13	mg/L		
3/19/2015	1503247	IEUA	C	BOD5	26	mg/L		
4/2/2015	WAL 15040009	INDUSTRY	C	BOD5	30	mg/L		
5/7/2015	1505078	IEUA	C	BOD5	33	mg/L		
5/14/2015	WAL 15050165	INDUSTRY	C	BOD5	40	mg/L		
6/25/2015	WAL 15060273	INDUSTRY	C	BOD5	11	mg/L		
7/31/2014	1407401	IEUA	Field	DS	<0.1	mg/L		
11/6/2014	1411070	IEUA	Field	DS	<0.1	mg/L		
12/16/2014	1412199	IEUA	Field	DS	<0.1	mg/L		
3/19/2015	1503247	IEUA	Field	DS	<0.1	mg/L		
5/7/2015	1505078	IEUA	Field	DS	<0.1	mg/L		
7/10/2014	WAL 14070106	INDUSTRY	Metered	Flow-P	33	gpm		
		INDUSTRY	Metered	Flow-T	23700	gpd		48000
8/5/2014	WAL 14080016	INDUSTRY	Metered	Flow-T	14200	gpd		48000
9/4/2014	WAL 14080409	INDUSTRY	Metered	Flow-T	27500	gpd		48000
10/9/2014	WAL 14100094	INDUSTRY	Metered	Flow-T	38700	gpd		48000
11/7/2014	WAL 14110076	INDUSTRY	Metered	Flow-T	47400	gpd		48000
11/18/2014	WAL 14110198	INDUSTRY	Metered	Flow-T	39000	gpd		48000

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							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
12/16/2014	WAL 14120350	INDUSTRY	Metered	Flow-T	27600	gpd		48000
1/8/2015	WAL 15010047	INDUSTRY	Metered	Flow-T	31700	gpd		48000
2/18/2015	WAL 15020165	INDUSTRY	Metered	Flow-T	20400	gpd		48000
3/5/2015	WAL 15030031	INDUSTRY	Metered	Flow-T	23400	gpd		48000
4/2/2015	WAL 15040009	INDUSTRY	Metered	Flow-T	19400	gpd		48000
5/14/2015	WAL 15050165	INDUSTRY	Metered	Flow-T	25000	gpd		48000
6/25/2015	WAL 15060273	INDUSTRY	Metered	Flow-T	18800	gpd		48000
7/10/2014	WAL 14070106	INDUSTRY	G	Oil and Grease, Total	13	mg/L		
7/31/2014	1407401	IEUA	G	Oil and Grease, Total	9	mg/L		
11/6/2014	1411070	IEUA	G	Oil and Grease, Total	8	mg/L		
1/8/2015	WAL 15010047	INDUSTRY	G	Oil and Grease, Total	64	mg/L		
3/19/2015	1503247	IEUA	G	Oil and Grease, Total	11	mg/L		
5/7/2015	1505078	IEUA	G	Oil and Grease, Total	11	mg/L		
7/10/2014	WAL 14070106	INDUSTRY	Field	pH	8.7	pH Units		5.0 - 12.5
7/31/2014	1407401	IEUA	Field	pH	8.03	pH Units		5.0 - 12.5
11/6/2014	1411070	IEUA	Field	pH	6.92	pH Units		5.0 - 12.5
12/16/2014	1412199	IEUA	Field	pH	6.83	pH Units		5.0 - 12.5
1/8/2015	WAL 15010047	INDUSTRY	Field	pH	8.3	pH Units		5.0 - 12.5
3/19/2015	1503247	IEUA	Field	pH	7.7	pH Units		5.0 - 12.5
5/7/2015	1505078	IEUA	Field	pH	7.60	pH Units		5.0 - 12.5
7/10/2014	WAL 14070106	INDUSTRY	C	TDS	725	mg/L		
7/31/2014	1407401	IEUA	C	TDS	746	mg/L		
8/5/2014	WAL 14080016	INDUSTRY	C	TDS	886	mg/L		
9/4/2014	WAL 14080409	INDUSTRY	C	TDS	776	mg/L		
10/9/2014	WAL 14100094	INDUSTRY	C	TDS	734	mg/L		
11/6/2014	1411070	IEUA	C	TDS	1210	mg/L		
11/7/2014	WAL 14110076	INDUSTRY	C	TDS	983	mg/L		
11/18/2014	WAL 14110198	INDUSTRY	C	TDS	957	mg/L		

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12/23/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
12/2/2014	WAL 14120024	NC sample	C	TDS	438	mg/L			
12/9/2014	WAL 14120196	NC sample	C	TDS	702	mg/L			
12/16/2014	WAL 14120350	INDUSTRY	C	TDS	683	mg/L			
12/23/2014	WAL 14120466	NC sample	C	TDS	875	mg/L			
12/30/2014	WAL 14120508	NC sample	C	TDS	784	mg/L			
1/6/2015	WAL 15010018	NC sample	C	TDS	824	mg/L			
1/8/2015	WAL 15010047	INDUSTRY	C	TDS	739	mg/L			
2/18/2015	WAL 15020165	INDUSTRY	C	TDS	452	mg/L			
3/5/2015	WAL 15030031	INDUSTRY	C	TDS	626	mg/L			
3/19/2015	1503247	IEUA	C	TDS	612	mg/L			
4/2/2015	WAL 15040009	INDUSTRY	C	TDS	685	mg/L			
5/7/2015	1505078	IEUA	C	TDS	554	mg/L			
5/14/2015	WAL 15050165	INDUSTRY	C	TDS	525	mg/L			
6/25/2015	WAL 15060273	INDUSTRY	C	TDS	568	mg/L			
7/10/2014	WAL 14070106	INDUSTRY	C	TDS, Fixed	505	mg/L			800
7/31/2014	1407401	IEUA	C	TDS, Fixed	698	mg/L			800
8/5/2014	WAL 14080016	INDUSTRY	C	TDS, Fixed	701	mg/L			800
9/4/2014	WAL 14080409	INDUSTRY	C	TDS, Fixed	570	mg/L			800
10/9/2014	WAL 14100094	INDUSTRY	C	TDS, Fixed	515	mg/L			800
11/6/2014	1411070	IEUA	C	TDS, Fixed	1140	mg/L	NC		800
11/7/2014	WAL 14110076	INDUSTRY	C	TDS, Fixed	905	mg/L	NC		800
11/18/2014	WAL 14110198	INDUSTRY	C	TDS, Fixed	819	mg/L	NC		800
12/2/2014	WAL 14120024	NC sample	C	TDS, Fixed	262	mg/L			800
12/9/2014	WAL 14120196	NC sample	C	TDS, Fixed	516	mg/L			800
12/16/2014	1412199	IEUA	C	TDS, Fixed	772	mg/L			800
	WAL 14120350	INDUSTRY	C	TDS, Fixed	549	mg/L			800
12/23/2014	WAL 14120466	NC sample	C	TDS, Fixed	694	mg/L			800
12/30/2014	WAL 14120508	NC sample	C	TDS, Fixed	571	mg/L			800

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1/1/2015

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							In NC	Daily Monthly
1/6/2015	WAL 15010018	NC sample	C	TDS, Fixed	726	mg/L		800
1/8/2015	WAL 15010047	INDUSTRY	C	TDS, Fixed	628	mg/L		800
2/18/2015	WAL 15020165	INDUSTRY	C	TDS, Fixed	274	mg/L		800
3/5/2015	WAL 15030031	INDUSTRY	C	TDS, Fixed	582	mg/L		800
3/19/2015	1503247	IEUA	C	TDS, Fixed	566	mg/L		800
4/2/2015	WAL 15040009	INDUSTRY	C	TDS, Fixed	651	mg/L		800
5/7/2015	1505078	IEUA	C	TDS, Fixed	506	mg/L		800
5/14/2015	WAL 15050165	INDUSTRY	C	TDS, Fixed	465	mg/L		800
6/25/2015	WAL 15060273	INDUSTRY	C	TDS, Fixed	486	mg/L		800
7/10/2014	WAL 14070106	INDUSTRY	Field	Temp	30.5	°C		60
7/31/2014	1407401	IEUA	Field	Temp	32.6	°C		60
11/6/2014	1411070	IEUA	Field	Temp	30.4	°C		60
12/16/2014	1412199	IEUA	Field	Temp	23.6	°C		60
1/8/2015	WAL 15010047	INDUSTRY	Field	Temp	20.6	°C		60
3/19/2015	1503247	IEUA	Field	Temp	27	°C		60
5/7/2015	1505078	IEUA	Field	Temp	27.3	°C		60
7/31/2014	1407401	IEUA	Field	TS	<0.1	mg/L		
11/6/2014	1411070	IEUA	Field	TS	<0.1	mg/L		
12/16/2014	1412199	IEUA	Field	TS	<0.1	mg/L		
3/19/2015	1503247	IEUA	Field	TS	<0.1	mg/L		
5/7/2015	1505078	IEUA	Field	TS	<0.1	mg/L		
7/10/2014	WAL 14070106	INDUSTRY	C	TSS	40	mg/L		
7/31/2014	1407401	IEUA	C	TSS	18	mg/L		
8/5/2014	WAL 14080016	INDUSTRY	C	TSS	32	mg/L		
9/4/2014	WAL 14080409	INDUSTRY	C	TSS	64	mg/L		
10/9/2014	WAL 14100094	INDUSTRY	C	TSS	94	mg/L		
11/6/2014	1411070	IEUA	C	TSS	13	mg/L		
11/7/2014	WAL 14110076	INDUSTRY	C	TSS	76	mg/L		

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12/10/2014

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							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
12/16/2014	WAL 14120350	INDUSTRY	C	TSS	35	mg/L		
1/8/2015	WAL 15010047	INDUSTRY	C	TSS	17	mg/L		
2/18/2015	WAL 15020165	INDUSTRY	C	TSS	51	mg/L		
3/5/2015	WAL 15030031	INDUSTRY	C	TSS	24	mg/L		
3/19/2015	1503247	IEUA	C	TSS	22	mg/L		
4/2/2015	WAL 15040009	INDUSTRY	C	TSS	35	mg/L		
5/7/2015	1505078	IEUA	C	TSS	45	mg/L		
5/14/2015	WAL 15050165	INDUSTRY	C	TSS	24	mg/L		
6/25/2015	WAL 15060273	INDUSTRY	C	TSS	10	mg/L		

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3/22/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily
8/19/2014	1408245	IEUA	G	1,1,1-Trichloroethane	< 50	µg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	1,1,1-Trichloroethane	<5.0	µg/L		
2/26/2015	1502329	IEUA	G	1,1,1-Trichloroethane	< 50	µg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	1,1,1-Trichloroethane	<5.0	µg/L		
8/19/2014	1408245	IEUA	G	Acenaphthene	< 20	µg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	Acenaphthene	<10	µg/L		
2/26/2015	1502329	IEUA	G	Acenaphthene	< 10	µg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	Acenaphthene	<11	µg/L		
7/16/2014	ESB B4G1913-01,	INDUSTRY	C	Ag	<0.010	mg/L		0.35 0.19
8/19/2014	1408245	IEUA	C	Ag	< 0.01	mg/L		0.35 0.19
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	Ag	<0.010	mg/L		0.35 0.19
11/6/2014	1411070	IEUA	C	Ag	< 0.01	mg/L		0.35 0.19
1/13/2015	ESB B5A1344-01	INDUSTRY	C	Ag	<0.01	mg/L		0.35 0.19
2/26/2015	1502329	IEUA	C	Ag	0.03	mg/L		0.35 0.19
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	Ag	0.031	mg/L		0.35 0.19
5/7/2015	1505078	IEUA	C	Ag	< 0.01	mg/L		0.35 0.19
8/19/2014	1408245	IEUA	C	As	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	As	< 0.01	mg/L		
2/26/2015	1502329	IEUA	C	As	< 0.01	mg/L		
5/7/2015	1505078	IEUA	C	As	< 0.01	mg/L		
8/19/2014	1408245	IEUA	C	Ba	0.05	mg/L		
11/6/2014	1411070	IEUA	C	Ba	0.06	mg/L		
2/26/2015	1502329	IEUA	C	Ba	0.06	mg/L		
5/7/2015	1505078	IEUA	C	Ba	0.06	mg/L		
8/19/2014	1408245	IEUA	G	Bis(2-ethylhexyl)phthalate	< 40	µg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	Bis(2-ethylhexyl)phthalate	<3.0	µg/L		
2/26/2015	1502329	IEUA	G	Bis(2-ethylhexyl)phthalate	< 20	µg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	Bis(2-ethylhexyl)phthalate	<3.3	µg/L		

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03/16/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily
8/19/2014	1408245	IEUA	C	BOD5	52	mg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	BOD5	60	mg/L		
11/6/2014	1411070	IEUA	C	BOD5	302	mg/L		
2/26/2015	1502329	IEUA	C	BOD5	114	mg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	BOD5	100	mg/L		
5/7/2015	1505078	IEUA	C	BOD5	112	mg/L		
7/16/2014	ESB B4G1913-01,	INDUSTRY	C	Cd	<0.0020	mg/L		0.088 0.056
8/19/2014	1408245	IEUA	C	Cd	< 0.01	mg/L		0.088 0.056
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	Cd	<0.0020	mg/L		0.088 0.056
11/6/2014	1411070	IEUA	C	Cd	< 0.01	mg/L		0.088 0.056
1/13/2015	ESB B5A1344-01	INDUSTRY	C	Cd	<0.002	mg/L		0.088 0.056
2/26/2015	1502329	IEUA	C	Cd	< 0.01	mg/L		0.088 0.056
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	Cd	<0.0020	mg/L		0.088 0.056
5/7/2015	1505078	IEUA	C	Cd	< 0.01	mg/L		0.088 0.056
8/19/2014	1408245	IEUA	G	Chloroform	< 50	µg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	Chloroform	<5.0	µg/L		
2/26/2015	1502329	IEUA	G	Chloroform	< 50	µg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	Chloroform	<5.0	µg/L		
7/16/2014	ESB B4G1913-01,	INDUSTRY	G	CN	<0.005	mg/L		0.97 0.52
8/19/2014	1408245	IEUA	G	CN	<0.005	mg/L		0.97 0.52
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	CN	<0.005	mg/L		0.97 0.52
1/13/2015	ESB B5A1344-01	INDUSTRY	G	CN	<0.005	mg/L		0.97 0.52
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	CN	<0.005	mg/L		0.97 0.52
11/6/2014	1411070	IEUA	G	CN, Total	< 0.005	mg/L		
2/26/2015	1502329	IEUA	G	CN, Total	< 0.005	mg/L		
5/7/2015	1505078	IEUA	G	CN, Total	< 0.02	mg/L		
8/19/2014	1408245	IEUA	C	Co	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	Co	< 0.01	mg/L		

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							In NC	Daily
2/26/2015	1502329	IEUA	C	Co	< 0.01	mg/L		
5/7/2015	1505078	IEUA	C	Co	< 0.01	mg/L		
7/16/2014	ESB B4G1913-01,	INDUSTRY	C	Cr	<0.010	mg/L		2.23 1.38
8/19/2014	1408245	IEUA	C	Cr	< 0.01	mg/L		2.23 1.38
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	Cr	<0.020	mg/L		2.23 1.38
11/6/2014	1411070	IEUA	C	Cr	0.02	mg/L		2.23 1.38
1/13/2015	ESB B5A1344-01	INDUSTRY	C	Cr	<0.02	mg/L		2.23 1.38
2/26/2015	1502329	IEUA	C	Cr	< 0.01	mg/L		2.23 1.38
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	Cr	<0.020	mg/L		2.23 1.38
5/7/2015	1505078	IEUA	C	Cr	< 0.01	mg/L		2.23 1.38
7/16/2014	ESB B4G1913-01,	INDUSTRY	C	Cu	<0.010	mg/L		1.73 1.04
8/19/2014	1408245	IEUA	C	Cu	< 0.02	mg/L		1.73 1.04
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	Cu	<0.010	mg/L		1.73 1.04
11/6/2014	1411070	IEUA	C	Cu	< 0.02	mg/L		1.73 1.04
1/13/2015	ESB B5A1344-01	INDUSTRY	C	Cu	0.011	mg/L		1.73 1.04
2/26/2015	1502329	IEUA	C	Cu	< 0.02	mg/L		1.73 1.04
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	Cu	<0.010	mg/L		1.73 1.04
5/7/2015	1505078	IEUA	C	Cu	< 0.02	mg/L		1.73 1.04
8/19/2014	1408245	IEUA	Field	DS	<0.1	mg/L		
11/6/2014	1411070	IEUA	Field	DS	<0.1	mg/L		
2/26/2015	1502329	IEUA	Field	DS	<0.1	mg/L		
5/7/2015	1505078	IEUA	Field	DS	<0.1	mg/L		
8/19/2014	1408245	IEUA	C	Fe	1.31	mg/L		
11/6/2014	1411070	IEUA	C	Fe	2.22	mg/L		
2/26/2015	1502329	IEUA	C	Fe	0.7	mg/L		
5/7/2015	1505078	IEUA	C	Fe	1.68	mg/L		
1/13/2015	ESB B5A1344-01	INDUSTRY	Measured	Flow-T	7341	gpd		
8/19/2014	1408245	IEUA	G	Methylene chloride	< 50	µg/L		

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							In NC	Daily
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	Methylene chloride	<30	µg/L		
2/26/2015	1502329	IEUA	G	Methylene chloride	< 50	µg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	Methylene chloride	<30	µg/L		
8/19/2014	1408245	IEUA	C	Mn	0.06	mg/L		
11/6/2014	1411070	IEUA	C	Mn	0.08	mg/L		
2/26/2015	1502329	IEUA	C	Mn	0.03	mg/L		
5/7/2015	1505078	IEUA	C	Mn	0.09	mg/L		
		IEUA	C	Mo	< 0.01	mg/L		
7/16/2014	ESB B4G1913-01,	INDUSTRY	C	Ni	<0.020	mg/L		3.2 1.91
8/19/2014	1408245	IEUA	C	Ni	< 0.01	mg/L		3.2 1.91
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	Ni	<0.020	mg/L		3.2 1.91
11/6/2014	1411070	IEUA	C	Ni	< 0.01	mg/L		3.2 1.91
1/13/2015	ESB B5A1344-01	INDUSTRY	C	Ni	<0.02	mg/L		3.2 1.91
2/26/2015	1502329	IEUA	C	Ni	< 0.01	mg/L		3.2 1.91
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	Ni	<0.020	mg/L		3.2 1.91
5/7/2015	1505078	IEUA	C	Ni	< 0.01	mg/L		3.2 1.91
7/16/2014	ESB B4G1913-01,	INDUSTRY	C	Pb	<0.010	mg/L		1.02 0.54
8/19/2014	1408245	IEUA	C	Pb	< 0.02	mg/L		1.02 0.54
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	Pb	<0.010	mg/L		1.02 0.54
11/6/2014	1411070	IEUA	C	Pb	< 0.02	mg/L		1.02 0.54
1/13/2015	ESB B5A1344-01	INDUSTRY	C	Pb	<0.01	mg/L		1.02 0.54
2/26/2015	1502329	IEUA	C	Pb	< 0.02	mg/L		1.02 0.54
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	Pb	<0.010	mg/L		1.02 0.54
5/7/2015	1505078	IEUA	C	Pb	< 0.02	mg/L		1.02 0.54
7/16/2014	ESB B4G1913-01,	INDUSTRY	Field	pH	6.68	pH Units		5.0 - 12.5
8/19/2014	1408245	IEUA	Field	pH	6.1	pH Units		5.0 - 12.5
10/14/2014	ESB B4J1457-01,0	INDUSTRY	Field	pH	6.26	pH Units		5.0 - 12.5
11/6/2014	1411070	IEUA	Field	pH	7.75	pH Units		5.0 - 12.5

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1/1/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
1/13/2015	ESB B5A1344-01	INDUSTRY	Field	pH	8	pH Units		5.0 - 12.5
2/26/2015	1502329	IEUA	Field	pH	7.70	pH Units		5.0 - 12.5
4/14/2015	ESB B5D1399-01,	INDUSTRY	Field	pH	6.81	pH Units		5.0 - 12.5
5/7/2015	1505078	IEUA	Field	pH	8.20	pH Units		5.0 - 12.5
8/19/2014	1408245	IEUA	G	Pyrene	< 20	µg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	Pyrene	<10	µg/L		
2/26/2015	1502329	IEUA	G	Pyrene	< 10	µg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	Pyrene	<11	µg/L		
8/19/2014	1408245	IEUA	C	Se	< 0.02	mg/L		
11/6/2014	1411070	IEUA	C	Se	< 0.02	mg/L		
2/26/2015	1502329	IEUA	C	Se	< 0.02	mg/L		
5/7/2015	1505078	IEUA	C	Se	< 0.02	mg/L		
7/16/2014	ESB B4G1913-01,	INDUSTRY	C	TDS	300	mg/L		800
8/19/2014	1408245	IEUA	C	TDS	416	mg/L		800
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	TDS	250	mg/L		800
11/6/2014	1411070	IEUA	C	TDS	496	mg/L		800
1/13/2015	ESB B5A1344-01	INDUSTRY	C	TDS	340	mg/L		800
2/26/2015	1502329	IEUA	C	TDS	604	mg/L		800
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	TDS	380	mg/L		800
5/7/2015	1505078	IEUA	C	TDS	280	mg/L		800
8/19/2014	1408245	IEUA	Field	Temp	27.5	°C		
11/6/2014	1411070	IEUA	Field	Temp	25.3	°C		
2/26/2015	1502329	IEUA	Field	Temp	18.9	°C		
5/7/2015	1505078	IEUA	Field	Temp	21.2	°C		
2/26/2015	1502329	IEUA	G	Tetrachloroethene	< 50	µg/L		
8/19/2014	1408245	IEUA	G	Tetrachloroethylene	<50	µg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	Tetrachloroethylene	<5.0	µg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	Tetrachloroethylene	<5.0	µg/L		

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7/31/2014

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u>
7/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	176509	Gallons		
8/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	205588	Gallons		
9/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	234112	Gallons		
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	196773	Gallons		
11/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	159352	Gallons		
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	177419	Gallons		
1/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	150920	Gallons		
2/28/2015		IU Flow Rpt	Metered	Total Gallons per Month	148475	Gallons		
3/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	176860	Gallons		
2/26/2015	1502329	IEUA	G	Trichloroethene	< 50	µg/L		
8/19/2014	1408245	IEUA	G	Trichloroethylene	<50	µg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	Trichloroethylene	<5.0	µg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	Trichloroethylene	<5.0	µg/L		
8/19/2014	1408245	IEUA	Field	TS	<0.1	mg/L		
11/6/2014	1411070	IEUA	Field	TS	<0.1	mg/L		
2/26/2015	1502329	IEUA	Field	TS	<0.1	mg/L		
5/7/2015	1505078	IEUA	Field	TS	<0.1	mg/L		
8/19/2014	1408245	IEUA	C	TSS	27	mg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	TSS	27	mg/L		
11/6/2014	1411070	IEUA	C	TSS	79	mg/L		
2/26/2015	1502329	IEUA	C	TSS	21	mg/L		
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	TSS	58	mg/L		
5/7/2015	1505078	IEUA	C	TSS	34	mg/L		
10/14/2014	ESB B4J1457-01,0	INDUSTRY	G	TTO	<0.030	mg/L	2.09	0.80
4/14/2015	ESB B5D1399-01,	INDUSTRY	G	TTO	<0.052	mg/L	2.09	0.80
7/16/2014	ESB B4G1913-01,	INDUSTRY	C	Zn	0.022	mg/L	2.33	1.08
8/19/2014	1408245	IEUA	C	Zn	< 0.02	mg/L	2.33	1.08
10/14/2014	ESB B4J1457-01,0	INDUSTRY	C	Zn	0.021	mg/L	2.33	1.08

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11/17/2014

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>		
							<u>In NC</u>	<u>Daily</u>	<u>Monthly</u>
11/6/2014	1411070	IEUA	C	Zn	0.03	mg/L		2.33	1.08
1/13/2015	ESB B5A1344-01	INDUSTRY	C	Zn	0.019	mg/L		2.33	1.08
2/26/2015	1502329	IEUA	C	Zn	0.03	mg/L		2.33	1.08
4/14/2015	ESB B5D1399-01,	INDUSTRY	C	Zn	0.011	mg/L		2.33	1.08
5/7/2015	1505078	IEUA	C	Zn	< 0.02	mg/L		2.33	1.08

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1/20/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
7/22/2014	1407276	IEUA	C	BOD5	2980	mg/L		
12/18/2014	ESB B4L2289-01,0	INDUSTRY	C	BOD5	720	mg/L		
1/8/2015	ESB B5A0737-01	INDUSTRY	C	BOD5	2400	mg/L		
1/15/2015	ESB B5A1480-01	INDUSTRY	C	BOD5	1300	mg/L		
1/22/2015	ESB B5A2126-01	INDUSTRY	C	BOD5	1200	mg/L		
1/29/2015	ESB B5A2797-01	INDUSTRY	C	BOD5	1000	mg/L		
2/5/2015	ESB B5B0602-01	INDUSTRY	C	BOD5	1400	mg/L		
2/12/2015	ESB B5B1284-01	INDUSTRY	C	BOD5	1600	mg/L		
2/20/2015	ESB B5B2031-01	INDUSTRY	C	BOD5	1500	mg/L		
2/26/2015	ESB B5B2553-01	INDUSTRY	C	BOD5	2100	mg/L		
3/5/2015	ESB B5C0591-01	INDUSTRY	C	BOD5	1600	mg/L		
3/19/2015	ESB B5C2073-01	INDUSTRY	C	BOD5	2000	mg/L		
3/24/2015	1503308	IEUA	C	BOD5	2170	mg/L		
3/26/2015	ESB B5C2697-01	INDUSTRY	C	BOD5	1700	mg/L		
4/9/2015	ESB B5D0933-01	INDUSTRY	C	BOD5	2000	mg/L		
4/16/2015	ESB B5D1657-01	INDUSTRY	C	BOD5	2800	mg/L		
4/23/2015	ESB B5D2429-01	INDUSTRY	C	BOD5	1400	mg/L		
5/7/2015	ESB B5E0710-01	INDUSTRY	C	BOD5	1500	mg/L		
5/14/2015	ESB B5E1417-01	INDUSTRY	C	BOD5	1200	mg/L		
5/21/2015	ESB B5E2254-01	INDUSTRY	C	BOD5	1200	mg/L		
5/28/2015	ESB B5E2761-01	INDUSTRY	C	BOD5	1700	mg/L		
6/4/2015	ESB B5F0577-01	INDUSTRY	C	BOD5	2100	mg/L		
6/18/2015	ESB B5F2056-01,0	INDUSTRY	C	BOD5	1800	mg/L		
6/25/2015	ESB B5F2710-01	INDUSTRY	C	BOD5	1800	mg/L		
7/22/2014	1407276	IEUA	Field	DS	<0.1	mg/L		
3/24/2015	1503308	IEUA	Field	DS	<0.1	mg/L		
12/18/2014	ESB B4L2289-01,0	INDUSTRY	Flow Meter	Flow-T	94505	gpd	NC	47093
1/8/2015	ESB B5A0737-01	INDUSTRY	Flow Meter	Flow-T	93475	gpd	NC	47093

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1/15/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
1/15/2015	ESB B5A1480-01	INDUSTRY	Flow Meter	Flow-T	93248	gpd	NC	47093	
1/22/2015	ESB B5A2126-01	INDUSTRY	Flow Meter	Flow-T	92262	gpd	NC	47093	
1/29/2015	ESB B5A2797-01	INDUSTRY	Flow Meter	Flow-T	92334	gpd	NC	47093	
2/5/2015	ESB B5B0602-01	INDUSTRY	Flow Meter	Flow-T	92146	gpd	NC	47093	
2/12/2015	ESB B5B1284-01	INDUSTRY	Flow Meter	Flow-T	92222	gpd	NC	47093	
2/20/2015	ESB B5B2031-01	INDUSTRY	Flow Meter	Flow-T	92257	gpd	NC	47093	
2/26/2015	ESB B5B2553-01	INDUSTRY	Flow Meter	Flow-T	100394	gpd	NC	47093	
3/5/2015	ESB B5C0591-01	INDUSTRY	Flow Meter	Flow-T	91924	gpd	NC	47093	
3/19/2015	ESB B5C2073-01	INDUSTRY	Flow Meter	Flow-T	92281	gpd	NC	47093	
3/26/2015	ESB B5C2697-01	INDUSTRY	Flow Meter	Flow-T	91826	gpd	NC	47093	
4/9/2015	ESB B5D0933-01	INDUSTRY	Flow Meter	Flow-T	109296	gpd	NC	47093	
4/16/2015	ESB B5D1657-01	INDUSTRY	Flow Meter	Flow-T	101672	gpd	NC	47093	
4/23/2015	ESB B5D2429-01	INDUSTRY	Flow Meter	Flow-T	81491	gpd	NC	47093	
5/7/2015	ESB B5E0710-01	INDUSTRY	Flow Meter	Flow-T	81261	gpd	NC	47093	
5/14/2015	ESB B5E1417-01	INDUSTRY	Flow Meter	Flow-T	81126	gpd	NC	47093	
5/21/2015	ESB B5E2254-01	INDUSTRY	Flow Meter	Flow-T	137222	gpd	NC	47093	
5/28/2015	ESB B5E2761-01	INDUSTRY	Flow Meter	Flow-T	81221	gpd	NC	47093	
6/4/2015	ESB B5F0577-01	INDUSTRY	Flow Meter	Flow-T	74356	gpd	NC	47093	
6/18/2015	ESB B5F2056-01,0	INDUSTRY	Flow Meter	Flow-T	81190	gpd	NC	47093	
6/25/2015	ESB B5F2710-01	INDUSTRY	Flow Meter	Flow-T	81249	gpd	NC	47093	
7/22/2014	1407276	IEUA	G	Oil and Grease, Total	12	mg/L			
12/18/2014	ESB B4L2289-01,0	INDUSTRY	G	Oil and Grease, Total	19	mg/L			
3/24/2015	1503308	IEUA	G	Oil and Grease, Total	43	mg/L			
6/18/2015	ESB B5F2056-01,0	INDUSTRY	G	Oil and Grease, Total	<5.2	mg/L			
7/22/2014	1407276	IEUA	Field	pH	6.51	pH Units		5.0-12.5	
12/18/2014	ESB B4L2289-01,0	INDUSTRY	Field	pH	7.94	pH Units		5.0-12.5	
1/15/2015	ESB B5A1480-01	INDUSTRY	Field	pH	6.78	pH Units		5.0-12.5	
1/22/2015	ESB B5A2126-01	INDUSTRY	Field	pH	5.50	pH Units		5.0-12.5	

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1/23/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
1/29/2015	ESB B5A2797-01	INDUSTRY	Field	pH	6.07	pH Units		5.0-12.5	
2/5/2015	ESB B5B0602-01	INDUSTRY	Field	pH	5.94	pH Units		5.0-12.5	
2/12/2015	ESB B5B1284-01	INDUSTRY	Field	pH	6.42	pH Units		5.0-12.5	
2/20/2015	ESB B5B2031-01	INDUSTRY	Field	pH	5.65	pH Units		5.0-12.5	
2/26/2015	ESB B5B2553-01	INDUSTRY	Field	pH	5.97	pH Units		5.0-12.5	
3/5/2015	ESB B5C0591-01	INDUSTRY	Field	pH	5.71	pH Units		5.0-12.5	
3/19/2015	ESB B5C2073-01	INDUSTRY	Field	pH	6.30	pH Units		5.0-12.5	
3/24/2015	1503308	IEUA	Field	pH	7.00	pH Units		5.0-12.5	
3/26/2015	ESB B5C2697-01	INDUSTRY	Field	pH	7.79	pH Units		5.0-12.5	
4/9/2015	ESB B5D0933-01	INDUSTRY	Field	pH	5.72	pH Units		5.0-12.5	
4/16/2015	ESB B5D1657-01	INDUSTRY	Field	pH	6.21	pH Units		5.0-12.5	
4/23/2015	ESB B5D2429-01	INDUSTRY	Field	pH	6.55	pH Units		5.0-12.5	
5/7/2015	ESB B5E0710-01	INDUSTRY	Field	pH	6.53	pH Units		5.0-12.5	
5/14/2015	ESB B5E1417-01	INDUSTRY	Field	pH	5.32	pH Units		5.0-12.5	
5/21/2015	ESB B5E2254-01	INDUSTRY	Field	pH	6.03	pH Units		5.0-12.5	
5/28/2015	ESB B5E2761-01	INDUSTRY	Field	pH	6.04	pH Units		5.0-12.5	
6/4/2015	ESB B5F0577-01	INDUSTRY	Field	pH	5.62	pH Units		5.0-12.5	
6/18/2015	ESB B5F2056-01,0	INDUSTRY	Field	pH	5.18	pH Units		5.0-12.5	
6/25/2015	ESB B5F2710-01	INDUSTRY	Field	pH	5.51	pH Units		5.0-12.5	
7/22/2014	1407276	IEUA	C	TDS, Fixed	114	mg/L		800	
12/18/2014	ESB B4L2289-01,0	INDUSTRY	C	TDS, Fixed	100	mg/L		800	
3/24/2015	1503308	IEUA	C	TDS, Fixed	140	mg/L		800	
6/18/2015	ESB B5F2056-01,0	INDUSTRY	C	TDS, Fixed	100	mg/L		800	
7/22/2014	1407276	IEUA	Field	Temp	36.0	°C		60	
12/18/2014	ESB B4L2289-01,0	INDUSTRY	Field	Temp	44	°C		60	
3/24/2015	1503308	IEUA	Field	Temp	33.5	°C		60	
6/18/2015	ESB B5F2056-01,0	INDUSTRY	Field	Temp	49	°C		60	
7/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	2217220	Gallons			

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<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
8/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	1542104	Gallons		
9/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	1605109	Gallons		
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	2188873	Gallons		
11/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	1961869	Gallons		
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	2350726	Gallons		
1/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	1854833	Gallons		
2/28/2015		IU Flow Rpt	Metered	Total Gallons per Month	1902753	Gallons		
3/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	1960297	Gallons		
4/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	2151689	Gallons		
5/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	1700543	Gallons		
6/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	1867730	Gallons		
7/22/2014	1407276	IEUA	Field	TS	<0.1	mg/L		
3/24/2015	1503308	IEUA	Field	TS	<0.1	mg/L		
7/22/2014	1407276	IEUA	C	TSS	29	mg/L		
12/18/2014	ESB B4L2289-01,0	INDUSTRY	C	TSS	27	mg/L		
1/8/2015	ESB B5A0737-01	INDUSTRY	C	TSS	13	mg/L		
1/15/2015	ESB B5A1480-01	INDUSTRY	C	TSS	38	mg/L		
1/22/2015	ESB B5A2126-01	INDUSTRY	C	TSS	18	mg/L		
1/29/2015	ESB B5A2797-01	INDUSTRY	C	TSS	30	mg/L		
2/5/2015	ESB B5B0602-01	INDUSTRY	C	TSS	36	mg/L		
2/12/2015	ESB B5B1284-01	INDUSTRY	C	TSS	30	mg/L		
2/20/2015	ESB B5B2031-01	INDUSTRY	C	TSS	20	mg/L		
2/26/2015	ESB B5B2553-01	INDUSTRY	C	TSS	19	mg/L		
3/5/2015	ESB B5C0591-01	INDUSTRY	C	TSS	28	mg/L		
3/19/2015	ESB B5C2073-01	INDUSTRY	C	TSS	21	mg/L		
3/24/2015	1503308	IEUA	C	TSS	21	mg/L		
3/26/2015	ESB B5C2697-01	INDUSTRY	C	TSS	12	mg/L		
4/9/2015	ESB B5D0933-01	INDUSTRY	C	TSS	32	mg/L		

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4/22/2015

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
4/16/2015	ESB B5D1657-01	INDUSTRY	C	TSS	19	mg/L		
4/23/2015	ESB B5D2429-01	INDUSTRY	C	TSS	22	mg/L		
5/7/2015	ESB B5E0710-01	INDUSTRY	C	TSS	13	mg/L		
5/14/2015	ESB B5E1417-01	INDUSTRY	C	TSS	19	mg/L		
5/21/2015	ESB B5E2254-01	INDUSTRY	C	TSS	24	mg/L		
5/28/2015	ESB B5E2761-01	INDUSTRY	C	TSS	26	mg/L		
6/4/2015	ESB B5F0577-01	INDUSTRY	C	TSS	26	mg/L		
6/18/2015	ESB B5F2056-01,0	INDUSTRY	C	TSS	28	mg/L		
6/25/2015	ESB B5F2710-01	INDUSTRY	C	TSS	23	mg/L		

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03/20/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
8/21/2014	1408274	IEUA	G	1,2,4-Trichlorobenzene	< 10	µg/L			
5/19/2015	1505246	IEUA	G	1,2,4-Trichlorobenzene	< 10	µg/L			
8/21/2014	1408274	IEUA	G	1,2-Dichlorobenzene	< 10	µg/L			
5/19/2015	1505246	IEUA	G	1,2-Dichlorobenzene	< 10	µg/L			
8/21/2014	1408274	IEUA	G	1,2-diphenylhydrazine	<10	µg/L			1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	1,2-diphenylhydrazine	<10	µg/L			1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	1,2-diphenylhydrazine	<10	µg/L			1080
8/21/2014	1408274	IEUA	G	1,3-Dichlorobenzene	< 10	µg/L			
5/19/2015	1505246	IEUA	G	1,3-Dichlorobenzene	< 10	µg/L			
8/21/2014	1408274	IEUA	G	1,4-Dichlorobenzene	< 10	µg/L			
5/19/2015	1505246	IEUA	G	1,4-Dichlorobenzene	< 10	µg/L			
8/21/2014	1408274	IEUA	G	2,4,6-Trichlorophenol	< 10	µg/L			
5/19/2015	1505246	IEUA	G	2,4,6-Trichlorophenol	< 10	µg/L			
8/21/2014	1408274	IEUA	G	2,4-Dichlorophenol	< 20	µg/L			
5/19/2015	1505246	IEUA	G	2,4-Dichlorophenol	< 20	µg/L			
8/21/2014	1408274	IEUA	G	2,4-Dimethylphenol	< 10	µg/L			
5/19/2015	1505246	IEUA	G	2,4-Dimethylphenol	< 10	µg/L			
8/21/2014	1408274	IEUA	G	2,4-Dinitrophenol	< 30	µg/L			
5/19/2015	1505246	IEUA	G	2,4-Dinitrophenol	< 30	µg/L			
8/21/2014	1408274	IEUA	G	2,4-Dinitrotoluene	< 10	µg/L			1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	2,4-Dinitrotoluene	<10	µg/L			1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	2,4-Dinitrotoluene	<10	µg/L			1080
5/19/2015	1505246	IEUA	G	2,4-Dinitrotoluene	< 10	µg/L			1080
8/21/2014	1408274	IEUA	G	2,6-Dinitrotoluene	< 20	µg/L			
5/19/2015	1505246	IEUA	G	2,6-Dinitrotoluene	< 20	µg/L			
8/21/2014	1408274	IEUA	G	2-Chloronaphthalene	< 10	µg/L			
5/19/2015	1505246	IEUA	G	2-Chloronaphthalene	< 10	µg/L			
8/21/2014	1408274	IEUA	G	2-Chlorophenol	< 10	µg/L			1080

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								Daily	Monthly
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	2-Chlorophenol	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	2-Chlorophenol	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	2-Chlorophenol	< 10	µg/L		1080	
8/21/2014	1408274	IEUA	G	2-Methyl-4,6-dinitrophenol	< 20	µg/L			
5/19/2015	1505246	IEUA	G	2-Methyl-4,6-dinitrophenol	< 20	µg/L			
8/21/2014	1408274	IEUA	G	2-Nitrophenol	< 10	µg/L			
5/19/2015	1505246	IEUA	G	2-Nitrophenol	< 10	µg/L			
8/21/2014	1408274	IEUA	G	3,3-Dichlorobenzidine	< 50	µg/L			
5/19/2015	1505246	IEUA	G	3,3-Dichlorobenzidine	< 50	µg/L			
8/21/2014	1408274	IEUA	G	3,4-Benzofluoranthene	<10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	3,4-Benzofluoranthene	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	3,4-Benzofluoranthene	<10	µg/L		1080	
8/21/2014	1408274	IEUA	G	4,4-DDD	< 0.060	µg/L			
5/19/2015	1505246	IEUA	G	4,4-DDD	< 0.006	µg/L			
8/21/2014	1408274	IEUA	G	4,4-DDE	< 0.060	µg/L			
5/19/2015	1505246	IEUA	G	4,4-DDE	< 0.006	µg/L			
8/21/2014	1408274	IEUA	G	4,4-DDT	< 0.080	µg/L			
5/19/2015	1505246	IEUA	G	4,4-DDT	< 0.008	µg/L			
8/21/2014	1408274	IEUA	G	4-Bromophenyl phenyl ether	< 10	µg/L			
5/19/2015	1505246	IEUA	G	4-Bromophenyl phenyl ether	< 10	µg/L			
		IEUA	G	4-Chloro-3-methylphenol	< 10	µg/L			
8/21/2014	1408274	IEUA	G	4-Chlorophenyl phenyl ether	< 10	µg/L			
5/19/2015	1505246	IEUA	G	4-Chlorophenyl phenyl ether	< 10	µg/L			
8/21/2014	1408274	IEUA	G	4-Nitrophenol	< 30	µg/L			
5/19/2015	1505246	IEUA	G	4-Nitrophenol	< 30	µg/L			
8/21/2014	1408274	IEUA	G	Acenaphthene	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Acenaphthene	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Acenaphthene	<10	µg/L		1080	

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01/22/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
5/19/2015	1505246	IEUA	G	Acenaphthene	< 10	µg/L		1080
8/21/2014	1408274	IEUA	G	Acenaphthylene	< 10	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Acenaphthylene	<10	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Acenaphthylene	<10	µg/L		1080
5/19/2015	1505246	IEUA	G	Acenaphthylene	< 10	µg/L		1080
8/21/2014	1408274	IEUA	C	Ag	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	Ag	< 0.01	mg/L		
2/24/2015	1502313	IEUA	C	Ag	< 0.01	mg/L		
5/19/2015	1505246	IEUA	C	Ag	< 0.01	mg/L		
8/21/2014	1408274	IEUA	G	Aldrin	< 0.040	µg/L		
5/19/2015	1505246	IEUA	G	Aldrin	< 0.004	µg/L		
8/21/2014	1408274	IEUA	G	Alpha-BHC	< 0.080	µg/L		
5/19/2015	1505246	IEUA	G	Alpha-BHC	< 0.008	µg/L		
8/21/2014	1408274	IEUA	G	Anthracene	< 10	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Anthracene	<10	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Anthracene	<10	µg/L		1080
5/19/2015	1505246	IEUA	G	Anthracene	< 10	µg/L		1080
8/21/2014	1408274	IEUA	C	As	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	As	< 0.01	mg/L		
2/24/2015	1502313	IEUA	C	As	< 0.01	mg/L		
5/19/2015	1505246	IEUA	C	As	< 0.01	mg/L		
8/21/2014	1408274	IEUA	G	Azobenzene	< 10	µg/L		
5/19/2015	1505246	IEUA	G	Azobenzene	< 10	µg/L		
8/21/2014	1408274	IEUA	C	Ba	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	Ba	0.01	mg/L		
2/24/2015	1502313	IEUA	C	Ba	< 0.01	mg/L		
5/19/2015	1505246	IEUA	C	Ba	< 0.01	mg/L		
8/21/2014	1408274	IEUA	G	Benzidine	< 50	µg/L		

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10/12/2013

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
5/19/2015	1505246	IEUA	G	Benzidine	< 50	µg/L			
8/21/2014	1408274	IEUA	G	Benzo(a)anthracene	< 50	µg/L			
5/19/2015	1505246	IEUA	G	Benzo(a)anthracene	< 50	µg/L			
8/21/2014	1408274	IEUA	G	Benzo(a)pyrene	< 10	µg/L			1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Benzo(a)pyrene	<10	µg/L			1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Benzo(a)pyrene	<10	µg/L			1080
5/19/2015	1505246	IEUA	G	Benzo(a)pyrene	< 10	µg/L			1080
		IEUA	G	Benzo(b)fluoranthene	< 10	µg/L			
8/21/2014	1408274	IEUA	G	Benzo(g,h,i)perylene	< 20	µg/L			1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Benzo(g,h,i)perylene	<10	µg/L			1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Benzo(g,h,i)perylene	<10	µg/L			1080
5/19/2015	1505246	IEUA	G	Benzo(g,h,i)perylene	< 20	µg/L			1080
8/21/2014	1408274	IEUA	G	Benzo(k)fluoranthene	< 10	µg/L			1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Benzo(k)fluoranthene	<10	µg/L			1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Benzo(k)fluoranthene	<10	µg/L			1080
5/19/2015	1505246	IEUA	G	Benzo(k)fluoranthene	< 10	µg/L			1080
8/21/2014	1408274	IEUA	G	Beta-BHC	< 0.050	µg/L			
5/19/2015	1505246	IEUA	G	Beta-BHC	< 0.005	µg/L			
8/21/2014	1408274	IEUA	G	Bis(2-chloroethoxy)methane	< 20	µg/L			
5/19/2015	1505246	IEUA	G	Bis(2-chloroethoxy)methane	< 20	µg/L			
8/21/2014	1408274	IEUA	G	Bis(2-chloroethyl)ether	< 10	µg/L			
5/19/2015	1505246	IEUA	G	Bis(2-chloroethyl)ether	< 10	µg/L			
8/21/2014	1408274	IEUA	G	Bis(2-chloroisopropyl)ether	< 10	µg/L			
5/19/2015	1505246	IEUA	G	Bis(2-chloroisopropyl)ether	< 10	µg/L			
8/21/2014	1408274	IEUA	G	Bis(2-ethylhexyl)phthalate	< 20	µg/L			1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Bis(2-ethylhexyl)phthalate	<3.0	µg/L			1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Bis(2-ethylhexyl)phthalate	<3.0	µg/L			1080
5/19/2015	1505246	IEUA	G	Bis(2-ethylhexyl)phthalate	< 20	µg/L			1080

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							In NC	Daily	Monthly
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	BOD5	18	mg/L			
8/21/2014	1408274	IEUA	C	BOD5	20	mg/L			
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	BOD5	<10	mg/L			
11/6/2014	1411070	IEUA	C	BOD5	11	mg/L			
2/11/2015	ESB B5B1217-01	INDUSTRY	C	BOD5	<20	mg/L			
2/24/2015	1502313	IEUA	C	BOD5	26	mg/L			
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	BOD5	<20	mg/L			
5/19/2015	1505246	IEUA	C	BOD5	9	mg/L			
8/21/2014	1408274	IEUA	G	Butyl benzyl phthalate	< 10	µg/L			
5/19/2015	1505246	IEUA	G	Butyl benzyl phthalate	< 10	µg/L			
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	Cd	<0.0020	mg/L		2.8	
8/21/2014	1408274	IEUA	C	Cd	< 0.01	mg/L		2.8	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	Cd	<0.0020	mg/L		2.8	
11/6/2014	1411070	IEUA	C	Cd	< 0.01	mg/L		2.8	
2/11/2015	ESB B5B1217-01	INDUSTRY	C	Cd	<0.002	mg/L		2.8	
2/24/2015	1502313	IEUA	C	Cd	< 0.01	mg/L		2.8	
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	Cd	<0.0020	mg/L		2.8	
5/19/2015	1505246	IEUA	C	Cd	< 0.01	mg/L		2.8	
8/21/2014	1408274	IEUA	G	Chlordane	< 1.0	µg/L			
5/19/2015	1505246	IEUA	G	Chlordane	< 0.1	µg/L			
8/21/2014	1408274	IEUA	G	Chrysene	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Chrysene	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Chrysene	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	Chrysene	< 10	µg/L		1080	
7/24/2014	ESB B4G2747-01,	INDUSTRY	G	CN	<0.005	mg/L		0.69	0.29
8/21/2014	1408274	IEUA	G	CN	<0.005	mg/L		0.69	0.29
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	CN	<0.005	mg/L		0.69	0.29
2/11/2015	ESB B5B1217-01	INDUSTRY	G	CN	<0.005	mg/L		0.69	0.29

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							In NC	Daily	Monthly
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	CN	<0.005	mg/L		0.69	0.29
11/6/2014	1411070	IEUA	G	CN, Total	< 0.005	mg/L			
2/24/2015	1502313	IEUA	G	CN, Total	< 0.005	mg/L			
5/19/2015	1505246	IEUA	G	CN, Total	< 0.02	mg/L			
8/21/2014	1408274	IEUA	C	Co	< 0.01	mg/L			
11/6/2014	1411070	IEUA	C	Co	< 0.01	mg/L			
2/24/2015	1502313	IEUA	C	Co	< 0.01	mg/L			
5/19/2015	1505246	IEUA	C	Co	< 0.01	mg/L			
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	Cr	<0.020	mg/L		3.61	1.47
8/21/2014	1408274	IEUA	C	Cr	< 0.01	mg/L		3.61	1.47
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	Cr	<0.020	mg/L		3.61	1.47
11/6/2014	1411070	IEUA	C	Cr	< 0.01	mg/L		3.61	1.47
2/11/2015	ESB B5B1217-01	INDUSTRY	C	Cr	<0.02	mg/L		3.61	1.47
2/24/2015	1502313	IEUA	C	Cr	< 0.01	mg/L		3.61	1.47
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	Cr	<0.02	mg/L		3.61	1.47
5/19/2015	1505246	IEUA	C	Cr	< 0.01	mg/L		3.61	1.47
8/21/2014	1408274	IEUA	C	Cu	< 0.02	mg/L			
11/6/2014	1411070	IEUA	C	Cu	< 0.02	mg/L			
2/24/2015	1502313	IEUA	C	Cu	< 0.02	mg/L			
5/19/2015	1505246	IEUA	C	Cu	< 0.02	mg/L			
8/21/2014	1408274	IEUA	G	Delta-BHC	< 0.070	µg/L			
5/19/2015	1505246	IEUA	G	Delta-BHC	< 0.007	µg/L			
8/21/2014	1408274	IEUA	G	Dibenzo(a,h)anthracene	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Dibenzo(a,h)anthracene	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Dibenzo(a,h)anthracene	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	Dibenzo(a,h)anthracene	< 10	µg/L		1080	
8/21/2014	1408274	IEUA	G	Dieldrin	< 0.060	µg/L			
5/19/2015	1505246	IEUA	G	Dieldrin	< 0.006	µg/L			

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
8/21/2014	1408274	IEUA	G	Diethyl phthalate	< 20	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Diethyl phthalate	<10	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Diethyl phthalate	<10	µg/L		1080
5/19/2015	1505246	IEUA	G	Diethyl phthalate	< 20	µg/L		1080
8/21/2014	1408274	IEUA	G	Dimethyl phthalate	< 10	µg/L		
5/19/2015	1505246	IEUA	G	Dimethyl phthalate	< 10	µg/L		
8/21/2014	1408274	IEUA	G	Di-n-butyl phthalate	< 10	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Di-n-butyl phthalate	<10	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Di-n-butyl phthalate	<10	µg/L		1080
5/19/2015	1505246	IEUA	G	Di-n-butyl phthalate	< 10	µg/L		1080
8/21/2014	1408274	IEUA	G	Di-n-octyl phthalate	< 10	µg/L		
5/19/2015	1505246	IEUA	G	Di-n-octyl phthalate	< 10	µg/L		
8/21/2014	1408274	IEUA	Field	DS	<0.1	mg/L		
11/6/2014	1411070	IEUA	Field	DS	<0.1	mg/L		
2/24/2015	1502313	IEUA	Field	DS	<0.1	mg/L		
5/19/2015	1505246	IEUA	Field	DS	<0.1	mg/L		
2/11/2015	ESB B5B1217-01	INDUSTRY	C	EC	710	µmhos/cm		
8/21/2014	1408274	IEUA	G	Endosulfan I	< 0.10	µg/L		
5/19/2015	1505246	IEUA	G	Endosulfan I	< 0.01	µg/L		
8/21/2014	1408274	IEUA	G	Endosulfan II	< 0.070	µg/L		
5/19/2015	1505246	IEUA	G	Endosulfan II	< 0.007	µg/L		
8/21/2014	1408274	IEUA	G	Endosulfan Sulfate	< 0.090	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Endosulfan Sulfate	<0.66	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Endosulfan Sulfate	<0.66	µg/L		1080
5/19/2015	1505246	IEUA	G	Endosulfan Sulfate	< 0.009	µg/L		1080
8/21/2014	1408274	IEUA	G	Endrin	< 0.090	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Endrin	<0.060	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Endrin	<0.060	µg/L		1080

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03/20/15

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
5/19/2015	1505246	IEUA	G	Endrin	< 0.009	µg/L		1080	
8/21/2014	1408274	IEUA	G	Endrin aldehyde	< 0.060	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Endrin aldehyde	<0.23	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Endrin aldehyde	<0.23	µg/L		1080	
5/19/2015	1505246	IEUA	G	Endrin aldehyde	< 0.006	µg/L		1080	
8/21/2014	1408274	IEUA	G	Ethylbenzene	< 50	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Ethylbenzene	<5.0	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Ethylbenzene	<5.0	µg/L		1080	
5/19/2015	1505246	IEUA	G	Ethylbenzene	< 50	µg/L		1080	
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	F	<0.1	mg/L		805.2	356.7
8/21/2014	1408274	IEUA	C	F	0.1	mg/L		805.2	356.7
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	F	<0.1	mg/L		805.2	356.7
11/6/2014	1411070	IEUA	C	F	0.1	mg/L		805.2	356.7
2/11/2015	ESB B5B1217-01	INDUSTRY	C	F	<0.1	mg/L		805.2	356.7
2/24/2015	1502313	IEUA	C	F	0.1	mg/L		805.2	356.7
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	F	<0.1	mg/L		805.2	356.7
5/19/2015	1505246	IEUA	C	F	0.1	mg/L		805.2	356.7
8/21/2014	1408274	IEUA	C	Fe	0.22	mg/L			
11/6/2014	1411070	IEUA	C	Fe	< 0.15	mg/L			
2/24/2015	1502313	IEUA	C	Fe	< 0.15	mg/L			
5/19/2015	1505246	IEUA	C	Fe	< 0.15	mg/L			
7/24/2014	ESB B4G2747-01,	INDUSTRY	Metered	Flow-T	3670	gpd			
10/17/2014	ESB B4J1883-01,0	INDUSTRY	Metered	Flow-T	4065	gpd			
2/11/2015	ESB B5B1217-01	INDUSTRY	Metered	Flow-T	6601	gpd			
5/14/2015	ESB B5E1426-01,	INDUSTRY	Metered	Flow-T	7300	gpd			
8/21/2014	1408274	IEUA	G	Fluoranthene	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Fluoranthene	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Fluoranthene	<10	µg/L		1080	

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10/12/2013

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
5/19/2015	1505246	IEUA	G	Fluoranthene	< 10	µg/L		1080	
8/21/2014	1408274	IEUA	G	Fluorene	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Fluorene	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Fluorene	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	Fluorene	< 10	µg/L		1080	
8/21/2014	1408274	IEUA	G	Gamma-BHC	< 0.10	µg/L			
5/19/2015	1505246	IEUA	G	Gamma-BHC	< 0.01	µg/L			
8/21/2014	1408274	IEUA	G	Heptachlor	< 0.060	µg/L			
5/19/2015	1505246	IEUA	G	Heptachlor	< 0.006	µg/L			
8/21/2014	1408274	IEUA	G	Heptachlor epoxide	< 0.070	µg/L			
5/19/2015	1505246	IEUA	G	Heptachlor epoxide	< 0.007	µg/L			
8/21/2014	1408274	IEUA	G	Hexachlorobenzene	< 10	µg/L			
5/19/2015	1505246	IEUA	G	Hexachlorobenzene	< 10	µg/L			
8/21/2014	1408274	IEUA	G	Hexachlorobutadiene	< 10	µg/L			
5/19/2015	1505246	IEUA	G	Hexachlorobutadiene	< 10	µg/L			
8/21/2014	1408274	IEUA	G	Hexachlorocyclopentadiene	< 50	µg/L			
5/19/2015	1505246	IEUA	G	Hexachlorocyclopentadiene	< 50	µg/L			
8/21/2014	1408274	IEUA	G	Hexachloroethane	< 10	µg/L			
5/19/2015	1505246	IEUA	G	Hexachloroethane	< 10	µg/L			
8/21/2014	1408274	IEUA	G	Indeno(1,2,3-cd)pyrene	< 20	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Indeno(1,2,3-cd)pyrene	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Indeno(1,2,3-cd)pyrene	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	Indeno(1,2,3-cd)pyrene	< 20	µg/L		1080	
8/21/2014	1408274	IEUA	G	Isophorone	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Isophorone	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Isophorone	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	Isophorone	< 10	µg/L		1080	
8/21/2014	1408274	IEUA	C	Mn	< 0.02	mg/L			

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							In NC	Daily
11/6/2014	1411070	IEUA	C	Mn	< 0.02	mg/L		
2/24/2015	1502313	IEUA	C	Mn	< 0.02	mg/L		
5/19/2015	1505246	IEUA	C	Mn	< 0.02	mg/L		
		IEUA	C	Mo	0.12	mg/L		
8/21/2014	1408274	IEUA	G	Naphthalene	< 10	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Naphthalene	<10	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Naphthalene	<10	µg/L		1080
5/19/2015	1505246	IEUA	G	Naphthalene	< 10	µg/L		1080
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	NH3	<0.12	mg/L		341.9 150.3
8/21/2014	1408274	IEUA	C	NH3	0.2	mg/L		341.9 150.3
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	NH3	<0.12	mg/L		341.9 150.3
11/6/2014	1411070	IEUA	C	NH3	< 0.2	mg/L		341.9 150.3
2/11/2015	ESB B5B1217-01	INDUSTRY	C	NH3	<0.1	mg/L		341.9 150.3
2/24/2015	1502313	IEUA	C	NH3	0.2	mg/L		341.9 150.3
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	NH3	<0.12	mg/L		341.9 150.3
5/19/2015	1505246	IEUA	C	NH3	< 0.2	mg/L		341.9 150.3
8/21/2014	1408274	IEUA	C	NH3-N	0.2	mg/L		
11/6/2014	1411070	IEUA	C	NH3-N	< 0.1	mg/L		
2/24/2015	1502313	IEUA	C	NH3-N	0.2	mg/L		
5/19/2015	1505246	IEUA	C	NH3-N	< 0.1	mg/L		
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	Ni	<0.020	mg/L		6.03 4.06
8/21/2014	1408274	IEUA	C	Ni	0.02	mg/L		6.03 4.06
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	Ni	<0.020	mg/L		6.03 4.06
11/6/2014	1411070	IEUA	C	Ni	< 0.01	mg/L		6.03 4.06
2/11/2015	ESB B5B1217-01	INDUSTRY	C	Ni	<0.02	mg/L		6.03 4.06
2/24/2015	1502313	IEUA	C	Ni	0.02	mg/L		6.03 4.06
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	Ni	<0.02	mg/L		6.03 4.06
5/19/2015	1505246	IEUA	C	Ni	< 0.01	mg/L		6.03 4.06

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							In NC	Daily	Monthly
8/21/2014	1408274	IEUA	G	Nitrobenzene	< 10	µg/L			
5/19/2015	1505246	IEUA	G	Nitrobenzene	< 10	µg/L			
8/21/2014	1408274	IEUA	G	N-Nitrosodimethylamine	< 10	µg/L			
5/19/2015	1505246	IEUA	G	N-Nitrosodimethylamine	< 10	µg/L			
8/21/2014	1408274	IEUA	G	N-Nitroso-di-n-propylamine	< 10	µg/L			
5/19/2015	1505246	IEUA	G	N-Nitroso-di-n-propylamine	< 10	µg/L			
8/21/2014	1408274	IEUA	G	N-Nitrosodiphenylamine	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	N-Nitrosodiphenylamine	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	N-Nitrosodiphenylamine	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	N-Nitrosodiphenylamine	< 10	µg/L		1080	
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	Pb	<0.010	mg/L		1.08	0.51
8/21/2014	1408274	IEUA	C	Pb	< 0.02	mg/L		1.08	0.51
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	Pb	<0.010	mg/L		1.08	0.51
11/6/2014	1411070	IEUA	C	Pb	< 0.02	mg/L		1.08	0.51
2/11/2015	ESB B5B1217-01	INDUSTRY	C	Pb	<0.01	mg/L		1.08	0.51
2/24/2015	1502313	IEUA	C	Pb	< 0.02	mg/L		1.08	0.51
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	Pb	<0.01	mg/L		1.08	0.51
5/19/2015	1505246	IEUA	C	Pb	< 0.02	mg/L		1.08	0.51
8/21/2014	1408274	IEUA	G	PCB-1016	< 5.0	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	PCB-1016	<1.0	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	PCB-1016	<1.0	µg/L		1080	
5/19/2015	1505246	IEUA	G	PCB-1016	< 0.5	µg/L		1080	
8/21/2014	1408274	IEUA	G	PCB-1221	< 5.0	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	PCB-1221	<1.0	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	PCB-1221	<1.0	µg/L		1080	
5/19/2015	1505246	IEUA	G	PCB-1221	< 0.5	µg/L		1080	
8/21/2014	1408274	IEUA	G	PCB-1232	< 5.0	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	PCB-1232	<1.0	µg/L		1080	

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							In NC	Daily Monthly
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	PCB-1232	<1.0	µg/L		1080
5/19/2015	1505246	IEUA	G	PCB-1232	< 0.5	µg/L		1080
8/21/2014	1408274	IEUA	G	PCB-1242	< 5.0	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	PCB-1242	<1.0	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	PCB-1242	<1.0	µg/L		1080
5/19/2015	1505246	IEUA	G	PCB-1242	< 0.5	µg/L		1080
8/21/2014	1408274	IEUA	G	PCB-1248	< 5.0	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	PCB-1248	<1.0	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	PCB-1248	<1.0	µg/L		1080
5/19/2015	1505246	IEUA	G	PCB-1248	< 0.5	µg/L		1080
8/21/2014	1408274	IEUA	G	PCB-1254	< 5.0	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	PCB-1254	<1.0	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	PCB-1254	<1.0	µg/L		1080
5/19/2015	1505246	IEUA	G	PCB-1254	< 0.5	µg/L		1080
8/21/2014	1408274	IEUA	G	PCB-1260	< 5.0	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	PCB-1260	<1.0	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	PCB-1260	<1.0	µg/L		1080
5/19/2015	1505246	IEUA	G	PCB-1260	< 0.5	µg/L		1080
8/21/2014	1408274	IEUA	G	p-chloro-m-cresol	<10	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	p-chloro-m-cresol	<20	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	p-chloro-m-cresol	<20	µg/L		1080
8/21/2014	1408274	IEUA	G	Pentachlorophenol	< 20	µg/L		
5/19/2015	1505246	IEUA	G	Pentachlorophenol	< 20	µg/L		
7/24/2014	ESB B4G2747-01,	INDUSTRY	Field	pH	6.76	pH Units		5-12.5
8/21/2014	1408274	IEUA	Field	pH	7.60	pH Units		5-12.5
10/17/2014	ESB B4J1883-01,0	INDUSTRY	Field	pH	6.81	pH Units		5-12.5
11/6/2014	1411070	IEUA	Field	pH	8.17	pH Units		5-12.5
2/11/2015	ESB B5B1217-01	INDUSTRY	Field	pH	6.8	pH Units		5-12.5

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2/24/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
2/24/2015	1502313	IEUA	Field	pH	7.67	pH Units		5-12.5	
5/14/2015	ESB B5E1426-01,	INDUSTRY	Field	pH	7.43	pH Units		5-12.5	
5/19/2015	1505246	IEUA	Field	pH	7.80	pH Units		5-12.5	
8/21/2014	1408274	IEUA	G	Phenanthrene	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Phenanthrene	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Phenanthrene	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	Phenanthrene	< 10	µg/L		1080	
8/21/2014	1408274	IEUA	G	Phenol	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Phenol	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Phenol	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	Phenol	< 10	µg/L		1080	
8/21/2014	1408274	IEUA	G	Pyrene	< 10	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Pyrene	<10	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Pyrene	<10	µg/L		1080	
5/19/2015	1505246	IEUA	G	Pyrene	< 10	µg/L		1080	
8/21/2014	1408274	IEUA	C	Se	< 0.02	mg/L			
11/6/2014	1411070	IEUA	C	Se	< 0.02	mg/L			
2/24/2015	1502313	IEUA	C	Se	< 0.02	mg/L			
5/19/2015	1505246	IEUA	C	Se	< 0.02	mg/L			
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	TDS	400	mg/L		800	
8/21/2014	1408274	IEUA	C	TDS	288	mg/L		800	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	TDS	380	mg/L		800	
11/6/2014	1411070	IEUA	C	TDS	386	mg/L		800	
2/11/2015	ESB B5B1217-01	INDUSTRY	C	TDS	520	mg/L		800	
2/24/2015	1502313	IEUA	C	TDS	438	mg/L		800	
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	TDS	350	mg/L		800	
5/19/2015	1505246	IEUA	C	TDS	422	mg/L		800	
7/24/2014	ESB B4G2747-01,	INDUSTRY	Field	Temp	28.9	°C		60	

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08/21/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
8/21/2014	1408274	IEUA	Field	Temp	27.8	°C		60
10/17/2014	ESB B4J1883-01,0	INDUSTRY	Field	Temp	22.9	°C		60
11/6/2014	1411070	IEUA	Field	Temp	24.3	°C		60
2/11/2015	ESB B5B1217-01	INDUSTRY	Field	Temp	22	°C		60
2/24/2015	1502313	IEUA	Field	Temp	18.2	°C		60
5/14/2015	ESB B5E1426-01,	INDUSTRY	Field	Temp	20.2	°C		60
5/19/2015	1505246	IEUA	Field	Temp	22.0	°C		60
		IEUA	G	Tetrachloroethene	< 50	µg/L		
8/21/2014	1408274	IEUA	G	Tetrachloroethylene	<50	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Tetrachloroethylene	<5.0	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Tetrachloroethylene	<5.0	µg/L		1080
8/21/2014	1408274	IEUA	G	Toluene	< 50	µg/L		1080
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Toluene	<5.0	µg/L		1080
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Toluene	<5.0	µg/L		1080
5/19/2015	1505246	IEUA	G	Toluene	< 50	µg/L		1080
7/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	62640	Gallons		
8/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	47849	Gallons		
9/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	73598	Gallons		
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	50696	Gallons		
11/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	100036	Gallons		
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	64468	Gallons		
1/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	122943	Gallons		
2/28/2015		IU Flow Rpt	Metered	Total Gallons per Month	181328	Gallons		
3/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	174762	Gallons		
4/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	171930	Gallons		
5/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	194010	Gallons		
6/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	249217	Gallons		
8/21/2014	1408274	IEUA	G	Toxaphene	< 5.0	µg/L		

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03/20/13

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
5/19/2015	1505246	IEUA	G	Toxaphene	< 0.5	µg/L			
		IEUA	G	Trichloroethene	< 50	µg/L			
8/21/2014	1408274	IEUA	G	Trichloroethylene	<50	µg/L		1080	
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	Trichloroethylene	<5.0	µg/L		1080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	Trichloroethylene	<5.0	µg/L		1080	
8/21/2014	1408274	IEUA	Field	TS	<0.1	mg/L			
11/6/2014	1411070	IEUA	Field	TS	<0.1	mg/L			
2/24/2015	1502313	IEUA	Field	TS	<0.1	mg/L			
5/19/2015	1505246	IEUA	Field	TS	<0.1	mg/L			
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	TSS	5	mg/L			
8/21/2014	1408274	IEUA	C	TSS	3	mg/L			
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	TSS	<5	mg/L			
11/6/2014	1411070	IEUA	C	TSS	4	mg/L			
2/11/2015	ESB B5B1217-01	INDUSTRY	C	TSS	5	mg/L			
2/24/2015	1502313	IEUA	C	TSS	5	mg/L			
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	TSS	<5	mg/L			
5/19/2015	1505246	IEUA	C	TSS	< 10	mg/L			
10/17/2014	ESB B4J1883-01,0	INDUSTRY	G	TTO	<0.020	mg/L		1.080	
5/14/2015	ESB B5E1426-01,	INDUSTRY	G	TTO	<0.02	mg/L		1.080	
7/24/2014	ESB B4G2747-01,	INDUSTRY	C	Zn	0.067	mg/L		3.47	1.45
8/21/2014	1408274	IEUA	C	Zn	0.18	mg/L		3.47	1.45
10/17/2014	ESB B4J1883-01,0	INDUSTRY	C	Zn	0.027	mg/L		3.47	1.45
11/6/2014	1411070	IEUA	C	Zn	0.08	mg/L		3.47	1.45
2/11/2015	ESB B5B1217-01	INDUSTRY	C	Zn	0.120	mg/L		3.47	1.45
2/24/2015	1502313	IEUA	C	Zn	0.13	mg/L		3.47	1.45
5/14/2015	ESB B5E1426-01,	INDUSTRY	C	Zn	0.026	mg/L		3.47	1.45
5/19/2015	1505246	IEUA	C	Zn	0.02	mg/L		3.47	1.45

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							In NC	Daily Monthly
8/28/2014	1408365	IEUA	C	Ag	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	Ag	< 0.01	mg/L		
2/26/2015	1502329	IEUA	C	Ag	< 0.01	mg/L		
5/7/2015	1505078	IEUA	C	Ag	< 0.01	mg/L		
8/28/2014	1408365	IEUA	C	As	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	As	< 0.01	mg/L		
2/26/2015	1502329	IEUA	C	As	< 0.01	mg/L		
5/7/2015	1505078	IEUA	C	As	< 0.01	mg/L		
8/28/2014	1408365	IEUA	C	Ba	0.07	mg/L		
11/6/2014	1411070	IEUA	C	Ba	0.07	mg/L		
2/26/2015	1502329	IEUA	C	Ba	0.07	mg/L		
5/7/2015	1505078	IEUA	C	Ba	0.50	mg/L		
8/22/2014	EC 140822-14	INDUSTRY	C	BOD5	<3	mg/L		
8/26/2014	EC 140826-3,4	INDUSTRY	C	BOD5	<3	mg/L		
8/28/2014	1408365	IEUA	C	BOD5	6	mg/L		
11/6/2014	1411070	IEUA	C	BOD5	8	mg/L		
11/19/2014	EC 141119-20,21	INDUSTRY	C	BOD5	6.3	mg/L		
2/17/2015	EC 150217-10,11	INDUSTRY	C	BOD5	3	mg/L		
2/26/2015	1502329	IEUA	C	BOD5	< 3	mg/L		
5/7/2015	1505078	IEUA	C	BOD5	42	mg/L		
6/17/2015	EC 150617-23	INDUSTRY	C	BOD5	<1	mg/L		
8/28/2014	1408365	IEUA	C	Cd	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	Cd	< 0.01	mg/L		
2/26/2015	1502329	IEUA	C	Cd	< 0.01	mg/L		
5/7/2015	1505078	IEUA	C	Cd	< 0.01	mg/L		
8/26/2014	EC 140826-3,4	INDUSTRY	G	CN	<0.01	mg/L		
8/28/2014	1408365	IEUA	G	CN	<0.005	mg/L		
11/6/2014	1411070	IEUA	G	CN	<0.005	mg/L		

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1/17/2014 14

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
11/19/2014	EC 141119-20,21	INDUSTRY	G	CN	<0.01	mg/L		
2/17/2015	EC 150217-10,11	INDUSTRY	G	CN	<0.01	mg/L		
5/7/2015	1505078	IEUA	G	CN	<0.02	mg/L		
6/17/2015	EC 150617-23	INDUSTRY	G	CN	<0.01	mg/L		
2/25/2015	1502329	IEUA	G	CN, Total	< 0.005	mg/L		
5/7/2015	1505078	IEUA	G	CN, Total	< 0.02	mg/L		
8/28/2014	1408365	IEUA	C	Co	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	Co	< 0.01	mg/L		
2/26/2015	1502329	IEUA	C	Co	< 0.01	mg/L		
5/7/2015	1505078	IEUA	C	Co	< 0.01	mg/L		
8/26/2014	EC 140826-3,4	INDUSTRY	C	Cr	<0.01	mg/L		
8/28/2014	1408365	IEUA	C	Cr	< 0.01	mg/L		
11/6/2014	1411070	IEUA	C	Cr	0.02	mg/L		
11/19/2014	EC 141119-20,21	INDUSTRY	C	Cr	0.031	mg/L		
2/17/2015	EC 150217-10,11	INDUSTRY	C	Cr	<0.01	mg/L		
2/26/2015	1502329	IEUA	C	Cr	< 0.01	mg/L		
5/7/2015	1505078	IEUA	C	Cr	0.07	mg/L		
6/17/2015	EC 150617-23	INDUSTRY	C	Cr	<0.01	mg/L		
8/26/2014	EC 140826-3,4	INDUSTRY	C	Cu	<0.02	mg/L		
8/28/2014	1408365	IEUA	C	Cu	< 0.02	mg/L		
11/6/2014	1411070	IEUA	C	Cu	< 0.02	mg/L		
11/19/2014	EC 141119-20,21	INDUSTRY	C	Cu	<0.02	mg/L		
2/17/2015	EC 150217-10,11	INDUSTRY	C	Cu	0.027	mg/L		
2/26/2015	1502329	IEUA	C	Cu	< 0.02	mg/L		
5/7/2015	1505078	IEUA	C	Cu	0.04	mg/L		
6/17/2015	EC 150617-23	INDUSTRY	C	Cu	0.025	mg/L		
8/28/2014	1408365	IEUA	Field	DS	<0.1	mg/L		
11/6/2014	1411070	IEUA	Field	DS	<0.1	mg/L		

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2/26/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
2/26/2015	1502329	IEUA	Field	DS	<0.1	mg/L		
5/7/2015	1505078	IEUA	Field	DS	<0.1	mg/L		
8/28/2014	1408365	IEUA	C	Fe	< 0.15	mg/L		
11/6/2014	1411070	IEUA	C	Fe	< 0.15	mg/L		
2/26/2015	1502329	IEUA	C	Fe	< 0.15	mg/L		
5/7/2015	1505078	IEUA	C	Fe	1.37	mg/L		
8/26/2014	EC 140826-3,4	INDUSTRY	Metered	Flow-T	963	gpd		25000
11/19/2014	EC 141119-20,21	INDUSTRY	Metered	Flow-T	963	gpd		25000
6/17/2015	EC 150617-23	INDUSTRY	Metered	Flow-T	1920	gpd		25000
8/28/2014	1408365	IEUA	C	Mn	< 0.02	mg/L		
11/6/2014	1411070	IEUA	C	Mn	< 0.02	mg/L		
2/26/2015	1502329	IEUA	C	Mn	< 0.02	mg/L		
5/7/2015	1505078	IEUA	C	Mn	0.07	mg/L		
		IEUA	C	Mo	< 0.01	mg/L		
8/26/2014	EC 140826-3,4	INDUSTRY	C	Ni	<0.05	mg/L		45
8/28/2014	1408365	IEUA	C	Ni	< 0.01	mg/L		45
11/6/2014	1411070	IEUA	C	Ni	< 0.01	mg/L		45
11/19/2014	EC 141119-20,21	INDUSTRY	C	Ni	<0.05	mg/L		45
2/17/2015	EC 150217-10,11	INDUSTRY	C	Ni	<0.05	mg/L		45
2/26/2015	1502329	IEUA	C	Ni	< 0.01	mg/L		45
5/7/2015	1505078	IEUA	C	Ni	< 0.01	mg/L		45
6/17/2015	EC 150617-23	INDUSTRY	C	Ni	<0.05	mg/L		45
8/26/2014	EC 140826-3,4	INDUSTRY	G	Oil and Grease, Total	<1	mg/L		
8/28/2014	1408365	IEUA	G	Oil and Grease, Total	4	mg/L		
11/6/2014	1411070	IEUA	G	Oil and Grease, Total	< 3	mg/L		
11/19/2014	EC 141119-20,21	INDUSTRY	G	Oil and Grease, Total	<1	mg/L		
2/17/2015	EC 150217-10,11	INDUSTRY	G	Oil and Grease, Total	<1	mg/L		
2/25/2015	1502329	IEUA	G	Oil and Grease, Total	3	mg/L		

Key to Result Flags

D = Daily Limit L = Local Limit M = Monthly Limit T = Exceeds TRC Limit *** = Exceeds TRC 33%
 +++ = Exceeds TRC Chronic 66% C= Improper Collection Method H = Holding Time Exceeded
 NC = Numerical Violation NC Sample = Sample Taken in Response to Enforcement Action
 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

5/12/2013

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
5/7/2015	1505078	IEUA	G	Oil and Grease, Total	< 8	mg/L			
6/17/2015	EC 150617-23	INDUSTRY	G	Oil and Grease, Total	<1	mg/L			
8/26/2014	EC 140826-3,4	INDUSTRY	C	Pb	0.024	mg/L		14	
8/28/2014	1408365	IEUA	C	Pb	< 0.02	mg/L		14	
11/6/2014	1411070	IEUA	C	Pb	< 0.02	mg/L		14	
11/19/2014	EC 141119-20,21	INDUSTRY	C	Pb	<0.01	mg/L		14	
2/17/2015	EC 150217-10,11	INDUSTRY	C	Pb	0.011	mg/L		14	
2/26/2015	1502329	IEUA	C	Pb	< 0.02	mg/L		14	
5/7/2015	1505078	IEUA	C	Pb	< 0.02	mg/L		14	
6/17/2015	EC 150617-23	INDUSTRY	C	Pb	<0.01	mg/L		14	
8/26/2014	EC 140826-3,4	INDUSTRY	Field	pH	9.01	pH Units		5-12.5	
8/28/2014	1408365	IEUA	Field	pH	7.75	pH Units		5-12.5	
10/6/2014	20141006	INDUSTRY	Field	pH	4.90	pH Units	NC	5-12.5	
11/6/2014	1411070	IEUA	Field	pH	7.86	pH Units		5-12.5	
11/19/2014	EC 141119-20,21	INDUSTRY	Field	pH	8.74	pH Units		5-12.5	
12/2/2014	EC 141202-55	NC sample	Field	pH	8.57	pH Units		5-12.5	
2/17/2015	EC 150217-10,11	INDUSTRY	Field	pH	8.87	pH Units		5-12.5	
2/26/2015	1502329	IEUA	Field	pH	8.00	pH Units		5-12.5	
5/7/2015	1505078	IEUA	Field	pH	8.30	pH Units		5-12.5	
6/17/2015	EC 150617-23	INDUSTRY	Field	pH	8.64	pH Units		5-12.5	
8/28/2014	1408365	IEUA	C	Se	< 0.02	mg/L			
11/6/2014	1411070	IEUA	C	Se	< 0.02	mg/L			
2/26/2015	1502329	IEUA	C	Se	< 0.02	mg/L			
5/7/2015	1505078	IEUA	C	Se	< 0.02	mg/L			
8/26/2014	EC 140826-3,4	INDUSTRY	C	TDS	325	mg/L		800	
8/28/2014	1408365	IEUA	C	TDS	336	mg/L		800	
11/6/2014	1411070	IEUA	C	TDS	398	mg/L		800	
11/19/2014	EC 141119-20,21	INDUSTRY	C	TDS	404	mg/L		800	

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<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>In NC</u>	<u>Permit Limits</u>	
								<u>Daily</u>	<u>Monthly</u>
2/17/2015	EC 150217-10,11	INDUSTRY	C	TDS	32	mg/L		800	
2/25/2015	1502329	IEUA	C	TDS	334	mg/L		800	
5/7/2015	1505078	IEUA	C	TDS	274	mg/L		800	
6/17/2015	EC 150617-23	INDUSTRY	C	TDS	258	mg/L		800	
8/26/2014	EC 140826-3,4	INDUSTRY	Field	Temp	29.1	°C		60	
8/28/2014	1408365	IEUA	Field	Temp	42.9	°C		60	
10/6/2014	20141006	INDUSTRY	Field	Temp	86.7	°C	NC	60	
11/6/2014	1411070	IEUA	Field	Temp	26.3	°C		60	
11/19/2014	EC 141119-20,21	INDUSTRY	Field	Temp	20.7	°C		60	
12/2/2014	EC 141202-55	NC sample	Field	Temp	29.2	°C		60	
2/17/2015	EC 150217-10,11	INDUSTRY	Field	Temp	26.4	°C		60	
2/26/2015	1502329	IEUA	Field	Temp	21.9	°C		60	
5/7/2015	1505078	IEUA	Field	Temp	23.3	°C		60	
6/17/2015	EC 150617-23	INDUSTRY	Field	Temp	34.6	°C		60	
7/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	14329	Gallons			
8/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	14838	Gallons			
9/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	9288	Gallons			
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	9111	Gallons			
11/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	9621	Gallons			
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	4389	Gallons			
1/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	5880	Gallons			
2/28/2015		IU Flow Rpt	Metered	Total Gallons per Month	7501	Gallons			
3/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	6799	Gallons			
8/28/2014	1408365	IEUA	Field	TS	<0.1	mg/L			
11/6/2014	1411070	IEUA	Field	TS	<0.1	mg/L			
2/26/2015	1502329	IEUA	Field	TS	<0.1	mg/L			
5/7/2015	1505078	IEUA	Field	TS	<0.1	mg/L			
8/22/2014	EC 140822-14	INDUSTRY	C	TSS	2	mg/L			

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07/28/2014

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
8/26/2014	EC 140826-3,4	INDUSTRY	C	TSS	2	mg/L		
8/28/2014	1408365	IEUA	C	TSS	< 2	mg/L		
11/6/2014	1411070	IEUA	C	TSS	6	mg/L		
11/19/2014	EC 141119-20,21	INDUSTRY	C	TSS	11	mg/L		
2/17/2015	EC 150217-10,11	INDUSTRY	C	TSS	345	mg/L		
2/25/2015	1502329	IEUA	C	TSS	< 10	mg/L		
5/7/2015	1505078	IEUA	C	TSS	174	mg/L		
6/17/2015	EC 150617-23	INDUSTRY	C	TSS	2	mg/L		
8/26/2014	EC 140826-3,4	INDUSTRY	C	Zn	0.022	mg/L		
8/28/2014	1408365	IEUA	C	Zn	< 0.02	mg/L		
11/6/2014	1411070	IEUA	C	Zn	0.04	mg/L		
11/19/2014	EC 141119-20,21	INDUSTRY	C	Zn	0.057	mg/L		
2/17/2015	EC 150217-10,11	INDUSTRY	C	Zn	0.047	mg/L		
2/26/2015	1502329	IEUA	C	Zn	< 0.02	mg/L		
5/7/2015	1505078	IEUA	C	Zn	0.43	mg/L		
6/17/2015	EC 150617-23	INDUSTRY	C	Zn	0.021	mg/L		

Report compiled by

Date:

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2014/2015 PRETREATMENT ANNUAL REPORT

City of Fontana



City of Fontana CALIFORNIA

July 27, 2015

Craig Proctor
Inland Empire Utilities Agency
P.O. Box 9020
Chino Hills, CA 91709

SUBJECT: ANNUAL REPORT JULY 1, 2014 – JUNE 30, 2015

Dear Mr. Proctor:

Enclosed is the City of Fontana Annual Pretreatment Program Report submission for fiscal year 2014/2015.

“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 enquiry 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.”

If you have any questions or comments regarding this report, please contact me at 350-6698.

Sincerely,
PUBLIC WORKS DEPARTMENT

Dan Chadwick,
Public Works Manager

City of Fontana - Public Works Department
16489 Orange Way, Fontana, CA 92335
(909) 350-6760

**CITY OF FONTANA
PUBLIC WORKS DEPARTMENT**

**PRETREATMENT PROGRAM
ANNUAL REPORT**

This report summarizes the City of Fontana's Pretreatment Program results for the period of July 1, 2014 through June 30, 2015.

1) Table 21 - Summary of Significant Industrial Dischargers and Applicable Standards.

- Summarizes the number of Significant Industrial Users (SIU's) that are in the City of Fontana. Presently, the City has one SIU, Cliffstar, and two Zero Dischargers, Lynam Industries and Luster Cote.

3) Table 22 - Summary of Significant Industrial User (SIU) Compliance Status.

- Summarizes compliance monitoring and inspections performed during fiscal year 2014/2015. The City of Fontana performs all of the self-monitoring for the Industries, except for Cliffstar, who contracted with a certified laboratory to do their self-monitoring. Each SIU is required by their industrial wastewater discharge permit to be monitored quarterly and inspected annually. The Industries may contract self-monitoring if they so desire. Additional self-monitoring by an SIU is required when permittee violates limits and regulations. This self-monitoring must be contracted at the expense of the industry. Lynam Industries and Luster Cote submit a Zero Discharge Certification Statement annually.

4) Table 23 - Summary of Significant Industrial User violations and enforcement actions for fiscal year 2014/2015.

During this reporting period the City enforced industrial wastewater discharge permits through routine sampling, inspection activities, meetings, issuance of Notice of Violations (NOVs), and compliance time schedules. These actions are in accordance with Chapter 23 Fontana Municipal Code, sewer ordinance and the City's approved Enforcement Response Plan.

Cliffstar California LLC operating under permit number 2014-1107 for fiscal year 2014/2015 was issued two (2) Notice of Violations. The NOV's were for exceeding fixed TDS. A re-sample taken was in compliance.

5) Table 24 - Compliance Summary of Industrial Users.

Two (2) Notice of Violations were issued to SIU in 2014/2015. Cliffstar has meet full compliance.

*City of Fontana - Public Works Department
16489 Orange Way, Fontana, CA 92335
(909) 350-6760*

6) Summary of Annual Budget

The City Pretreatment Program budget for fiscal year 2013/2014 and 2014/2015 was and is as follows:

	<u>2013/2014</u>	<u>2014/2015</u>
Personnel Costs	\$ 563,442	\$ 574,240
Operational Costs	\$ 49,600	\$ 45,710
Legal Fees, Lab Services, Engineering Services	\$ 186,000	\$ 191,000
Training	\$ 7,500	\$ 7,500
Vehicle Maintenance & Liability	\$ 77,880	\$ 81,120
Capital Expenditures	<u>\$ 5,000</u>	<u>\$ 5,000</u>
	\$ 889,422	\$ 904,570

The Pretreatment Program currently has a staff complement of 5.3 full-time equivalent positions. (.3) Public Works Director, (.4) Public Works Manager, (.8) Environmental Control Supervisor, (2) Senior Environmental Control Technician, (.9) Environmental Control Technicians, (.2) Senior Analyst, (.2) Admin. Secretary, (.3) Admin. Technician, (.1) Secretary, and (.1) Admin. Clerk.

7) Summary of Public Participation:

The City annually publishes its list of Significant Industrial Users who are in Significant Non-compliance (SNC) during the month of September. One permitted SIU, Cliffstar, is required to be published for FY 2014/2015.

The City of Fontana distributes informational flyers and brochures to residents at public events held throughout the community. As part of routine inspections conducted at commercial/industrial business the City provides informational items (BMP flyers, brochures & regulation documents). In addition, the City of Fontana provides information through the Internet, local newspapers and local access cable TV.

The City also provides an alternative method for properly disposing of Household Hazardous Waste and Used Oil through its Household Hazardous Waste Collection Facility and Curbside Collection program.

8) Summary of Significant changes in Pretreatment Program

The City of Fontana performed 344 industrial/commercial inspections of significant and non-significant dischargers. There were 104 new/renewal Class IV discharge permits issued in fiscal year 2013/2014, which brings the total of Commercial/Industrial Wastewater permits to 386.

The City of Fontana's Pretreatment Program provides hands-outs and brochures to businesses; addressing the proper disposal of grease, grease interceptor maintenance and stormwater Best Management Practices (BMP's). The brochures are applicable to both commercial and residential customers. The City of Fontana routinely participates in public events such as Fontana Days and community outreach programs. Information is geared

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toward public awareness of stormwater and wastewater BMP's, watershed protection and pollution prevention. Personnel are active members of CWEA and stay up to date with EPA regulations by attending several conferences and workshops throughout the year. Subscriptions to water/wastewater periodicals are used to stay informed of the latest technology. The City's General Information System (GIS) allows the City to manage, maintain and improve the sewer collection system by providing updated information on a regular basis.

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(909) 350-6760*

Table 21
List of Significant Industrial Users and Applicable Standards
2014/2015

Agency: City of Fontana

Permit Number	Industrial User Name and Address	Addition/Deletion and Reason	Applicable Federal Category and Standard	Local Limits More Stringent Than Federal
2014-1107	Cliffstar California LLC 11751 Pacific Ave. Fontana, CA 92337	N/A	N/A	Local Limits
2011-1127	Lynam Industries 13050 Santa Ana Ave. Fontana, CA 92337	Zero Discharge	Metal Finishing 40 CFR Part 433.17	Local Limits
2014-565	Luster Cote Inc. 10841 Business Dr. Fontana, CA 92337	Zero Discharge	Coil Coating 40 CFR 465.14	Local Limits

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Table 22
Significant Industrial User Compliance Status
2014/2015

Agency: City of Fontana

Industrial User Name and Address	SIC	Type of Pretreatment Present	# Samples Taken		TTO Cert.	# Inspections Conducted
			IU	Agency		
Cliffstar California LLC 11751 Pacific Ave. Fontana, CA 92337	2086	Clarification pH neutralization Best Management Practices	6	1	N/A	3
Lynam Industries 13050 Santa Ana Ave. Fontana, CA 92337	3429	N/A Zero Discharge	0	0	N/A	1
Luster Cote Inc. 10841 Business Dr. Fontana, CA 92337	3479	N/A Zero Discharge	0	0	N/A	1

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Table 23
Significant Industrial User Violations and Applicable Enforcement Actions
2014/2015

Agency: City of Fontana

Industrial User Name and Address	SNC Yes/No	Summary of Enforcement Actions Proposed or Taken	Standards Violated		Compliance status	Amount of Fines this Year
			Federal	Local		
Cliffstar California LLC 11751 Pacific Ave. Fontana, CA 92337	Yes	(2) Notice of Violation Issued			In compliance	\$0.00
		2-18-15 – Exceeded permit discharge limit for fixed TDS.	N/A	Yes		
		2-27-15 –Exceeded permit discharge limit for fixed TDS	N/A	Yes		

Note: () = Number of enforcement actions.

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Table 24

**Compliance Summary of Industrial Users
2014/2015**

Agency: City of Fontana

Number of SIU's in SNC with pretreatment compliance schedules	0
Number of Notices of Violation and Administrative Orders issued to SIU's	2
Number of Civil and Criminal Judicial Actions filed against SIU's	0
Number of SIU's published for SNC	1
Number of SIU's where penalties were collected	0

2014/2015 INDUSTRY MONITORING DATA

City of Fontana



Inland Empire Utilities Agency Pretreatment & Source Control Program Laboratory Analysis Summary

Sample Date: Jul 1 2014 - Jun 30 2015

Permittee: **Cliffstar California LLC - Monitoring Point 001**

Permit No: 2014-1107

01/21/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
8/19/2014	TL 14H0255	CITY	C	BOD5	1990	mg/L			
12/16/2014	TL 14L0383-01	CITY	C	BOD5	2700	mg/L			
1/21/2015	TL 15A0260-01	CITY	C	BOD5	4830	mg/L			
2/18/2015	ESB B5B1772-01	CITY	C	BOD5	6535	mg/L			
2/27/2015	TL 15B0397	NC sample Violation	C	BOD5	5640	mg/L			
4/3/2015	TL 15C0327-01,02	NC sample	C	BOD5	2320	mg/L			
4/21/2015	TL 15D0332-01	CITY	C	BOD5	2180	mg/L			
8/19/2014	TL 14H0255	CITY	Flow Meter	Flow-T	63167	gpd			120000
1/21/2015	TL 15A0260-01	CITY	Flow Meter	Flow-T	48871	gpd			120000
2/18/2015	ESB B5B1772-01	CITY	Flow Meter	Flow-T	39611	gpd			120000
2/27/2015	TL 15B0397	NC sample Violation	Flow Meter	Flow-T	83564	gpd			120000
4/3/2015	TL 15C0327-01,02	NC sample	Flow Meter	Flow-T	118320	gpd			120000
4/21/2015	TL 15D0332-01	CITY	Flow Meter	Flow-T	105245	gpd			120000
8/19/2014	TL 14H0255	CITY	Field	pH	7.99	pH Units			5.0-12.5
1/21/2015	TL 15A0260-01	CITY	Field	pH	6.9	pH Units			5.0-12.5
2/18/2015	ESB B5B1772-01	CITY	Field	pH	6.35	pH Units			5.0-12.5
2/27/2015	TL 15B0397	NC sample Violation	Field	pH	7.05	pH Units			5.0-12.5
4/3/2015	TL 15C0327-01,02	NC sample	Field	pH	7.90	pH Units			5.0-12.5
4/21/2015	TL 15D0332-01	CITY	Field	pH	8.37	pH Units			5.0-12.5
2/27/2015	TL 15B0397	NC sample Violation	C	TDS	3520	mg/L			
8/19/2014	TL 14H0255	CITY	C	TDS, Fixed	540	mg/L			800
12/16/2014	TL 14L0383-01	CITY	C	TDS, Fixed	390	mg/L			800

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1/21/2015

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
1/21/2015	TL 15A0260-01	CITY	C	TDS, Fixed	720	mg/L		800
2/18/2015	ESB B5B1772-01	CITY	C	TDS, Fixed	2200	mg/L	NC	800
2/27/2015	TL 15B0397	NC sample Violation	C	TDS, Fixed	1040	mg/L	NC	800
4/3/2015	TL 15C0327-01,02	NC sample	C	TDS, Fixed	456	mg/L		800
4/21/2015	TL 15D0332-01	CITY	C	TDS, Fixed	404	mg/L		800
8/19/2014	TL 14H0255	CITY	Field	Temp	37.6	°C		60
1/21/2015	TL 15A0260-01	CITY	Field	Temp	18.3	°C		60
2/18/2015	ESB B5B1772-01	CITY	Field	Temp	26.6	°C		60
4/3/2015	TL 15C0327-01,02	NC sample	Field	Temp	40	°C		60
4/21/2015	TL 15D0332-01	CITY	Field	Temp	34.5	°C		60
8/19/2014	TL 14H0255	CITY	C	TSS	37.3	mg/L		
12/16/2014	TL 14L0383-01	CITY	C	TSS	118	mg/L		
1/21/2015	TL 15A0260-01	CITY	C	TSS	225	mg/L		
2/18/2015	ESB B5B1772-01	CITY	C	TSS	209	mg/L		
2/27/2015	TL 15B0397	NC sample Violation	C	TSS	260	mg/L		
4/3/2015	TL 15C0327-01,02	NC sample	C	TSS	46.7	mg/L		
4/21/2015	TL 15D0332-01	CITY	C	TSS	86.7	mg/L		

Report compiled by

Date:

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2014/2015 PRETREATMENT ANNUAL REPORT

City of Montclair

IEUA PRETREATMENT ACTIVITIES FOR THE CITY OF MONTCLAIR'S SIGNIFICANT INDUSTRIAL USERS

During the fiscal year IEUA managed program activities including permitting, monitoring, inspection and enforcement actions for 1 SIU. The following paragraphs describe the SIU, its manufacturing process, and any permit activities that occurred during the fiscal year.

Jewlland-Freya Health Sciences, LLC dba Ingredients by Nature Manufacturing, LLC Permit No. MONT-001

Jewlland-Freya Health Sciences, LLC dba Ingredients by Nature Manufacturing, LLC (IBN) is a manufacturer and distributor of herbal products and dietary supplements. IBN's manufacturing operations include granulating, grinding, micronization, chilsonating, mixing and blending, sterilization (heat treatment), tableting, encapsulating, and formulating.

IBN's sources of wastewater are the result of cleaning procedures after the completion of each batch of product. IBN's discharge is subject to 40 CFR 439, Subpart D—Mixing/ Compounding and Formulation.

IBN's wastewater discharge permit was reissued on January 14, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Table 25: City of Montclair - List of Significant Industrial Users and Applicable Standards

CURRENTLY PERMITTED	INDUSTRIAL USER NAME & ADDRESS	ADDITION / DELETION & REASON	APPLICABLE FEDERAL CATEGORY & STANDARD	LOCAL LIMITS MORE STRINGENT THAN FEDERAL
Yes	Jewlland-Freya Health Sciences, LLC dba Ingredients by Nature Manufacturing, LLC 5555 Brooks Street Montclair, CA 91763		Pharmaceutical Mfg., Part 439, Subpart D	None

Table 26: City of Montclair - Significant Industrial User Compliance Status

INDUSTRIAL USER NAME & ADDRESS	INDUSTRIAL CATEGORY	TYPE OF PRETREATMENT PRESENT	NUMBER OF SAMPLES TAKEN		TTO (TOMP) CERTIFICATION	NUMBER OF INSPECTIONS CONDUCTED
			IU	AGENCY		
Jewlland-Freya Health Sciences, LLC dba Ingredients by Nature Manufacturing, LLC 5555 Brooks Street Montclair, CA 91763	Pharmaceutical Mfg., Part 439, Subpart D	Clarification	18	8	No	4

Table 27: City of Montclair - Significant Industrial User Violations and Applicable Enforcement Action

INDUSTRIAL USER NAME & ADDRESS	STANDARDS VIOLATED		SNC	SUMMARY OF ENFORCEMENT ACTIONS PROPOSED OR TAKEN	ENFORCEMENT ACTION/ DATE	FINES ASSESSED THIS YEAR
	Federal	Local				
Jewlland-Freya Health Sciences, LLC dba Ingredients by Nature Manufacturing, LLC 5555 Brooks Street Montclair, CA 91763	None	TDS, Fixed	No	Notice of Violation and Order for Corrective Action for exceeding daily discharge local limit for TDS, Fixed in October 2014.	1/7/15	None
	None	TDS, Fixed	No	Notice of Violation and Order for Corrective Action for exceeding daily discharge local limit for TDS, Fixed in January 2015.	3/2/15	None
	None	TDS, Fixed	No	Notice of Violation/Order for Corrective Action and Compliance Meeting for repeatedly exceeding daily discharge local limit for TDS, Fixed in March and April 2015.	4/27/15	None
	None	TDS, Fixed	No	Notice of Violation/Order for Corrective Action and Compliance Meeting for repeatedly exceeding daily discharge local limit for TDS, Fixed in May 2015.	6/30/15	None

Table 28: City of Montclair - Compliance Summary of Significant Industrial Users

Number of SIUs in SNC with pretreatment compliance schedules:	0
Number of Notices of Violations & Administrative Orders issued to SIUs:	4
Number of Civil & Criminal Judicial Actions filed against SIUs:	0
Number of SIUs published for SNC:	0
Number of SIUs where penalties were collected:	0

SIU Significant Industrial User
 SNC Significant Noncompliance per 40 CFR 403.8

2014/2015 INDUSTRY MONITORING DATA

City of Montclair



Inland Empire Utilities Agency Pretreatment & Source Control Program Laboratory Analysis Summary

Sample Date: Jul 1 2014 - Jun 30 2015

Permittee: **Jewlland-Freya Health Sciences, LLC dba Ingredients by Nature Manufacturing, LLC -
Monitoring Point 001**

Permit No: MONT-001

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>In NC</u>	<u>Permit Limits</u>	
								<u>Daily</u>	<u>Monthly</u>
8/27/2014	1408336	IEUA	G	Acetone	504	µg/L		20700	8200
10/2/2014	WL 4J02073-01,02	INDUSTRY	G	Acetone	<250	µg/L		20700	8200
11/5/2014	WL 4K05081-01,02	Make-Up Sample	G	Acetone	<250	µg/L		20700	8200
1/22/2015	WL 5A22058-01,02	INDUSTRY	G	Acetone	900	µg/L		20700	8200
2/24/2015	1502313	IEUA	G	Acetone	5070	µg/L		20700	8200
5/13/2015	WL 5E13086-01	INDUSTRY	G	Acetone	490	µg/L		20700	8200
9/9/2014	1409144	IEUA	C	Ag	< 0.01	mg/L			
9/10/2014	1409145	IEUA	C	Ag	< 0.01	mg/L			
9/11/2014	1409159	IEUA	C	Ag	< 0.01	mg/L			
9/9/2014	1409144	IEUA	C	Al	0	µg/L			
9/10/2014	1409145	IEUA	C	Al	< 0	µg/L			
9/11/2014	1409159	IEUA	C	Al	< 0	µg/L			
9/9/2014	1409144	IEUA	C	As	< 0.01	mg/L			
9/10/2014	1409145	IEUA	C	As	< 0.01	mg/L			
9/11/2014	1409159	IEUA	C	As	< 0.01	mg/L			
9/9/2014	1409144	IEUA	C	B	< 0.1	mg/L			
9/10/2014	1409145	IEUA	C	B	< 0.1	mg/L			
9/11/2014	1409159	IEUA	C	B	< 0.1	mg/L			
9/9/2014	1409144	IEUA	C	Ba	0.05	mg/L			
9/10/2014	1409145	IEUA	C	Ba	0.06	mg/L			
9/11/2014	1409159	IEUA	C	Ba	0.05	mg/L			
9/9/2014	1409144	IEUA	C	Be	< 0.01	µg/L			
9/10/2014	1409145	IEUA	C	Be	< 0.01	µg/L			

Key to Result Flags

D = Daily Limit L = Local Limit M = Monthly Limit T = Exceeds TRC Limit *** = Exceeds TRC 33%
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							<u>In NC</u>	<u>Daily</u>	<u>Monthly</u>
9/11/2014	1409159	IEUA	C	Be	< 0.01	µg/L			
8/19/2014	WL 4H19083-01,0	INDUSTRY	C	BOD5	640	mg/L			
8/28/2014	1408351	IEUA	C	BOD5	200	mg/L			
9/9/2014	1409144	IEUA	C	BOD5	163	mg/L			
9/10/2014	1409145	IEUA	C	BOD5	315	mg/L			
9/11/2014	1409159	IEUA	C	BOD5	425	mg/L			
10/2/2014	WL 4J02073-01,02	INDUSTRY	C	BOD5	810	mg/L			
10/30/2014	1410381	IEUA	C	BOD5	990	mg/L			
1/22/2015	WL 5A22058-01,02	INDUSTRY	C	BOD5	530	mg/L			
2/24/2015	1502313	IEUA	C	BOD5	548	mg/L			
4/16/2015	1504192	IEUA	C	BOD5	1370	mg/L			
5/13/2015	WL 5E13086-01	INDUSTRY	C	BOD5	490	mg/L			
6/4/2015	1506049	IEUA	C	BOD5	2170	mg/L			
9/9/2014	1409144	IEUA	C	Ca	62	mg/L			
9/10/2014	1409145	IEUA	C	Ca	77	mg/L			
9/11/2014	1409159	IEUA	C	Ca	67	mg/L			
9/9/2014	1409144	IEUA	C	Cd	< 0.01	mg/L			
9/10/2014	1409145	IEUA	C	Cd	< 0.01	mg/L			
9/11/2014	1409159	IEUA	C	Cd	< 0.01	mg/L			
9/9/2014	1409144	IEUA	C	Cl	85	mg/L			
9/10/2014	1409145	IEUA	C	Cl	91	mg/L			
9/11/2014	1409159	IEUA	C	Cl	102	mg/L			
9/9/2014	1409144	IEUA	G	CN, Aquatic Free	< 2	µg/L			
9/10/2014	1409145	IEUA	G	CN, Aquatic Free	< 2	µg/L			
9/11/2014	1409159	IEUA	G	CN, Aquatic Free	< 2	µg/L			
9/9/2014	1409144	IEUA	G	CN, Total	0.008	mg/L			
9/10/2014	1409145	IEUA	G	CN, Total	0.007	mg/L			
9/11/2014	1409159	IEUA	G	CN, Total	0.008	mg/L			

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							<u>In NC</u>	<u>Daily</u>	<u>Monthly</u>
9/9/2014	1409144	IEUA	C	Co	< 0.01	mg/L			
9/10/2014	1409145	IEUA	C	Co	< 0.01	mg/L			
9/11/2014	1409159	IEUA	C	Co	< 0.01	mg/L			
9/9/2014	1409144	IEUA	C	Cr	< 0.01	mg/L			
9/10/2014	1409145	IEUA	C	Cr	0.01	mg/L			
9/11/2014	1409159	IEUA	C	Cr	0.01	mg/L			
9/9/2014	1409144	IEUA	C	Cu	0.12	mg/L			
9/10/2014	1409145	IEUA	C	Cu	0.13	mg/L			
9/11/2014	1409159	IEUA	C	Cu	0.14	mg/L			
8/28/2014	1408351	IEUA	Field	DS	<0.1	mg/L			
9/9/2014	1409144	IEUA	Field	DS	<0.1	mg/L			
9/10/2014	1409145	IEUA	Field	DS	<0.1	mg/L			
9/11/2014	1409159	IEUA	Field	DS	<0.1	mg/L			
10/30/2014	1410381	IEUA	Field	DS	<0.1	mg/L			
2/24/2015	1502313	IEUA	Field	DS	2.2	mg/L			
4/16/2015	1504192	IEUA	Field	DS	<0.1	mg/L			
6/4/2015	1506049	IEUA	Field	DS	<0.1	mg/L			
8/28/2014	Jewlland Method 1	IEUA	G	ethyl acetate	13.1	µg/L		20700	8200
10/2/2014	WL 4J02073-01,02	INDUSTRY	G	ethyl acetate	<100	µg/L		20700	8200
11/5/2014	WL 4K05081-01,02	Make-Up Sample	G	ethyl acetate	<100	µg/L		20700	8200
1/22/2015	WL 5A22058-01,02	INDUSTRY	G	ethyl acetate	<5.0	µg/L		20700	8200
2/24/2015	LLE 522051	IEUA	G	ethyl acetate	<50	µg/L		20700	8200
5/13/2015	WL 5E13086-01	INDUSTRY	G	ethyl acetate	<5.0	µg/L		20700	8200
9/9/2014	1409144	IEUA	C	Fe	0.35	mg/L			
9/10/2014	1409145	IEUA	C	Fe	0.42	mg/L			
9/11/2014	1409159	IEUA	C	Fe	0.56	mg/L			
9/9/2014	1409144	IEUA	C	Hg	< 0.0005	mg/L			
9/10/2014	1409145	IEUA	C	Hg	< 0.0005	mg/L			

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								Daily	Monthly
9/11/2014	1409159	IEUA	C	Hg	< 0.0005	mg/L			
8/28/2014	Jewland Method 1	IEUA	G	isopropyl acetate	<10	µg/L		20700	8200
10/2/2014	WL 4J02073-01,02	INDUSTRY	G	isopropyl acetate	<100	µg/L		20700	8200
11/5/2014	WL 4K05081-01,02	Make-Up Sample	G	isopropyl acetate	<100	µg/L		20700	8200
1/22/2015	WL 5A22058-01,02	INDUSTRY	G	isopropyl acetate	<5.0	µg/L		20700	8200
2/24/2015	LLE 522051	IEUA	G	isopropyl acetate	<50	µg/L		20700	8200
5/13/2015	WL 5E13086-01	INDUSTRY	G	isopropyl acetate	<5.0	µg/L		20700	8200
9/9/2014	1409144	IEUA	C	K	5	mg/L			
9/10/2014	1409145	IEUA	C	K	8	mg/L			
9/11/2014	1409159	IEUA	C	K	5	mg/L			
8/28/2014	Jewland Method 1	IEUA	G	m & p-Xylene	<10	µg/L			
2/24/2015	LLE 522051	IEUA	G	m & p-Xylene	<50	µg/L			
8/27/2014	1408336	IEUA	G	Methylene chloride	< 0.5	µg/L		3000	700
10/2/2014	WL 4J02073-01,02	INDUSTRY	G	Methylene chloride	<50	µg/L		3000	700
11/5/2014	WL 4K05081-01,02	Make-Up Sample	G	Methylene chloride	<25	µg/L		3000	700
1/22/2015	WL 5A22058-01,02	INDUSTRY	G	Methylene chloride	<10	µg/L		3000	700
2/24/2015	1502313	IEUA	G	Methylene chloride	< 0.5	µg/L		3000	700
5/13/2015	WL 5E13086-01	INDUSTRY	G	Methylene chloride	<10.0	µg/L		3000	700
9/9/2014	1409144	IEUA	C	Mg	10.6	mg/L			
9/10/2014	1409145	IEUA	C	Mg	26.0	mg/L			
9/11/2014	1409159	IEUA	C	Mg	17.4	mg/L			
9/9/2014	1409144	IEUA	C	Mn	0.07	mg/L			
9/10/2014	1409145	IEUA	C	Mn	0.20	mg/L			
9/11/2014	1409159	IEUA	C	Mn	0.16	mg/L			
9/9/2014	1409144	IEUA	C	Mo	< 0.01	mg/L			
9/10/2014	1409145	IEUA	C	Mo	0.01	mg/L			
9/11/2014	1409159	IEUA	C	Mo	< 0.01	mg/L			

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								<u>Daily</u>	<u>Monthly</u>
9/9/2014	1409144	IEUA	C	Na	64	mg/L			
9/10/2014	1409145	IEUA	C	Na	94	mg/L			
9/11/2014	1409159	IEUA	C	Na	108	mg/L			
8/28/2014	Jewlland Method 1	IEUA	G	n-amyl acetate	<5	µg/L		20700	8200
10/2/2014	WL 4J02073-01,02	INDUSTRY	G	n-amyl acetate	<100	µg/L		20700	8200
11/5/2014	WL 4K05081-01,02	Make-Up Sample	G	n-amyl acetate	<100	µg/L		20700	8200
1/22/2015	WL 5A22058-01,02	INDUSTRY	G	n-amyl acetate	<5.0	µg/L		20700	8200
2/24/2015	LLE 522051	IEUA	G	n-amyl acetate	<25	µg/L		20700	8200
5/13/2015	WL 5E13086-01	INDUSTRY	G	n-amyl acetate	<5.0	µg/L		20700	8200
9/9/2014	1409144	IEUA	C	NH3-N	0.3	mg/L			
9/10/2014	1409145	IEUA	C	NH3-N	0.2	mg/L			
9/11/2014	1409159	IEUA	C	NH3-N	0.4	mg/L			
9/9/2014	1409144	IEUA	C	Ni	< 0.01	mg/L			
9/10/2014	1409145	IEUA	C	Ni	< 0.01	mg/L			
9/11/2014	1409159	IEUA	C	Ni	< 0.01	mg/L			
9/9/2014	1409144	IEUA	C	NO2-N	3.31	mg/L			
9/10/2014	1409145	IEUA	C	NO2-N	<0.02	mg/L			
9/11/2014	1409159	IEUA	C	NO2-N	0.35	mg/L			
9/9/2014	1409144	IEUA	C	NO3-N	0.4	mg/L			
9/10/2014	1409145	IEUA	C	NO3-N	< 0.1	mg/L			
9/11/2014	1409159	IEUA	C	NO3-N	2.3	mg/L			
8/28/2014	Jewlland Method 1	IEUA	G	o-Xylene	<5	µg/L			
2/24/2015	LLE 522051	IEUA	G	o-Xylene	<25	µg/L			
9/9/2014	1409144	IEUA	C	Pb	< 0.02	mg/L			
9/10/2014	1409145	IEUA	C	Pb	< 0.02	mg/L			
9/11/2014	1409159	IEUA	C	Pb	< 0.02	mg/L			
8/19/2014	WL 4H19083-01,0	INDUSTRY	Field	pH	7.38	pH Units		5.0 - 12.5	
8/28/2014	1408351	IEUA	Field	pH	6.22	pH Units		5.0 - 12.5	

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9/9/2014	1409144	IEUA	Field	pH	6.63	pH Units		5.0 - 12.5	
9/10/2014	1409145	IEUA	Field	pH	6.20	pH Units		5.0 - 12.5	
9/11/2014	1409159	IEUA	Field	pH	6.12	pH Units		5.0 - 12.5	
10/2/2014	WL 4J02073-01,02	INDUSTRY	Field	pH	6.10	pH Units		5.0 - 12.5	
10/30/2014	1410381	IEUA	Field	pH	6.10	pH Units		5.0 - 12.5	
11/4/2014	WECK 4K04081-0	INDUSTRY	Field	pH	7.05	pH Units		5.0 - 12.5	
1/13/2015	WL 5A13073-01	INDUSTRY	Field	pH	6.84	pH Units		5.0 - 12.5	
1/22/2015	WL 5A22058-01,02	INDUSTRY	Field	pH	6.82	pH Units		5.0 - 12.5	
2/19/2015	WL 5B19056-1	INDUSTRY	Field	pH	6.15	pH Units		5.0 - 12.5	
2/24/2015	1502313	IEUA	Field	pH	5.6	pH Units		5.0 - 12.5	
2/26/2015	WL 5B26054-1	INDUSTRY	Field	pH	6.1	pH Units		5.0 - 12.5	
3/6/2015	WL 5C06055-01	INDUSTRY	Field	pH	7.08	pH Units		5.0 - 12.5	
4/9/2015	WL 5D09090-01	INDUSTRY	Field	pH	6.15	pH Units		5.0 - 12.5	
4/16/2015	WL 5D16046-01	INDUSTRY	Field	pH	7.56	pH Units		5.0 - 12.5	
	1504192	IEUA	Field	pH	6.90	pH Units		5.0 - 12.5	
4/23/2015	WL 5D23065-01	INDUSTRY	Field	pH	7.03	pH Units		5.0 - 12.5	
5/5/2015	WL 5E05100-01	INDUSTRY	Field	pH	6.83	pH Units		5.0 - 12.5	
5/12/2015	WL 5E12069-01	INDUSTRY	Field	pH	6.8	pH Units		5.0 - 12.5	
5/13/2015	WL 5E13086-01	INDUSTRY	Field	pH	6.61	pH Units		5.0 - 12.5	
5/19/2015	WL 5E12069-01	INDUSTRY	Field	pH	6.87	pH Units		5.0 - 12.5	
	WL 5E19071-01	NC sample Violation	Field	pH	6.87	pH Units		5.0 - 12.5	
6/4/2015	1506049	IEUA	Field	pH	6.90	pH Units		5.0 - 12.5	
6/22/2015	WL 5F23079-01	INDUSTRY	Field	pH	7.31	pH Units		5.0 - 12.5	
6/23/2015		INDUSTRY	Field	pH	6.6	pH Units		5.0 - 12.5	
9/9/2014	1409144	IEUA	C	Sb	< 0.02	µg/L			
9/10/2014	1409145	IEUA	C	Sb	< 0.02	µg/L			
9/11/2014	1409159	IEUA	C	Sb	< 0.02	µg/L			
9/9/2014	1409144	IEUA	C	Se	< 0.02	mg/L			

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9/10/2014	1409145	IEUA	C	Se	< 0.02	mg/L			
9/11/2014	1409159	IEUA	C	Se	< 0.02	mg/L			
9/9/2014	1409144	IEUA	C	Si	11.4	mg/L			
9/10/2014	1409145	IEUA	C	Si	12.8	mg/L			
9/11/2014	1409159	IEUA	C	Si	11.7	mg/L			
9/9/2014	1409144	IEUA	C	SO4	91	mg/L			
9/10/2014	1409145	IEUA	C	SO4	72	mg/L			
9/11/2014	1409159	IEUA	C	SO4	66	mg/L			
8/19/2014	WL 4H19083-01,0	INDUSTRY	C	TDS	760	mg/L			
8/28/2014	1408351	IEUA	C	TDS	862	mg/L			
9/9/2014	1409144	IEUA	C	TDS	478	mg/L			
9/10/2014	1409145	IEUA	C	TDS	658	mg/L			
9/11/2014	1409159	IEUA	C	TDS	634	mg/L			
10/2/2014	WL 4J02073-01,02	INDUSTRY	C	TDS	1700	mg/L			
10/30/2014	1410381	IEUA	C	TDS	1180	mg/L			
1/22/2015	WL 5A22058-01,02	INDUSTRY	C	TDS	800	mg/L			
2/24/2015	1502313	IEUA	C	TDS	780	mg/L			
4/16/2015	1504192	IEUA	C	TDS	1290	mg/L			
5/13/2015	WL 5E13086-01	INDUSTRY	C	TDS	1100	mg/L			
6/4/2015	1506049	IEUA	C	TDS	5180	mg/L			
8/19/2014	WL 4H19083-01,0	INDUSTRY	C	TDS, Fixed	350	mg/L			550
8/28/2014	1408351	IEUA	C	TDS, Fixed	638	mg/L	NC		550
9/9/2014	1409144	IEUA	C	TDS, Fixed	364	mg/L			550
9/10/2014	1409145	IEUA	C	TDS, Fixed	526	mg/L			550
9/11/2014	1409159	IEUA	C	TDS, Fixed	512	mg/L			550
10/2/2014	WL 4J02073-01,02	INDUSTRY	C	TDS, Fixed	360	mg/L			550
10/30/2014	1410381	IEUA	C	TDS, Fixed	572	mg/L	NC		550
11/4/2014	WECK 4K04081-0	NC sample	C	TDS, Fixed	530	mg/L			550

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								<u>Daily</u>	<u>Monthly</u>
1/13/2015	WL 5A13073-01	NC sample Violation	C	TDS, Fixed	570	mg/L	NC	550	
1/22/2015	WL 5A22058-01,02	INDUSTRY	C	TDS, Fixed	530	mg/L		550	
2/16/2015	WL 5B26054-1	NC sample	C	TDS, Fixed	510	mg/L		550	
2/19/2015	WL 5B19056-01	NC sample	C	TDS, Fixed	400	mg/L		550	
2/24/2015	1502313	IEUA	C	TDS, Fixed	532	mg/L		550	
3/6/2015	WL 5C06055-01	NC sample Violation	C	TDS, Fixed	740	mg/L	NC	550	
4/9/2015	WL 5D09090-01	NC sample	C	TDS, Fixed	430	mg/L		550	
4/16/2015	1504192	IEUA	C	TDS, Fixed	678	mg/L	NC	550	
	WL 5D16046-01	NC sample Violation	C	TDS, Fixed	560	mg/L	NC	550	
4/23/2015	WL 5D23065-01	INDUSTRY	C	TDS, Fixed	460	mg/L		550	
5/5/2015	WL 5E05100-01	INDUSTRY	C	TDS, Fixed	700	mg/L	NC	550	
5/12/2015	WL 5E12069-01	NC sample	C	TDS, Fixed	460	mg/L		550	
		INDUSTRY	C	TDS, Fixed	460	mg/L		550	
5/13/2015	WL 5E13086-01	INDUSTRY	C	TDS, Fixed	580	mg/L	NC	550	
5/19/2015	WL 5E19071-01	NC sample Violation	C	TDS, Fixed	680	mg/L	NC	550	
6/4/2015	1506049	IEUA	C	TDS, Fixed	600	mg/L	NC	550	
6/22/2015	WL 5F23079-01	NC sample	C	TDS, Fixed	200	mg/L		550	
6/23/2015		NC sample	C	TDS, Fixed	340	mg/L		550	
8/19/2014	WL 4H19083-01,0	INDUSTRY	Field	Temp	24.1	°C		60	
8/28/2014	1408351	IEUA	Field	Temp	30.0	°C		60	
9/9/2014	1409144	IEUA	Field	Temp	29.2	°C		60	
9/10/2014	1409145	IEUA	Field	Temp	29.3	°C		60	
9/11/2014	1409159	IEUA	Field	Temp	30.9	°C		60	
10/2/2014	WL 4J02073-01,02	INDUSTRY	Field	Temp	27.8	°C		60	
10/30/2014	1410381	IEUA	Field	Temp	19.9	°C		60	
1/22/2015	WL 5A22058-01,02	INDUSTRY	Field	Temp	27.2	°C		60	

Key to Result Flags

D = Daily Limit L = Local Limit M = Monthly Limit T = Exceeds TRC Limit *** = Exceeds TRC 33%
 +++ = Exceeds TRC Chronic 66% C= Improper Collection Method H = Holding Time Exceeded
 NC = Numerical Violation NC Sample = Sample Taken in Response to Enforcement Action
 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>		
							<u>In NC</u>	<u>Daily</u>	<u>Monthly</u>
2/24/2015	1502313	IEUA	Field	Temp	20.3	°C		60	
4/16/2015	1504192	IEUA	Field	Temp	23.9	°C		60	
5/13/2015	WL 5E13086-01	INDUSTRY	Field	Temp	23.3	°C		60	
6/4/2015	1506049	IEUA	Field	Temp	23.3	°C		60	
9/9/2014	1409144	IEUA	C	TI	< 0.05	µg/L			
9/10/2014	1409145	IEUA	C	TI	< 0.05	µg/L			
9/11/2014	1409159	IEUA	C	TI	< 0.05	µg/L			
8/28/2014	1408351	IEUA	Field	TS	4.7	mg/L			
9/9/2014	1409144	IEUA	Field	TS	<0.1	mg/L			
9/10/2014	1409145	IEUA	Field	TS	<0.1	mg/L			
9/11/2014	1409159	IEUA	Field	TS	<0.1	mg/L			
10/30/2014	1410381	IEUA	Field	TS	0.5	mg/L			
2/24/2015	1502313	IEUA	Field	TS	2.5	mg/L			
4/16/2015	1504192	IEUA	Field	TS	<0.1	mg/L			
6/4/2015	1506049	IEUA	Field	TS	<0.1	mg/L			
8/19/2014	WL 4H19083-01,0	INDUSTRY	C	TSS	26	mg/L			
8/28/2014	1408351	IEUA	C	TSS	53	mg/L			
9/9/2014	1409144	IEUA	C	TSS	114	mg/L			
9/10/2014	1409145	IEUA	C	TSS	98	mg/L			
9/11/2014	1409159	IEUA	C	TSS	144	mg/L			
10/2/2014	WL 4J02073-01,02	INDUSTRY	C	TSS	54	mg/L			
10/30/2014	1410381	IEUA	C	TSS	356	mg/L			
1/22/2015	WL 5A22058-01,02	INDUSTRY	C	TSS	170	mg/L			
2/24/2015	1502313	IEUA	C	TSS	32	mg/L			
4/16/2015	1504192	IEUA	C	TSS	227	mg/L			
5/13/2015	WL 5E13086-01	INDUSTRY	C	TSS	37	mg/L			
6/4/2015	1506049	IEUA	C	TSS	121	mg/L			
9/9/2014	1409144	IEUA	C	Zn	0.20	mg/L			

Key to Result Flags

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 +++ = Exceeds TRC Chronic 66% C= Improper Collection Method H = Holding Time Exceeded
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 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

Permittee: **Jewlland-Freya Health Sciences, LLC dba Ingredients by Nature Manufacturing, LLC -
Monitoring Point 001**

Permit No: MONT-001

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>In NC</u>	<u>Permit Limits</u>	
								<u>Daily</u>	<u>Monthly</u>
9/10/2014	1409145	IEUA	C	Zn	0.52	mg/L			
9/11/2014	1409159	IEUA	C	Zn	0.74	mg/L			

Report compiled by

Date:

Key to Result Flags

D = Daily Limit L = Local Limit M = Monthly Limit T = Exceeds TRC Limit *** = Exceeds TRC 33%
+++ = Exceeds TRC Chronic 66% C= Improper Collection Method H = Holding Time Exceeded
NC = Numerical Violation NC Sample = Sample Taken in Response to Enforcement Action
C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

2014/2015 PRETREATMENT ANNUAL REPORT

City of Ontario

IEUA PRETREATMENT ACTIVITIES FOR THE CITY OF ONTARIO'S SIGNIFICANT INDUSTRIAL USERS

During the Fiscal Year IEUA continued with the management of all program activities including permitting, monitoring, inspection and enforcement actions for 9 SIUs. The following paragraphs describe each SIU, its manufacturing process, and any permit activities that occurred during the fiscal year.

Coca-Cola North America Permit No. ONT-605

Coca-Cola North America (Coke) manufactures beverage fountain syrups using liquid concentrates, dry ingredients, sweeteners, and softened water. The products are packaged in various plastic and stainless steel containers which are returned from customers to be cleaned and reused as new product containers. Coke has three wastewater streams: process wastewater, domestic waste, and high TDS wastewater. Coke's process waste stream is generated primarily from cleaning of process equipment and is pre-treated prior to being discharged to the City's sewer. Its domestic waste is discharged to the City's sewer via a different outfall and its high TDS wastewater is discharged to the IEUA Non-Reclaimable Wastewater System.

Coke is categorized as a Significant Industrial User (SIU) as described in 40 CFR 403 due to its process wastewater discharge of 25,000 GPD or more. Coke's wastewater discharge permit was reissued on November 25, 2014 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Discus Dental, LLC Permit No. ONT-29807

Discus Dental, LLC (Discus) is a manufacturer of teeth whitening gels, toothpaste, mouth rinses, tongue gels, impression materials for crowns, bridges, dentures, and implants.

Discus wastewater is generated from washing of tanks and cleaning of mixing vessels, buckets, and utensils used in the manufacturing process. Wastewater is collected in two channel drains. A condensate line from the raw material storage freezer also discharges minimal flow into the channel drains.

Discus has been operating since September 1999 and, therefore, is subject to 40 CFR Part 439 – Pharmaceutical Manufacturing, Subpart D Mixing Compounding and Formulation Subcategory as a New Source (40 CFR 439.47). The Discus wastewater discharge permit was renewed on January 15, 2015. The renewed permit included updated references to IEUA's new Regional Wastewater

Ordinance which was adopted on October 15, 2014.

Inland Powder Coating
Permit No. ONT-250

Inland Powder Coating (Inland Powder) is an applicator of powder coatings, operating multiple metal preparation and powder coating production lines. In the powder coating operations, parts are conveyed through multiple stage power washers to clean parts prior to powder coating. Wastewater is generated from three washer systems (a conveyor system washer, batch system washer, and mini washer system).

Inland Powder's manufacturing process is categorized under 40 CFR 433 – Metal Finishing Point Source Category. The wastewater generated is subject to the Pretreatment Standards for New Sources (40 CFR 433.17). Inland Powder's wastewater discharge permit was reissued on January 7, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Nestlé Waters North America
Permit No. ONT-625

Nestlé Waters North America (Nestlé) processes and bottles spring water and beverage/juice. It has several production lines, depending on demand and season. Its regular products are mountain spring water, distilled water, carbonated and splash beverages.

Nestlé is categorized as a SIU as described in 40 CFR 403 due to wastewater discharges of 25,000 GPD or more. During the fiscal year, Nestlé's permit was reissued on November 25, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014. On June 18, 2015, Nestlé's permit was revised to approve the installation of additional water treatment process equipment.

Netshapes, Inc.
Permit No. ONT-2028

Netshapes, Inc. manufactures high precision aluminum, stainless steel, titanium and other alloys which are used in aircraft and other industries using investment casting techniques under strict quality control. Netshapes' manufacturing process generates wastewater which is subject to 40 CFR 464, Metal Molding and Casting Point Source Category.

During the fiscal year, Netshapes' permit was reissued on December 9, 2014 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

O.W. Lee
Permit No. ONT-2027

O.W. Lee is a manufacturer of metal furniture and related products. During the manufacturing process, mild steel & aluminum stock is cut, formed and welded to make outdoor furniture. After the components are assembled, they are processed through a five stage washer to clean & pre-treat before being powder coated.

O.W. Lee's cleaning process wastewater has been categorized under 40 CFR Part 433 – Metal Finishing Point Source Category. During the fiscal year, O.W. Lee's permit was reissued on November 24, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

PARCO, Inc.
Permit No. ONT-2032

PARCO, Inc. (PARCO) manufactures rubber sealing gaskets and O-rings using injection and compression molds.

PARCO's production process wastewater is mostly from the cleaning and cooling of rubber products. Large laundry washers are used to clean rubber products and the cleaning process produces a majority of the wastewater. The resulting wastewater from the cleaning process flows into sumps under the machines and discharged to the sewer.

Due to the amount of rubber produced and used at their site, 2,774 lbs/day, PARCO is subject to Subpart E, Small Sized General Molded, Extruded, and Fabricated Rubber Plants Subcategory. PARCO's federal limits are listed under 40 CFR 428.56. During the fiscal year, PARCO's permit was revised to include additional dilution wastestreams that were identified by IEUA inspection and permitting staff. PARCO's permit was also reissued on January 15, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Steris, Inc.
Permit No. ONT-012212

Steris, Inc. (Steris) is a microbial reduction facility which conducts contract sterilization of medical instruments and food industry packaging materials using the radioisotope Cobalt-60. The wastewater is generated from the water bath which contains the Cobalt-60 source. The water used in the water bath is re-

circulated in a closed-loop system which is continuously monitored for conductivity and radiation. Sprinkler testing and the water bath is batch discharged at the rate of approximately 100 gallons each discharge event.

Steris is subject to the radiological discharge standards from 10 CFR 20.2003 – Disposal by Release into Sanitary Sewerage. The discharge limits are from 10 CFR 20. Appendix B parts 20.1001-20.2402. During the fiscal year, Steris' permit was reissued on November 25, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Sun Badge Company
Permit No. ONT-010912

Sun Badge Company (Sun Badge) is a manufacturer and supplier of law enforcement badges, nameplates, and ancillary products for large metropolitan departments. Sun Badge uses brass and nickel sheets in custom dies and punch presses. Wastewater is generated from the rinsing of metal parts in a nitric acid and ultrasonic bath. The resulting wastewater is collected in a three stage fifty gallon clarification tank, where pH is automatically adjusted and monitored prior to discharge to the sewer.

Sun Badge's category has been classified under 40 CFR 433 – Metal Finishing Point Source Category. The process wastewater discharge is therefore subject to 40 CFR 433.17 – Pretreatment Standards for New Sources. During the fiscal year, Sun Badge's permit was reissued on November 25, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Table 29: City of Ontario - List of Significant Industrial Users and Applicable Standards

CURRENTLY PERMITTED	INDUSTRIAL USER NAME & ADDRESS	ADDITION / DELETION & REASON	APPLICABLE FEDERAL CATEGORY & STANDARD	LOCAL LIMITS MORE STRINGENT THAN FEDERAL
Yes	Coca-Cola North America 1650 S. Vintage Ave. Ontario, CA 91761		Significant Discharger, Part 403.3 (v)(ii)	N/A
Yes	Discus Dental 1700 S. Baker Ave. Ontario, CA 91761		Pharmaceutical Manufacturing, Part 439, Subpart D	None
Yes	Inland Powder Coating 1656 S. Bon View Ave. Ontario, CA 91761		Metal Finishing, Part 433.17, Subpart A	None
Yes	Nestle Waters of North America 5772 E. Jurupa St. Ontario CA, 91761		Significant Discharger, Part 403.3 (v)(ii)	N/A
Yes	Net Shapes, Inc. 1366 E. Francis St. Ontario, CA 91761		Metal Molding and Casting, Part 464, Subparts A,B,C	None
Yes	O. W. Lee 1822 E. Francis St. Ontario, CA 91761		Metal Finishing, Part 433.17, Subpart A	None
Yes	Parco 1801 S. Archibald Ontario, CA 91761		Rubber Manufacturing Part 428, Subpart F	None

Table 29: City of Ontario - List of Significant Industrial Users and Applicable Standards

CURRENTLY PERMITTED	INDUSTRIAL USER NAME & ADDRESS	ADDITION / DELETION & REASON	APPLICABLE FEDERAL CATEGORY & STANDARD	LOCAL LIMITS MORE STRINGENT THAN FEDERAL
Yes	Steris, Inc. 1000 S. Sarah Pl. Ontario, CA 91761		Significant Discharger, Part 403.3 (v)(ii)	N/A
Yes	Sun Badge Company 2248 S. Baker Ave. Ontario, CA 91761		Metal Finishing, Part 433.17, Subpart A	None

Table 30: City of Ontario - Significant Industrial User Compliance Status

INDUSTRIAL USER NAME & ADDRESS	INDUSTRIAL CATEGORY	TYPE OF PRETREATMENT PRESENT	NUMBER OF SAMPLES TAKEN		TTO (TOMP) CERTIFICATION	NUMBER OF INSPECTIONS CONDUCTED
			IU	AGENCY		
Coca-Cola North America 1650 S. Vintage Ave. Ontario, CA 91761	Significant Discharger, Part 403.3 (v)(ii)	Anaerobic treatment, aeration basins, pH adjustment	4	4	N/A	2
Discus Dental 1700 S. Baker Ave. Ontario, CA 91761	Pharmaceutical Manufacturing, Part 439, Subpart D	pH neutralization	2	2	No	2
Inland Powder Coating 1656 S. Bon View Ave. Ontario, CA 91761	Metal Finishing, Part 433.17, Subpart A	Clarification, pH neutralization	4	4	Yes	4
Nestle Waters 5772 E. Jurupa St. Ontario CA, 91761	Significant Discharger, Part 403.3 (v)(ii)	Clarification, filtration, pH neutralization	5	3	N/A	2
Net Shapes, Inc. 1366 E. Francis St. Ontario, CA 91761	Metal Molding and Casting, Part 464, Subparts A,B,C	Clarification, pH adjustment	17	2	No	4
O. W. Lee 1822 E. Francis St. Ontario, CA 91761	Metal Finishing, Part 433.17, Subpart A	Clarification, pH neutralization	4	4	Yes	3
Parco 1801 S. Archibald Ontario, CA 91761	Rubber Manufacturing Part 428, Subpart F	Clarification	2	2	N/A	3
Steris, Inc. 1000 S. Sarah Pl. Ontario, CA 91761	Significant Discharger, Part 403.3 (v)(ii)	None	0*	0*	N/A	1

Table 30: City of Ontario - Significant Industrial User Compliance Status

INDUSTRIAL USER NAME & ADDRESS	INDUSTRIAL CATEGORY	TYPE OF PRETREATMENT PRESENT	NUMBER OF SAMPLES TAKEN		TTO (TOMP) CERTIFICATION	NUMBER OF INSPECTIONS CONDUCTED
			IU	AGENCY		
Sun Badge Company 2248 S. Baker Ave. Ontario, CA 91761	Metal Finishing, Part 433.17, Subpart A	Filtration, clarification, ion exchange, pH adjustment	4	4	Yes	4

*No Discharge during Fiscal Year 2014/15

Table 31: City of Ontario - Significant Industrial User Violations and Applicable Enforcement Action

INDUSTRIAL USER NAME & ADDRESS	STANDARDS VIOLATED		SNC	SUMMARY OF ENFORCEMENT ACTIONS PROPOSED OR TAKEN	ENFORCEMENT ACTION DATE	FINES ASSESSED THIS YEAR
	Federal	Local				
Coca-Cola North America 1650 S. Vintage Ave. Ontario, CA 91761	None	None	No	None Required	N/A	None
Discus Dental 1700 S. Baker Ave. Ontario, CA 91761	None	None	No	None Required	N/A	None
Inland Powder Coating 1656 S. Bon View Ave. Ontario, CA 91761	None	None	No	Notice of Violation/Order for Corrective Action and Compliance Meeting for improper operation of pretreatment equipment.	1/15/15	None
	None	None	No	Notice of Violation/Order for Corrective Action and Order to Show Cause for improper operation of pretreatment equipment.	5/28/15	None
	Yes	No	Yes	Violation of federal monthly average discharge limit for Zinc in June 2015 and failure to notify within 24 hours of becoming aware of the violation.	Pending	None
Nestle Waters 5772 E. Jurupa St. Ontario CA, 91761	None	None	No	None Required	N/A	None
Net Shapes, Inc. 1366 E. Francis St. Ontario, CA 91761	Oil and Grease, Total	None	No	Notice of Violation and Order for Corrective Action for exceeding the monthly average federal discharge limit for Oil and Grease – Total in November 2014.	1/7/15	None
O. W. Lee 1822 E. Francis St. Ontario, CA 91761	Zinc	None	No	Notice of Violation and Order for Corrective Action for exceeding permitted monthly average federal discharge limit for Zinc in July 2014.	9/4/14	None

Table 31: City of Ontario - Significant Industrial User Violations and Applicable Enforcement Action

INDUSTRIAL USER NAME & ADDRESS	STANDARDS VIOLATED		SNC	SUMMARY OF ENFORCEMENT ACTIONS PROPOSED OR TAKEN	ENFORCEMENT ACTION DATE	FINES ASSESSED THIS YEAR
	Federal	Local				
Parco 1801 S. Archibald Ontario, CA 91761	None	None	No	None Required	N/A	None
Sun Badge Company 2248 S. Baker Ave. Ontario, CA 91761	None	None	No	None Required	N/A	None

Table 32: City of Ontario - Compliance Summary of Significant Industrial Users

Number of SIUs in SNC with pretreatment compliance schedules:	1
Number of Notices of Violations & Administrative Orders issued to SIUs:	4
Number of Civil & Criminal Judicial Actions filed against SIUs:	0
Number of SIUs published for SNC:	1
Number of SIUs where penalties were collected:	0

SIU Significant Industrial User
SNC Significant Noncompliance per 40 CFR 403.8

Table 33: City of Ontario - Zero Discharge Categorical Industries

Industrial User Name & Location	Addition or Deletion (reason)	Applicable Federal Category
Acuity Brands Lighting 1405 E. Locust Street Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Advanced Pattern & Molding 2010 E. Francis St Ontario, CA 91761	N/A	Metal Molding & Casting 40 CFR Part 464
Alumin-Art Plating 803 W. State St. Ontario, CA 91762	N/A	Metal Finishing 40 CFR Part 433 Subpart A
APMD Powder Coating 1151 E. Acacia Ct. Ontario, CA 91761	New Industry	Metal Finishing 40 CFR Part 433 Subpart A
Bioscrip Infusion Services 840 S. Rochester Ave., Unit A Ontario, CA 91761	N/A	Pharmaceuticals 40 CFR 439
Bishamon 5651 E. Francis St. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Broco 400 S Rockefeller Ontario, CA 91761	N/A	Non-Ferrous Metal Forming & Metal Powders 40 CFR Part 471
Calidad, Inc. 1730 Balboa Ave. Ontario, CA 91761	N/A	Metal Molding & Casting 40 CFR Part 464
California Die Casting 1820 S. Grove Ave Ontario ,CA 91761	N/A	Metal Molding & Casting 40 CFR Part 464
Carlisle Tire and Wheel 2233 E. Philadelphia St. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Consolidated Coil Converter 3919 Guasti Rd. Unit "E" Ontario, CA 91761	N/A	Coil Coating 40 CFR 465.30 Subpart C - Aluminum
Danco 1750 Monticello Ct. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A

Industrial User Name & Location	Addition or Deletion (reason)	Applicable Federal Category
Danco 1745 Monticello Ct. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Excel Industries 1601 Fremont Ct. Ontario, CA 91761	N/A	Metal Molding & Casting 40 CFR Part 464
Forbes Industries, Inc. 1933 E. Locust St. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Gary's Grinding & Hard Chrome 2124 S. Grove Ave. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Greenline Laboratories 1851 S. Taylor Pl Ontario CA 91761	N/A	Plastics Molding and Forming 40 CFR 463
Henry Company-Resin Technology 2270 Castle Harbor Pl Ontario, CA 91761	N/A	Organic Chemicals, Plastics, & Synthetic Fibers 40 CFR 414 Subpart D
Korden, Inc. 611 Palmetto Ontario, CA 91762	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Leggett & Platt 1050 S. DuPont Ontario, CA 91761	N/A	Soap and Detergent Manufacturing 40 CFR 417
Mag Instruments, Inc. 1720 E. Elm St. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Mainland Products 2161 Maple Privado St. Ontario, CA 91761	N/A	Metal Molding & Casting 40 CFR 464
Maury Microwave Corporation 2900 E. Inland Empire Blvd. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Myer's Power Products 1425 S. Bon View Ave. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A

Industrial User Name & Location	Addition or Deletion (reason)	Applicable Federal Category
Ontario Extrusions 4451 E. Airport Rd. Ontario, CA 91761	N/A	Aluminum Forming 40 CFR 467
Pacific Urethanes 1671 S. Champagne Ave., Unit A Ontario, CA 91761	N/A	Plastic Molding & Forming 40 CFR Part 463
Performance Aluminum, dba Beals Castings Inc. 520 S. Palmetto Ave. Ontario, CA 91762	N/A	Metal Molding & Casting 40 CFR Part 464
Powers Manufacturing 2101 S Hellman Ave. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
PM West/Fine Gold 1610 Fremont Ct. Ontario, CA 91761	N/A	Nonferrous Metals 40 CFR Part 421
Quality Control Plating 4425 E. Airport Rd. Ontario, CA 91761	N/A	Metal Finishing 40 CFR Part 433 Subpart A
Qycell Corp. 600 S. Etiwanda Ave. Ontario, CA 91761	N/A	Plastic Molding & Forming 40 CFR Part 463
reRubber, LLC 315 S. Sultana Ontario, CA 91762	N/A	Rubber Manufacturing 40 CFR Part 428
Sky Systems 1825 S. Taylor Place Ontario, CA 91761	N/A	Soap & Detergent Mfg. 40 CFR Part 417
VIP Rubber Company, Inc. 1704 S. Vineyard Ave Ontario, CA 91761	New Industry	Plastics Molding and Forming 40 CFR 463
Y&D Rubber 1451 S. Carlos Ontario, CA 91761	N/A	Rubber Manufacturing 40 CFR Part 428

2014/2015 INDUSTRY MONITORING DATA

City of Ontario



Inland Empire Utilities Agency Pretreatment & Source Control Program Laboratory Analysis Summary

Sample Date: Jul 1 2014 - Jun 30 2015

Permittee: **Coca-Cola Refreshments USA, Inc. - Monitoring Point 001**

Permit No: **ONT-605**

7/1/2014

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>In NC</u>	<u>Permit Limits</u>	
								<u>Daily</u>	<u>Monthly</u>
7/9/2014	ESB B4G1032-01,	INDUSTRY	C	BOD5	2400	mg/L			
9/30/2014	1409392	IEUA	C	BOD5	960	mg/L			
10/22/2014	ESB B4J2373-01,0	INDUSTRY	C	BOD5	1300	mg/L			
10/23/2014	1410304	IEUA	C	BOD5	1935	mg/L			
1/14/2015	ESB B5A1348-01,	INDUSTRY	C	BOD5	2700	mg/L			
3/26/2015	1503337	IEUA	C	BOD5	3520	mg/L			
4/15/2015	ESB B5D1559-01,	INDUSTRY	C	BOD5	2400	mg/L			
4/23/2015	1504293	IEUA	C	BOD5	2450	mg/L			
9/30/2014	1409392	IEUA	Field	DS	4.2	mg/L			
10/23/2014	1410304	IEUA	Field	DS	0.6	mg/L			
3/26/2015	1503337	IEUA	Field	DS	<0.1	mg/L			
4/23/2015	1504293	IEUA	Field	DS	<0.1	mg/L			
7/9/2014	ESB B4G1032-01,	INDUSTRY	Metered	Flow-T	167548	gpd			200000
10/22/2014	ESB B4J2373-01,0	INDUSTRY	Metered	Flow-T	169968	gpd			200000
1/14/2015	ESB B5A1348-01,	INDUSTRY	Metered	Flow-T	152848	gpd			200000
4/15/2015	ESB B5D1559-01,	INDUSTRY	Metered	Flow-T	172382	gpd			200000
7/9/2014	ESB B4G1032-01,	INDUSTRY	Field	pH	5.36	pH Units			5-12.5
9/30/2014	1409392	IEUA	Field	pH	6.2	pH Units			5-12.5
10/22/2014	ESB B4J2373-01,0	INDUSTRY	Field	pH	5.43	pH Units			5-12.5
10/23/2014	1410304	IEUA	Field	pH	5.31	pH Units			5-12.5
1/14/2015	ESB B5A1348-01,	INDUSTRY	Field	pH	5.59	pH Units			5-12.5
3/26/2015	1503337	IEUA	Field	pH	5.20	pH Units			5-12.5
4/15/2015	ESB B5D1559-01,	INDUSTRY	Field	pH	5.43	pH Units			5-12.5
4/23/2015	1504293	IEUA	Field	pH	5.60	pH Units			5-12.5

Key to Result Flags

D = Daily Limit L = Local Limit M = Monthly Limit T = Exceeds TRC Limit *** = Exceeds TRC 33%
 +++ = Exceeds TRC Chronic 66% C= Improper Collection Method H = Holding Time Exceeded
 NC = Numerical Violation NC Sample = Sample Taken in Response to Enforcement Action
 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>In NC</u>	<u>Permit Limits</u>	
								<u>Daily</u>	<u>Monthly</u>
7/9/2014	ESB B4G1032-01,	INDUSTRY	C	TDS, Fixed	540	mg/L		800	
9/30/2014	1409392	IEUA	C	TDS, Fixed	337.5	mg/L		800	
10/22/2014	ESB B4J2373-01,0	INDUSTRY	C	TDS, Fixed	260	mg/L		800	
10/23/2014	1410304	IEUA	C	TDS, Fixed	461	mg/L		800	
3/11/2015	ESB B5C1333-01	INDUSTRY	C	TDS, Fixed	800	mg/L		800	
3/26/2015	1503337	IEUA	C	TDS, Fixed	784	mg/L		800	
4/15/2015	ESB B5D1559-01,	INDUSTRY	C	TDS, Fixed	470	mg/L		800	
4/23/2015	1504293	IEUA	C	TDS, Fixed	612	mg/L		800	
7/9/2014	ESB B4G1032-01,	INDUSTRY	Field	Temp	31.5	°C		60	
9/30/2014	1409392	IEUA	Field	Temp	28.4	°C		60	
10/22/2014	ESB B4J2373-01,0	INDUSTRY	Field	Temp	29.4	°C		60	
10/23/2014	1410304	IEUA	Field	Temp	33.3	°C		60	
1/14/2015	ESB B5A1348-01,	INDUSTRY	Field	Temp	18.6	°C		60	
3/26/2015	1503337	IEUA	Field	Temp	28.6	°C		60	
4/15/2015	ESB B5D1559-01,	INDUSTRY	Field	Temp	27.5	°C		60	
4/23/2015	1504293	IEUA	Field	Temp	27.2	°C		60	
7/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	4568239	Gallons		6000000	
8/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	4598092	Gallons		6000000	
9/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	5847950	Gallons		6000000	
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	4982472	Gallons		6000000	
11/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	3975437	Gallons		6000000	
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	4771833	Gallons		6000000	
1/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	4427134	Gallons		6000000	
2/28/2015		IU Flow Rpt	Metered	Total Gallons per Month	4227404	Gallons		6000000	
3/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	4920128	Gallons		6000000	
4/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	5130888	Gallons		6000000	
5/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	4521812	Gallons		6000000	
6/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	4937384	Gallons		6000000	

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							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
9/30/2014	1409392	IEUA	Field	TS	5.4	mg/L		
10/23/2014	1410304	IEUA	Field	TS	2.2	mg/L		
3/26/2015	1503337	IEUA	Field	TS	0.5	mg/L		
4/23/2015	1504293	IEUA	Field	TS	0.5	mg/L		
7/9/2014	ESB B4G1032-01,	INDUSTRY	C	TSS	400	mg/L		
9/30/2014	1409392	IEUA	C	TSS	160.5	mg/L		
10/22/2014	ESB B4J2373-01,0	INDUSTRY	C	TSS	150	mg/L		
10/23/2014	1410304	IEUA	C	TSS	164	mg/L		
1/14/2015	ESB B5A1348-01,	INDUSTRY	C	TSS	390	mg/L		
3/26/2015	1503337	IEUA	C	TSS	469.5	mg/L		
4/15/2015	ESB B5D1559-01,	INDUSTRY	C	TSS	240	mg/L		
4/23/2015	1504293	IEUA	C	TSS	394.5	mg/L		

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07/27/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
8/21/2014	1408275	IEUA	G	Acetone	186	µg/L		20700	8200
9/16/2014	ESB B4I1692-01,0	INDUSTRY	G	Acetone	180	µg/L		20700	8200
2/24/2015	1502313	IEUA	G	Acetone	463	µg/L		20200	8000
5/5/2015	ESB B5E0376-01	INDUSTRY	G	Acetone	94	µg/L		20200	8000
8/21/2014	1408275	IEUA	C	BOD5	468	mg/L			
9/16/2014	ESB B4I1692-01,0	INDUSTRY	C	BOD5	1300	mg/L			
2/24/2015	1502313	IEUA	C	BOD5	1180	mg/L			
3/10/2015	ESB B5C1048-01	INDUSTRY	C	BOD5	380	mg/L			
8/21/2014	1408275	IEUA	Field	DS	<0.1	mg/L			
2/24/2015	1502313	IEUA	Field	DS	<0.1	mg/L			
8/21/2014	Discuss Dental Met	IEUA	G	ethyl acetate	<50	µg/L		27000	8200
9/16/2014	ESB B4I1692-01,0	INDUSTRY	G	ethyl acetate	8	µg/L		27000	8200
2/24/2015	LL 522051	IEUA	G	ethyl acetate	<50	µg/L		20200	8000
5/5/2015	ESB B5E0376-01	INDUSTRY	G	ethyl acetate	<2	µg/L		20200	8000
8/21/2014	Discuss Dental Met	IEUA	G	isopropyl acetate	<50	µg/L		20700	8200
9/16/2014	ESB B4I1692-01,0	INDUSTRY	G	isopropyl acetate	<1	µg/L		20700	8200
2/24/2015	LL 522051	IEUA	G	isopropyl acetate	<50	µg/L		20200	8000
5/5/2015	ESB B5E0376-01	INDUSTRY	G	isopropyl acetate	<1	µg/L		20200	8000
8/28/2014	Discuss Dental Met	IEUA	G	m & p-Xylene	<50	µg/L			
2/24/2015	LL 522051	IEUA	G	m & p-Xylene	<50	µg/L			
8/21/2014	1408275	IEUA	G	Methylene chloride	< 0.5	µg/L		3000	700
9/16/2014	ESB B4I1692-01,0	INDUSTRY	G	Methylene chloride	<10	µg/L		3000	700
2/24/2015	1502313	IEUA	G	Methylene chloride	< 0.5	µg/L		2900	700
5/5/2015	ESB B5E0376-01	INDUSTRY	G	Methylene chloride	<10	µg/L		2900	700
8/21/2014	Discuss Dental Met	IEUA	G	n-amyl acetate	<25.0	µg/L		20700	8200
9/16/2014	ESB B4I1692-01,0	INDUSTRY	G	n-amyl acetate	<1	µg/L		20700	8200
2/24/2015	LL 522051	IEUA	G	n-amyl acetate	<25	µg/L		20200	8000
5/5/2015	ESB B5E0376-01	INDUSTRY	G	n-amyl acetate	<1	µg/L		20200	8000

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							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
8/28/2014	Discuss Dental Met	IEUA	G	o-Xylene	<25	µg/L		
2/24/2015	LL 522051	IEUA	G	o-Xylene	<25	µg/L		
8/21/2014	1408275	IEUA	Field	pH	7.29	pH Units		5.0 - 12.5
9/16/2014	ESB B4I1692-01,0	INDUSTRY	Field	pH	6.56	pH Units		5.0 - 12.5
2/24/2015	1502313	IEUA	Field	pH	5.9	pH Units		5.0 - 12.5
3/10/2015	ESB B5C1048-01	INDUSTRY	Field	pH	6.56	pH Units		5.0 - 12.5
8/21/2014	1408275	IEUA	C	TDS	248	mg/L		800
9/16/2014	ESB B4I1692-01,0	INDUSTRY	C	TDS	200	mg/L		800
2/24/2015	1502313	IEUA	C	TDS	348	mg/L		800
3/10/2015	ESB B5C1048-01	INDUSTRY	C	TDS	380	mg/L		800
8/21/2014	1408275	IEUA	Field	Temp	25.7	°C		60
9/16/2014	ESB B4I1692-01,0	INDUSTRY	Field	Temp	25.3	°C		60
2/24/2015	1502313	IEUA	Field	Temp	22.4	°C		60
3/10/2015	ESB B5C1048-01	INDUSTRY	Field	Temp	22.4	°C		60
8/21/2014	1408275	IEUA	Field	TS	<0.1	mg/L		
2/24/2015	1502313	IEUA	Field	TS	<0.1	mg/L		
8/21/2014	1408275	IEUA	C	TSS	52	mg/L		
9/16/2014	ESB B4I1692-01,0	INDUSTRY	C	TSS	110	mg/L		
2/24/2015	1502313	IEUA	C	TSS	225	mg/L		
3/10/2015	ESB B5C1048-01	INDUSTRY	C	TSS	10	mg/L		

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							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,1,1-Trichloroethane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,1,1-Trichloroethane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,1,2,2-Tetrachloroethane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,1,2,2-Tetrachloroethane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,1,2-Trichloroethane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,1,2-Trichloroethane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,12-Benzoperylene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,12-Benzoperylene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,1-Dichloroethane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,1-Dichloroethane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,1-Dichloroethylene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,1-Dichloroethylene	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,2,4-Trichlorobenzene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,2,4-Trichlorobenzene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,2,5,6-Dibenzanthracene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,2,5,6-Dibenzanthracene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,2-Dichlorobenzene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,2-Dichlorobenzene	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,2-Dichloroethane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,2-Dichloroethane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,2-Dichloropropane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,2-Dichloropropane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,2-diphenylhydrazine	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,2-diphenylhydrazine	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,2-Trans-dichloroethylene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,2-Trans-dichloroethylene	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,3-Dichlorobenzene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,3-Dichlorobenzene	<5.0	µg/L		

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							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,3-Dichloropropylene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,3-Dichloropropylene	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	1,4-Dichlorobenzene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	1,4-Dichlorobenzene	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	11,12-Benzofluoranthene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	11,12-Benzofluoranthene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2,3,7,8-Tetrachlorodibenzo-p-dioxin	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.0000012	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2,4,6-Trichlorophenol	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2,4,6-Trichlorophenol	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2,4-Dichlorophenol	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2,4-Dichlorophenol	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2,4-Dimethylphenol	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2,4-Dimethylphenol	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2,4-Dinitrophenol	<50	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2,4-Dinitrophenol	<50	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2,4-Dinitrotoluene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2,4-Dinitrotoluene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2,6-Dinitrotoluene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2,6-Dinitrotoluene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2-Chloroethyl vinyl ether	<50	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2-Chloroethyl vinyl ether	<50	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2-Chloronaphthalene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2-Chloronaphthalene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2-Chlorophenol	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2-Chlorophenol	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	2-Nitrophenol	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	2-Nitrophenol	<10	µg/L		

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							In NC	Daily
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	3,3-Dichlorobenzidine	<20	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	3,3-Dichlorobenzidine	<20	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	3,4-Benzofluoranthene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	3,4-Benzofluoranthene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	4,4-DDD	<0.11	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	4,4-DDD	<0.11	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	4,4-DDE	<0.040	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	4,4-DDE	<0.040	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	4,4-DDT	<0.12	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	4,4-DDT	<0.12	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	4,6-Dinitro-o-cresol	<50	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	4,6-Dinitro-o-cresol	<50	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	4-Bromophenyl phenyl ether	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	4-Bromophenyl phenyl ether	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	4-Chlorophenyl phenyl ether	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	4-Chlorophenyl phenyl ether	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	4-Nitrophenol	<50	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	4-Nitrophenol	<50	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Acenaphthene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Acenaphthene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Acenaphthylene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Acenaphthylene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Acrolein	<100	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Acrolein	<100	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Acrylonitrile	<100	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Acrylonitrile	<100	µg/L		
7/29/2014	1407371	IEUA	C	Ag	< 0.01	mg/L		0.43 0.24
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	Ag	<0.010	mg/L		0.43 0.24

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10/31/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
10/30/2014	1410381	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
3/12/2015	1503153	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
4/21/2015	1504264	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Aldrin	<0.040	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Aldrin	<0.040	µg/L			
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Alpha-BHC	<0.030	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Alpha-BHC	<0.030	µg/L			
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Alpha-endosulfan	<10	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Alpha-endosulfan	<10	µg/L			
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Anthracene	<10	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Anthracene	<10	µg/L			
7/29/2014	1407371	IEUA	C	As	< 0.01	mg/L			
10/30/2014	1410381	IEUA	C	As	< 0.01	mg/L			
3/12/2015	1503153	IEUA	C	As	< 0.01	mg/L			
4/21/2015	1504264	IEUA	C	As	< 0.01	mg/L			
7/29/2014	1407371	IEUA	C	Ba	0.11	mg/L			
10/30/2014	1410381	IEUA	C	Ba	0.10	mg/L			
3/12/2015	1503153	IEUA	C	Ba	0.16	mg/L			
4/21/2015	1504264	IEUA	C	Ba	0.10	mg/L			
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Benzene	<5.0	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Benzene	<5.0	µg/L			
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Benzidine	<50	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Benzidine	<50	µg/L			
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Benzo(a)anthracene	<10	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Benzo(a)anthracene	<10	µg/L			

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							In NC	Daily Monthly
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Benzo(a)pyrene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Benzo(a)pyrene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Beta-BHC	<0.060	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Beta-BHC	<0.060	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Beta-endosulfan	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Beta-endosulfan	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Bis(2-chloroethoxy)methane	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Bis(2-chloroethoxy)methane	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Bis(2-chloroethyl)ether	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Bis(2-chloroethyl)ether	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Bis(2-chloroisopropyl)ether	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Bis(2-chloroisopropyl)ether	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Bis(2-ethylhexyl)phthalate	<3.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Bis(2-ethylhexyl)phthalate	<3.0	µg/L		
7/29/2014	1407371	IEUA	C	BOD5	16	mg/L		
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	BOD5	49	mg/L		
10/30/2014	1410381	IEUA	C	BOD5	17	mg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	BOD5	45	mg/L		
3/12/2015	1503153	IEUA	C	BOD5	70	mg/L		
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	BOD5	32	mg/L		
4/21/2015	1504264	IEUA	C	BOD5	29	mg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	BOD5	78	mg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Bromoform	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Bromoform	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Butyl benzyl phthalate	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Butyl benzyl phthalate	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Carbon tetrachloride	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Carbon tetrachloride	<5.0	µg/L		

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07/12/2014

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							In NC	Daily
7/29/2014	1407371	IEUA	C	Cd	< 0.01	mg/L	0.11	0.07
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	Cd	<0.0020	mg/L	0.11	0.07
10/30/2014	1410381	IEUA	C	Cd	< 0.01	mg/L	0.11	0.07
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	Cd	<0.0020	mg/L	0.11	0.07
3/12/2015	1503153	IEUA	C	Cd	< 0.01	mg/L	0.11	0.07
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	Cd	<0.0020	mg/L	0.11	0.07
4/21/2015	1504264	IEUA	C	Cd	< 0.01	mg/L	0.11	0.07
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	Cd	<0.0020	mg/L	0.11	0.07
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Chlordane	<0.10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Chlordane	<0.10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Chlorobenzene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Chlorobenzene	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Chlorodibromomethane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Chlorodibromomethane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Chloroethane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Chloroethane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Chloroform	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Chloroform	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Chloromethane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Chloromethane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Chrysene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Chrysene	<10	µg/L		
9/17/2014	ESB B4I1836-01,0	INDUSTRY	G	CN	<0.005	mg/L	1.2	0.65
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	CN	<0.005	mg/L	1.2	0.65
3/18/2015	ESB B5C1952-01,	INDUSTRY	G	CN	<0.005	mg/L	1.2	0.65
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	CN	<0.005	mg/L	1.2	0.65
7/29/2014	1407371	IEUA	G	CN, Total	0.005	mg/L		
10/30/2014	1410381	IEUA	G	CN, Total	< 0.005	mg/L		

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							In NC	Daily
3/12/2015	1503153	IEUA	G	CN, Total	< 0.020	mg/L		
4/21/2015	1504264	IEUA	G	CN, Total	< 0.02	mg/L		
7/29/2014	1407371	IEUA	C	Co	< 0.01	mg/L		
10/30/2014	1410381	IEUA	C	Co	< 0.01	mg/L		
3/12/2015	1503153	IEUA	C	Co	< 0.01	mg/L		
4/21/2015	1504264	IEUA	C	Co	< 0.01	mg/L		
7/29/2014	1407371	IEUA	C	Cr	< 0.01	mg/L	2.77	1.71
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	Cr	<0.020	mg/L	2.77	1.71
10/30/2014	1410381	IEUA	C	Cr	< 0.01	mg/L	2.77	1.71
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	Cr	<0.020	mg/L	2.77	1.71
3/12/2015	1503153	IEUA	C	Cr	< 0.01	mg/L	2.77	1.71
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	Cr	<0.020	mg/L	2.77	1.71
4/21/2015	1504264	IEUA	C	Cr	< 0.01	mg/L	2.77	1.71
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	Cr	<0.020	mg/L	2.77	1.71
7/29/2014	1407371	IEUA	C	Cu	< 0.02	mg/L	3.37	2.07
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	Cu	<0.010	mg/L	3.37	2.07
10/30/2014	1410381	IEUA	C	Cu	< 0.02	mg/L	3.37	2.07
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	Cu	<0.010	mg/L	3.37	2.07
3/12/2015	1503153	IEUA	C	Cu	< 0.02	mg/L	3.37	2.07
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	Cu	<0.010	mg/L	3.37	2.07
4/21/2015	1504264	IEUA	C	Cu	< 0.02	mg/L	3.37	2.07
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	Cu	<0.010	mg/L	3.37	2.07
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Delta-BHC	<0.090	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Delta-BHC	<0.090	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Dichlorobromomethane	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Dichlorobromomethane	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Dieldrin	<0.020	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Dieldrin	<0.020	µg/L		

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							In NC	Daily Monthly
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Diethyl phthalate	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Diethyl phthalate	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Dimethyl phthalate	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Dimethyl phthalate	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Di-n-butyl phthalate	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Di-n-butyl phthalate	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Di-n-octyl phthalate	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Di-n-octyl phthalate	<10	µg/L		
7/29/2014	1407371	IEUA	Field	DS	<0.1	mg/L		
10/30/2014	1410381	IEUA	Field	DS	<0.1	mg/L		
3/12/2015	1503153	IEUA	Field	DS	<0.1	mg/L		
4/21/2015	1504264	IEUA	Field	DS	<0.1	mg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Endosulfan Sulfate	<0.66	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Endosulfan Sulfate	<0.66	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Endrin	<0.060	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Endrin	<0.060	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Endrin aldehyde	<0.23	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Endrin aldehyde	<0.23	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Ethylbenzene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Ethylbenzene	<5.0	µg/L		
7/29/2014	1407371	IEUA	C	Fe	0.18	mg/L		
10/30/2014	1410381	IEUA	C	Fe	0.24	mg/L		
3/12/2015	1503153	IEUA	C	Fe	0.74	mg/L		
4/21/2015	1504264	IEUA	C	Fe	0.33	mg/L		
9/17/2014	ESB B4I1836-01,0	INDUSTRY	Metered	Flow-T	2288	gpd		14000
3/18/2015	ESB B5C1952-01,	INDUSTRY	Metered	Flow-T	8434	gpd		14000
6/17/2015	ESB B5F1888-01,0	INDUSTRY	Metered	Flow-T	2193	gpd		14000
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Fluoranthene	<10	µg/L		

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<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Fluoranthene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Fluorene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Fluorene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Gamma-BHC	<0.040	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Gamma-BHC	<0.040	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Heptachlor	<0.010	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Heptachlor	<0.010	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Heptachlor epoxide	<0.010	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Heptachlor epoxide	<0.010	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Hexachlorobenzene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Hexachlorobenzene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Hexachlorobutadiene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Hexachlorobutadiene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Hexachlorocyclopentadiene	<50	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Hexachlorocyclopentadiene	<50	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Hexachloroethane	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Hexachloroethane	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Indeno(1,2,3-cd)pyrene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Indeno(1,2,3-cd)pyrene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Isophorone	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Isophorone	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Methyl bromide	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Methyl bromide	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Methylene chloride	<30	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Methylene chloride	<30	µg/L		
7/29/2014	1407371	IEUA	C	Mn	< 0.02	mg/L		
10/30/2014	1410381	IEUA	C	Mn	< 0.02	mg/L		
3/12/2015	1503153	IEUA	C	Mn	0.04	mg/L		

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01/12/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily
4/21/2015	1504264	IEUA	C	Mn	< 0.02	mg/L		
		IEUA	C	Mo	< 0.01	mg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Naphthalene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Naphthalene	<10	µg/L		
7/29/2014	1407371	IEUA	C	Ni	< 0.01	mg/L	3.97	2.38
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	Ni	<0.020	mg/L	3.97	2.38
10/30/2014	1410381	IEUA	C	Ni	< 0.01	mg/L	3.97	2.38
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	Ni	<0.020	mg/L	3.97	2.38
3/12/2015	1503153	IEUA	C	Ni	0.01	mg/L	3.97	2.38
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	Ni	<0.020	mg/L	3.97	2.38
4/21/2015	1504264	IEUA	C	Ni	< 0.01	mg/L	3.97	2.38
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	Ni	<0.020	mg/L	3.97	2.38
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Nitrobenzene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Nitrobenzene	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	N-Nitrosodimethylamine	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	N-Nitrosodimethylamine	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	N-Nitroso-di-n-propylamine	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	N-Nitroso-di-n-propylamine	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	N-Nitrosodiphenylamine	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	N-Nitrosodiphenylamine	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Parachlorometa cresol	<20	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Parachlorometa cresol	<20	µg/L		
7/29/2014	1407371	IEUA	C	Pb	< 0.02	mg/L	0.69	0.43
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	Pb	<0.010	mg/L	0.69	0.43
10/30/2014	1410381	IEUA	C	Pb	< 0.02	mg/L	0.69	0.43
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	Pb	<0.010	mg/L	0.69	0.43
3/12/2015	1503153	IEUA	C	Pb	< 0.02	mg/L	0.69	0.43
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	Pb	<0.010	mg/L	0.69	0.43

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07/20/15

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily Monthly
4/21/2015	1504264	IEUA	C	Pb	< 0.02	mg/L	0.69	0.43
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	Pb	<0.010	mg/L	0.69	0.43
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	PCB-1016	<1.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	PCB-1016	<1.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	PCB-1221	<1.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	PCB-1221	<1.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	PCB-1232	<1.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	PCB-1232	<1.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	PCB-1242	<1.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	PCB-1242	<1.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	PCB-1248	<1.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	PCB-1248	<1.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	PCB-1254	<1.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	PCB-1254	<1.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	PCB-1260	<1.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	PCB-1260	<1.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Pentachlorophenol	<50	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Pentachlorophenol	<50	µg/L		
7/29/2014	1407371	IEUA	Field	pH	6.85	pH Units	5.0-12.5	
9/17/2014	ESB B4I1836-01,0	INDUSTRY	Field	pH	6.21	pH Units	5.0-12.5	
10/30/2014	1410381	IEUA	Field	pH	6.90	pH Units	5.0-12.5	
12/16/2014	ESB B4L1983-01,0	INDUSTRY	Field	pH	7.11	pH Units	5.0-12.5	
3/12/2015	1503153	IEUA	Field	pH	6.50	pH Units	5.0-12.5	
3/18/2015	ESB B5C1952-01,	INDUSTRY	Field	pH	6.78	pH Units	5.0-12.5	
4/21/2015	1504264	IEUA	Field	pH	7.30	pH Units	5.0-12.5	
6/17/2015	ESB B5F1888-01,0	INDUSTRY	Field	pH	6.36	pH Units	5.0-12.5	
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Phenanthrene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Phenanthrene	<10	µg/L		

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							In NC	Daily Monthly
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Phenol	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Phenol	<10	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Pyrene	<10	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Pyrene	<10	µg/L		
7/29/2014	1407371	IEUA	C	Se	< 0.02	mg/L		
10/30/2014	1410381	IEUA	C	Se	< 0.02	mg/L		
3/12/2015	1503153	IEUA	C	Se	< 0.02	mg/L		
4/21/2015	1504264	IEUA	C	Se	< 0.02	mg/L		
7/29/2014	1407371	IEUA	C	TDS	232	mg/L		800
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	TDS	180	mg/L		800
10/30/2014	1410381	IEUA	C	TDS	276	mg/L		800
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	TDS	310	mg/L		800
3/12/2015	1503153	IEUA	C	TDS	636	mg/L		800
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	TDS	300	mg/L		800
4/21/2015	1504264	IEUA	C	TDS	344	mg/L		800
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	TDS	630	mg/L		800
7/29/2014	1407371	IEUA	Field	Temp	28.7	°C		60
9/17/2014	ESB B4I1836-01,0	INDUSTRY	Field	Temp	32.2	°C		60
10/30/2014	1410381	IEUA	Field	Temp	19.9	°C		60
12/16/2014	ESB B4L1983-01,0	INDUSTRY	Field	Temp	17.2	°C		60
3/12/2015	1503153	IEUA	Field	Temp	24.8	°C		60
3/18/2015	ESB B5C1952-01,	INDUSTRY	Field	Temp	27.2	°C		60
4/21/2015	1504264	IEUA	Field	Temp	22.3	°C		60
6/17/2015	ESB B5F1888-01,0	INDUSTRY	Field	Temp	28.9	°C		60
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Tetrachloroethylene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Tetrachloroethylene	<5.0	µg/L		
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Toluene	<5.0	µg/L		
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Toluene	<5.0	µg/L		

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12/16/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Toxaphene	<1.0	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Toxaphene	<1.0	µg/L			
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Trichloroethylene	<5.0	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Trichloroethylene	<5.0	µg/L			
7/29/2014	1407371	IEUA	Field	TS	<0.1	mg/L			
10/30/2014	1410381	IEUA	Field	TS	<0.1	mg/L			
3/12/2015	1503153	IEUA	Field	TS	<0.1	mg/L			
4/21/2015	1504264	IEUA	Field	TS	<0.1	mg/L			
7/29/2014	1407371	IEUA	C	TSS	6	mg/L			
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	TSS	10	mg/L			
10/30/2014	1410381	IEUA	C	TSS	8	mg/L			
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	TSS	32	mg/L			
3/12/2015	1503153	IEUA	C	TSS	12	mg/L			
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	TSS	15	mg/L			
4/21/2015	1504264	IEUA	C	TSS	8	mg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	TSS	16	mg/L			
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	TTO	0.400	mg/L		2.13	
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	TTO	<0.620	mg/L		2.13	
12/16/2014	ESB B4L1983-01,0	INDUSTRY	G	Vinyl chloride	<5.0	µg/L			
6/17/2015	ESB B5F1888-01,0	INDUSTRY	G	Vinyl chloride	<5.0	µg/L			
7/29/2014	1407371	IEUA	C	Zn	0.1	mg/L		2.61	1.48
9/17/2014	ESB B4I1836-01,0	INDUSTRY	C	Zn	0.13	mg/L		2.61	1.48
10/30/2014	1410381	IEUA	C	Zn	0.06	mg/L		2.61	1.48
12/16/2014	ESB B4L1983-01,0	INDUSTRY	C	Zn	0.14	mg/L		2.61	1.48
3/12/2015	1503153	IEUA	C	Zn	0.72	mg/L		2.61	1.48
3/18/2015	ESB B5C1952-01,	INDUSTRY	C	Zn	0.59	mg/L		2.61	1.48
4/21/2015	1504264	IEUA	C	Zn	0.53	mg/L		2.61	1.48
6/17/2015	ESB B5F1888-01,0	INDUSTRY	C	Zn	2.1	mg/L		2.61	1.48

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Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
7/24/2014	ESB B4G2689	INDUSTRY	C	BOD5	27	mg/L			
8/12/2014	ESB B4H1155-01,	INDUSTRY	C	BOD5	17	mg/L			
8/14/2014	1408168	IEUA	C	BOD5	11	mg/L			
10/23/2014	1410304	IEUA	C	BOD5	24	mg/L			
12/11/2014	ESB B4L1433-01,0	INDUSTRY	C	BOD5	<20	mg/L			
3/17/2015	ESB B5C1718-01,	INDUSTRY	C	BOD5	<20	mg/L			
4/22/2015	ESB B5D2274-01,	INDUSTRY	C	BOD5	15	mg/L			
4/23/2015	1504293	IEUA	C	BOD5	12	mg/L			
8/14/2014	1408168	IEUA	Field	DS	<0.1	mg/L			
10/23/2014	1410304	IEUA	Field	DS	<0.1	mg/L			
4/23/2015	1504293	IEUA	Field	DS	<0.1	mg/L			
7/24/2014	ESB B4G2689	INDUSTRY	G	Oil and Grease, Total	<5.1	mg/L			100
8/12/2014	ESB B4H1155-01,	INDUSTRY	G	Oil and Grease, Total	<5.0	mg/L			100
8/14/2014	1408168	IEUA	G	Oil and Grease, Total	5	mg/L			100
10/23/2014	1410304	IEUA	G	Oil and Grease, Total	< 3	mg/L			100
12/11/2014	ESB B4L1433-01,0	INDUSTRY	G	Oil and Grease, Total	<4.9	mg/L			100
3/17/2015	ESB B5C1718-01,	INDUSTRY	G	Oil and Grease, Total	<4.9	mg/L			100
3/19/2015	1503247	IEUA	G	Oil and Grease, Total	< 6	mg/L			100
4/22/2015	ESB B5D2274-01,	INDUSTRY	G	Oil and Grease, Total	<4.8	mg/L			100
4/23/2015	1504293	IEUA	G	Oil and Grease, Total	< 6	mg/L			100
7/24/2014	ESB B4G2689	INDUSTRY	Field	pH	6.40	pH Units			5-12.5
8/12/2014	ESB B4H1155-01,	INDUSTRY	Field	pH	6.54	pH Units			5-12.5
8/14/2014	1408168	IEUA	Field	pH	8.68	pH Units			5-12.5
10/23/2014	1410304	IEUA	Field	pH	6.25	pH Units			5-12.5
12/11/2014	ESB B4L1433-01,0	INDUSTRY	Field	pH	8.44	pH Units			5-12.5
3/17/2015	ESB B5C1718-01,	INDUSTRY	Field	pH	6.48	pH Units			5-12.5
4/22/2015	ESB B5D2274-01,	INDUSTRY	Field	pH	6.53	pH Units			5-12.5
4/23/2015	1504293	IEUA	Field	pH	8.20	pH Units			5-12.5

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1/21/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
7/24/2014	ESB B4G2689	INDUSTRY	C	TDS, Fixed	270	mg/L		800	
10/23/2014	1410304	IEUA	C	TDS, Fixed	768	mg/L		800	
12/11/2014	ESB B4L1433-01,0	INDUSTRY	C	TDS, Fixed	320	mg/L		800	
3/17/2015	ESB B5C1718-01,	INDUSTRY	C	TDS, Fixed	260	mg/L		800	
4/22/2015	ESB B5D2274-01,	INDUSTRY	C	TDS, Fixed	160	mg/L		800	
4/23/2015	1504293	IEUA	C	TDS, Fixed	220	mg/L		800	
7/24/2014	ESB B4G2689	INDUSTRY	Field	Temp	31.7	°C		60	
8/12/2014	ESB B4H1155-01,	INDUSTRY	Field	Temp	36.8	°C		60	
8/14/2014	1408168	IEUA	Field	Temp	30.2	°C		60	
10/23/2014	1410304	IEUA	Field	Temp	32.4	°C		60	
12/11/2014	ESB B4L1433-01,0	INDUSTRY	Field	Temp	25.8	°C		60	
3/17/2015	ESB B5C1718-01,	INDUSTRY	Field	Temp	27.4	°C		60	
4/22/2015	ESB B5D2274-01,	INDUSTRY	Field	Temp	24.5	°C		60	
4/23/2015	1504293	IEUA	Field	Temp	20.8	°C		60	
7/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	3081532	Gallons		7200000	
8/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	2996547	Gallons		7200000	
9/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	2635849	Gallons		7200000	
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	3550826	Gallons		7200000	
11/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	4436102	Gallons		7200000	
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	5057301	Gallons		7200000	
1/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	3287706	Gallons		7200000	
2/28/2015		IU Flow Rpt	Metered	Total Gallons per Month	3164906	Gallons		7200000	
3/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	3264262	Gallons		7200000	
4/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	2908447	Gallons		7200000	
5/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	2934177	Gallons		7200000	
6/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	2722244	Gallons		7200000	
8/14/2014	1408168	IEUA	Field	TS	<0.1	mg/L			
10/23/2014	1410304	IEUA	Field	TS	<0.1	mg/L			

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4/23/2015

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
4/23/2015	1504293	IEUA	Field	TS	<0.1	mg/L		
7/24/2014	ESB B4G2689	INDUSTRY	C	TSS	12	mg/L		
8/12/2014	ESB B4H1155-01,	INDUSTRY	C	TSS	<5	mg/L		
8/14/2014	1408168	IEUA	C	TSS	4	mg/L		
10/23/2014	1410304	IEUA	C	TSS	5	mg/L		
12/11/2014	ESB B4L1433-01,0	INDUSTRY	C	TSS	8	mg/L		
3/17/2015	ESB B5C1718-01,	INDUSTRY	C	TSS	<5	mg/L		
4/22/2015	ESB B5D2274-01,	INDUSTRY	C	TSS	<5	mg/L		
4/23/2015	1504293	IEUA	C	TSS	< 4	mg/L		

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07/12/14

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits	
							In NC	Daily
7/29/2014	1407371	IEUA	C	Ag	0.02	mg/L		
5/27/2015	1505338	IEUA	C	Ag	< 0.01	mg/L		
7/29/2014	1407371	IEUA	C	As	< 0.01	mg/L		
5/27/2015	1505338	IEUA	C	As	< 0.01	mg/L		
7/29/2014	1407371	IEUA	C	Ba	0.04	mg/L		
5/27/2015	1505338	IEUA	C	Ba	0.07	mg/L		
7/29/2014	1407371	IEUA	C	BOD5	42	mg/L		
9/4/2014	ML C129155-01,02	INDUSTRY	C	BOD5	97	mg/L		
1/8/2015	ML 010815-C1332	INDUSTRY	C	BOD5	142	mg/L		
5/27/2015	1505338	IEUA	C	BOD5	145	mg/L		
7/29/2014	1407371	IEUA	C	Cd	< 0.01	mg/L		2.8
9/4/2014	ML C129155-01,02	INDUSTRY	C	Cd	<0.005	mg/L		2.8
1/8/2015	ML 010815-C1332	INDUSTRY	C	Cd	<0.005	mg/L		2.8
5/27/2015	1505338	IEUA	C	Cd	< 0.01	mg/L		2.8
7/29/2014	1407371	IEUA	G	CN	<0.005	mg/L		1.2
9/4/2014	ML C129155-01,02	INDUSTRY	G	CN	<0.005	mg/L		1.2
1/8/2015	ML 010815-C1332	INDUSTRY	G	CN	<0.0050	mg/L		1.2
5/27/2015	1505338	IEUA	G	CN, Total	< 0.02	mg/L		
7/29/2014	1407371	IEUA	C	Co	< 0.01	mg/L		
5/27/2015	1505338	IEUA	C	Co	< 0.01	mg/L		
7/29/2014	1407371	IEUA	C	Cr	0.02	mg/L		60
9/4/2014	ML C129155-01,02	INDUSTRY	C	Cr	0.030	mg/L		60
1/8/2015	ML 010815-C1332	INDUSTRY	C	Cr	0.011	mg/L		60
5/27/2015	1505338	IEUA	C	Cr	0.02	mg/L		60
7/29/2014	1407371	IEUA	C	Cu	0.04	mg/L		1.35 0.75
9/4/2014	ML C129155-01,02	INDUSTRY	C	Cu	0.100	mg/L		1.35 0.75
1/8/2015	ML 010815-C1332	INDUSTRY	C	Cu	0.076	mg/L		1.35 0.75
5/27/2015	1505338	IEUA	C	Cu	0.04	mg/L		1.35 0.75

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								Daily	Monthly
7/29/2014	1407371	IEUA	Field	DS	<0.1	mg/L			
5/27/2015	1505338	IEUA	Field	DS	<0.1	mg/L			
7/29/2014	1407371	IEUA	C	Fe	< 0.15	mg/L			
5/27/2015	1505338	IEUA	C	Fe	0.18	mg/L			
7/29/2014	1407371	IEUA	C	Mn	< 0.02	mg/L			
5/27/2015	1505338	IEUA	C	Mn	< 0.02	mg/L			
		IEUA	C	Mo	< 0.01	mg/L			
7/29/2014	1407371	IEUA	C	Ni	0.03	mg/L		45	
9/4/2014	ML C129155-01,02	INDUSTRY	C	Ni	0.042	mg/L		45	
1/8/2015	ML 010815-C1332	INDUSTRY	C	Ni	0.012	mg/L		45	
5/27/2015	1505338	IEUA	C	Ni	0.02	mg/L		45	
7/2/2014	ML 070214-C1270	INDUSTRY	G	Oil and Grease, Total	19.3	mg/L		119.7	39.9
7/29/2014	1407371	IEUA	G	Oil and Grease, Total	< 3	mg/L		119.7	39.9
8/6/2014	ML 080614-C1282	INDUSTRY	G	Oil and Grease, Total	59.4	mg/L		119.7	39.9
8/26/2014	ML 082614-C1289	INDUSTRY	G	Oil and Grease, Total	15	mg/L		119.7	39.9
9/4/2014	ML C129155-01,02	INDUSTRY	G	Oil and Grease, Total	11.4	mg/L		119.7	39.9
10/1/2014	ML 100114-C1300	INDUSTRY	G	Oil and Grease, Total	16.3	mg/L		119.7	39.9
11/5/2014	ML C131331-01,02	INDUSTRY	G	Oil and Grease, Total	52.8	mg/L		119.7	39.9
12/3/2014	ML C132192-01,02	INDUSTRY	G	Oil and Grease, Total	16.3	mg/L		119.7	39.9
12/18/2014	ML 121814-C1327	NC sample	G	Oil and Grease, Total	18.5	mg/L		119.7	39.9
12/19/2014	ML 121914-C1328	NC sample	G	Oil and Grease, Total	18.7	mg/L		119.7	39.9
12/23/2014	ML 122314-C1328	NC sample	G	Oil and Grease, Total	6.3	mg/L		119.7	39.9
12/29/2014	ML 122214-C1328	NC sample	G	Oil and Grease, Total	7.9	mg/L		119.7	39.9
1/8/2015	ML 010815-C1332	INDUSTRY	G	Oil and Grease, Total	8.4	mg/L		119.7	39.9
2/4/2015	ML 020415-C1341	INDUSTRY	G	Oil and Grease, Total	16.4	mg/L		119.7	39.9
3/4/2015	ML 030415-C1351	INDUSTRY	G	Oil and Grease, Total	8.8	mg/L		119.7	39.9
4/1/2015	ML 040115-C1359	INDUSTRY	G	Oil and Grease, Total	10.1	mg/L		119.7	39.9
5/6/2015	ML 050615-C1372	INDUSTRY	G	Oil and Grease, Total	14.6	mg/L		119.7	39.9

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							<u>In NC</u>	<u>Daily</u>	<u>Monthly</u>
5/27/2015	1505338	IEUA	G	Oil and Grease, Total	< 8	mg/L		119.7	39.9
6/3/2015	ML 060315-C1382	INDUSTRY	G	Oil and Grease, Total	<6.0	mg/L		119.7	39.9
7/29/2014	1407371	IEUA	C	Pb	< 0.02	mg/L		3.15	1.56
9/4/2014	ML C129155-01,02	INDUSTRY	C	Pb	<0.018	mg/L		3.15	1.56
1/8/2015	ML 010815-C1332	INDUSTRY	C	Pb	<0.018	mg/L		3.15	1.56
5/27/2015	1505338	IEUA	C	Pb	< 0.02	mg/L		3.15	1.56
7/2/2014	ML 070214-C1270	INDUSTRY	Field	pH	7.29	pH Units		5.0-12.5	
7/29/2014	1407371	IEUA	Field	pH	7.08	pH Units		5.0-12.5	
8/6/2014	ML 080614-C1282	INDUSTRY	Field	pH	6.95	pH Units		5.0-12.5	
9/4/2014	ML C129155-01,02	INDUSTRY	Field	pH	6.96	pH Units		5.0-12.5	
10/1/2014	ML 100114-C1300	INDUSTRY	Field	pH	6.65	pH Units		5.0-12.5	
11/5/2014	ML C131331-01,02	INDUSTRY	Field	pH	6.18	pH Units		5.0-12.5	
12/3/2014	ML C132192-01,02	INDUSTRY	Field	pH	7.57	pH Units		5.0-12.5	
1/8/2015	ML 010815-C1332	INDUSTRY	Field	pH	7.81	pH Units		5.0-12.5	
2/4/2015	ML 020415-C1341	INDUSTRY	Field	pH	7.45	pH Units		5.0-12.5	
3/4/2015	ML 030415-C1351	INDUSTRY	Field	pH	7.41	pH Units		5.0-12.5	
4/1/2015	ML 040115-C1359	INDUSTRY	Field	pH	7.61	pH Units		5.0-12.5	
5/6/2015	ML 050615-C1372	INDUSTRY	Field	pH	7.15	pH Units		5.0-12.5	
5/27/2015	1505338	IEUA	Field	pH	7.8	pH Units		5.0-12.5	
6/3/2015	ML 060315-C1382	INDUSTRY	Field	pH	7.19	pH Units		5.0-12.5	
7/29/2014	1407371	IEUA	C	Se	< 0.02	mg/L			
5/27/2015	1505338	IEUA	C	Se	< 0.02	mg/L			
7/29/2014	1407371	IEUA	C	TDS	312	mg/L		550	
9/4/2014	ML C129155-01,02	INDUSTRY	C	TDS	346	mg/L		550	
1/8/2015	ML 010815-C1332	INDUSTRY	C	TDS	419	mg/L		550	
5/27/2015	1505338	IEUA	C	TDS	342	mg/L		550	
7/2/2014	ML 070214-C1270	INDUSTRY	Field	Temp	25	°C		60	
7/29/2014	1407371	IEUA	Field	Temp	25.8	°C		60	

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							<u>In NC</u>	<u>Daily</u>	<u>Monthly</u>
9/4/2014	ML C129155-01,02	INDUSTRY	Field	Temp	25	°C		60	
10/1/2014	ML 100114-C1300	INDUSTRY	Field	Temp	24.0	°C		60	
1/8/2015	ML 010815-C1332	INDUSTRY	Field	Temp	23.0	°C		60	
2/4/2015	ML 020415-C1341	INDUSTRY	Field	Temp	25.0	°C		60	
3/4/2015	ML 030415-C1351	INDUSTRY	Field	Temp	23.0	°C		60	
4/1/2015	ML 040115-C1359	INDUSTRY	Field	Temp	22.6	°C		60	
5/6/2015	ML 050615-C1372	INDUSTRY	Field	Temp	24.0	°C		60	
5/27/2015	1505338	IEUA	Field	Temp	21.1	°C		60	
6/3/2015	ML 060315-C1382	INDUSTRY	Field	Temp	25.0	°C		60	
7/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	41768	Gallons			
8/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	34730	Gallons			
9/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	35684	Gallons			
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	38996	Gallons			
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	44871	Gallons			
1/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	30920	Gallons			
2/28/2015		IU Flow Rpt	Metered	Total Gallons per Month	20705	Gallons			
3/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	44245	Gallons			
4/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	33964	Gallons			
5/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	37027	Gallons			
6/30/2015		IU Flow Rpt	Metered	Total Gallons per Month	45753	Gallons			
7/29/2014	1407371	IEUA	Field	TS	<0.1	mg/L			
5/27/2015	1505338	IEUA	Field	TS	<0.1	mg/L			
7/29/2014	1407371	IEUA	C	TSS	10	mg/L			
9/4/2014	ML C129155-01,02	INDUSTRY	C	TSS	14	mg/L			
1/8/2015	ML 010815-C1332	INDUSTRY	C	TSS	13	mg/L			
5/27/2015	1505338	IEUA	C	TSS	14	mg/L			
7/29/2014	1407371	IEUA	C	Zn	< 0.02	mg/L		5.74	2.18
9/4/2014	ML C129155-01,02	INDUSTRY	C	Zn	0.257	mg/L		5.74	2.18

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1/8/2015

<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>		
							<u>In NC</u>	<u>Daily</u>	<u>Monthly</u>
1/8/2015	ML 010815-C1332	INDUSTRY	C	Zn	0.092	mg/L		5.74	2.18
5/27/2015	1505338	IEUA	C	Zn	0.02	mg/L		5.74	2.18

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1/20/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
7/18/2014	ESB B4G1045-01	INDUSTRY	C	Ag	<0.01	mg/L		0.43	0.24
9/23/2014	1409306	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
10/15/2014	ESB B4J1641-01	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
10/30/2014	1410381	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
3/12/2015	1503153	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
5/14/2015	1505170	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
9/23/2014	1409306	IEUA	C	As	< 0.01	mg/L			
10/30/2014	1410381	IEUA	C	As	< 0.01	mg/L			
3/12/2015	1503153	IEUA	C	As	< 0.01	mg/L			
5/14/2015	1505170	IEUA	C	As	< 0.01	mg/L			
9/23/2014	1409306	IEUA	C	Ba	0.03	mg/L			
10/30/2014	1410381	IEUA	C	Ba	0.02	mg/L			
3/12/2015	1503153	IEUA	C	Ba	0.03	mg/L			
5/14/2015	1505170	IEUA	C	Ba	0.13	mg/L			
7/18/2014	ESB B4G1045-01	INDUSTRY	C	BOD5	<20	mg/L			
9/23/2014	1409306	IEUA	C	BOD5	4	mg/L			
10/15/2014	ESB B4J1641-01	INDUSTRY	C	BOD5	<10	mg/L			
10/30/2014	1410381	IEUA	C	BOD5	6	mg/L			
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	BOD5	<20	mg/L			
3/12/2015	1503153	IEUA	C	BOD5	4	mg/L			
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	BOD5	<10	mg/L			
5/14/2015	1505170	IEUA	C	BOD5	17	mg/L			
7/18/2014	ESB B4G1045-01	INDUSTRY	C	Cd	<0.002	mg/L		0.11	0.07
9/23/2014	1409306	IEUA	C	Cd	< 0.01	mg/L		0.11	0.07
10/15/2014	ESB B4J1641-01	INDUSTRY	C	Cd	<0.0020	mg/L		0.11	0.07
10/30/2014	1410381	IEUA	C	Cd	< 0.01	mg/L		0.11	0.07

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11/12/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	Cd	<0.002	mg/L		0.11	0.07
3/12/2015	1503153	IEUA	C	Cd	< 0.01	mg/L		0.11	0.07
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	Cd	<0.0020	mg/L		0.11	0.07
5/14/2015	1505170	IEUA	C	Cd	< 0.01	mg/L		0.11	0.07
7/18/2014	ESB B4G1045-01	INDUSTRY	G	CN	<0.005	mg/L			
9/23/2014	1409306	IEUA	G	CN	<0.005	mg/L		1.2	0.65
10/15/2014	ESB B4J1641-01	INDUSTRY	G	CN	<0.005	mg/L		1.2	0.65
1/13/2015	ESB B5A1162-01,	INDUSTRY	G	CN	<0.005	mg/L		1.2	0.65
4/21/2015	ESB B5D2129-01,	INDUSTRY	G	CN	<0.005	mg/L		1.2	0.65
10/30/2014	1410381	IEUA	G	CN, Total	< 0.005	mg/L			
3/12/2015	1503153	IEUA	G	CN, Total	< 0.020	mg/L			
5/13/2015	1505155	IEUA	G	CN, Total	< 0.02	mg/L			
9/23/2014	1409306	IEUA	C	Co	< 0.01	mg/L			
10/30/2014	1410381	IEUA	C	Co	< 0.01	mg/L			
3/12/2015	1503153	IEUA	C	Co	< 0.01	mg/L			
5/14/2015	1505170	IEUA	C	Co	< 0.01	mg/L			
7/18/2014	ESB B4G1045-01	INDUSTRY	C	Cr	<0.02	mg/L		2.77	1.71
9/23/2014	1409306	IEUA	C	Cr	< 0.01	mg/L		2.77	1.71
10/15/2014	ESB B4J1641-01	INDUSTRY	C	Cr	<0.020	mg/L		2.77	1.71
10/30/2014	1410381	IEUA	C	Cr	< 0.01	mg/L		2.77	1.71
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	Cr	<0.020	mg/L		2.77	1.71
3/12/2015	1503153	IEUA	C	Cr	< 0.01	mg/L		2.77	1.71
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	Cr	<0.020	mg/L		2.77	1.71
5/14/2015	1505170	IEUA	C	Cr	0.01	mg/L		2.77	1.71
7/18/2014	ESB B4G1045-01	INDUSTRY	C	Cu	<0.01	mg/L		3.38	2.07
9/23/2014	1409306	IEUA	C	Cu	< 0.02	mg/L		3.38	2.07
10/15/2014	ESB B4J1641-01	INDUSTRY	C	Cu	<0.010	mg/L		3.38	2.07
10/30/2014	1410381	IEUA	C	Cu	< 0.02	mg/L		3.38	2.07

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11/12/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	Cu	<0.010	mg/L		3.38	2.07
3/12/2015	1503153	IEUA	C	Cu	< 0.02	mg/L		3.38	2.07
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	Cu	<0.010	mg/L		3.38	2.07
5/14/2015	1505170	IEUA	C	Cu	< 0.02	mg/L		3.38	2.07
9/23/2014	1409306	IEUA	Field	DS	<0.1	mg/L			
10/30/2014	1410381	IEUA	Field	DS	<0.1	mg/L			
3/12/2015	1503153	IEUA	Field	DS	<0.1	mg/L			
5/14/2015	1505170	IEUA	Field	DS	<0.1	mg/L			
9/23/2014	1409306	IEUA	C	Fe	0.16	mg/L			
10/30/2014	1410381	IEUA	C	Fe	0.24	mg/L			
3/12/2015	1503153	IEUA	C	Fe	0.15	mg/L			
5/14/2015	1505170	IEUA	C	Fe	2.14	mg/L			
9/23/2014	1409306	IEUA	C	Mn	< 0.02	mg/L			
10/30/2014	1410381	IEUA	C	Mn	< 0.02	mg/L			
3/12/2015	1503153	IEUA	C	Mn	< 0.02	mg/L			
5/14/2015	1505170	IEUA	C	Mn	< 0.02	mg/L			
		IEUA	C	Mo	1.48	mg/L			
7/18/2014	ESB B4G1045-01	INDUSTRY	C	Ni	<0.01	mg/L		3.98	2.38
9/23/2014	1409306	IEUA	C	Ni	< 0.01	mg/L		3.98	2.38
10/15/2014	ESB B4J1641-01	INDUSTRY	C	Ni	<0.020	mg/L		3.98	2.38
10/30/2014	1410381	IEUA	C	Ni	< 0.01	mg/L		3.98	2.38
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	Ni	<0.020	mg/L		3.98	2.38
3/12/2015	1503153	IEUA	C	Ni	< 0.01	mg/L		3.98	2.38
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	Ni	<0.020	mg/L		3.98	2.38
5/14/2015	1505170	IEUA	C	Ni	< 0.01	mg/L		3.98	2.38
7/18/2014	ESB B4G1045-01	INDUSTRY	C	Pb	<0.01	mg/L		0.69	0.43
9/23/2014	1409306	IEUA	C	Pb	< 0.02	mg/L		0.69	0.43
10/15/2014	ESB B4J1641-01	INDUSTRY	C	Pb	<0.010	mg/L		0.69	0.43

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10/31/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
10/30/2014	1410381	IEUA	C	Pb	< 0.02	mg/L		0.69	0.43
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	Pb	<0.010	mg/L		0.69	0.43
3/12/2015	1503153	IEUA	C	Pb	< 0.02	mg/L		0.69	0.43
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	Pb	<0.010	mg/L		0.69	0.43
5/14/2015	1505170	IEUA	C	Pb	< 0.02	mg/L		0.69	0.43
7/18/2014	ESB B4G1045-01	INDUSTRY	G	pH	7.1	units			
9/23/2014	1409306	IEUA	Field	pH	6.78	pH Units		5-12.5	
10/15/2014	ESB B4J1641-01	INDUSTRY	Field	pH	6.96	pH Units		5-12.5	
10/30/2014	1410381	IEUA	Field	pH	7.52	pH Units		5-12.5	
1/13/2015	ESB B5A1162-01,	INDUSTRY	Field	pH	7.12	pH Units		5-12.5	
3/12/2015	1503153	IEUA	Field	pH	7.40	pH Units		5-12.5	
4/21/2015	ESB B5D2129-01,	INDUSTRY	Field	pH	6.71	pH Units		5-12.5	
5/14/2015	1505170	IEUA	Field	pH	7.70	pH Units		5-12.5	
9/23/2014	1409306	IEUA	C	Se	< 0.02	mg/L			
10/30/2014	1410381	IEUA	C	Se	< 0.02	mg/L			
3/12/2015	1503153	IEUA	C	Se	< 0.02	mg/L			
5/14/2015	1505170	IEUA	C	Se	< 0.02	mg/L			
7/18/2014	ESB B4G1045-01	INDUSTRY	C	TDS	270	mg/L		800	
9/23/2014	1409306	IEUA	C	TDS	246	mg/L		800	
10/15/2014	ESB B4J1641-01	INDUSTRY	C	TDS	230	mg/L		800	
10/30/2014	1410381	IEUA	C	TDS	342	mg/L		800	
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	TDS	380	mg/L		800	
3/12/2015	1503153	IEUA	C	TDS	228	mg/L		800	
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	TDS	120	mg/L		800	
5/14/2015	1505170	IEUA	C	TDS	262	mg/L		800	
7/18/2014	ESB B4G1045-01	INDUSTRY	G	Temp	29	! C			
9/23/2014	1409306	IEUA	Field	Temp	31.6	°C		60	
10/15/2014	ESB B4J1641-01	INDUSTRY	Field	Temp	29.2	°C		60	

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10/30/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
10/30/2014	1410381	IEUA	Field	Temp	27.6	°C		60	
1/13/2015	ESB B5A1162-01,	INDUSTRY	Field	Temp	25.4	°C		60	
3/12/2015	1503153	IEUA	Field	Temp	26.7	°C		60	
4/21/2015	ESB B5D2129-01,	INDUSTRY	Field	Temp	27.8	°C		60	
5/14/2015	1505170	IEUA	Field	Temp	23.9	°C		60	
9/23/2014	1409306	IEUA	Field	TS	<0.1	mg/L			
10/30/2014	1410381	IEUA	Field	TS	<0.1	mg/L			
3/12/2015	1503153	IEUA	Field	TS	<0.1	mg/L			
5/14/2015	1505170	IEUA	Field	TS	<0.1	mg/L			
7/18/2014	ESB B4G1045-01	INDUSTRY	C	TSS	10	mg/L			
9/23/2014	1409306	IEUA	C	TSS	< 2	mg/L			
10/15/2014	ESB B4J1641-01	INDUSTRY	C	TSS	6	mg/L			
10/30/2014	1410381	IEUA	C	TSS	4	mg/L			
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	TSS	9	mg/L			
3/12/2015	1503153	IEUA	C	TSS	< 4	mg/L			
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	TSS	6	mg/L			
5/14/2015	1505170	IEUA	C	TSS	16	mg/L			
7/18/2014	ESB B4G1045-01	INDUSTRY	C	Zn	2.0	mg/L		2.61	1.48
8/19/2014	ESB B4H2084-01	NC sample	C	Zn	0.44	mg/L		2.61	1.48
8/27/2014	ESB B4H2805-01	NC sample	C	Zn	1.2	mg/L		2.61	1.48
9/4/2014	ESB B4I0493-01	NC sample	C	Zn	0.3	mg/L		2.61	1.48
9/23/2014	1409306	IEUA	C	Zn	0.09	mg/L		2.61	1.48
10/15/2014	ESB B4J1641-01	INDUSTRY	C	Zn	0.290	mg/L		2.61	1.48
10/30/2014	1410381	IEUA	C	Zn	0.22	mg/L		2.61	1.48
1/13/2015	ESB B5A1162-01,	INDUSTRY	C	Zn	0.33	mg/L		2.61	1.48
3/12/2015	1503153	IEUA	C	Zn	0.1	mg/L		2.61	1.48
4/21/2015	ESB B5D2129-01,	INDUSTRY	C	Zn	0.15	mg/L		2.61	1.48
5/14/2015	1505170	IEUA	C	Zn	0.79	mg/L		2.61	1.48

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<u>Sampled:</u>	<u>Sample ID:</u>	<u>Source:</u>	<u>Sample Type</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Permit Limits</u>	
							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
7/24/2014	1407306	IEUA	C	BOD5	83	mg/L		
8/14/2014	WAL 14080164	INDUSTRY	C	BOD5	77	mg/L		
2/12/2015	WAL 15020098	INDUSTRY	C	BOD5	40	mg/L		
4/30/2015	1504383	IEUA	C	BOD5	100	mg/L		
7/24/2014	1407306	IEUA	Field	DS	<0.1	mg/L		
4/30/2015	1504383	IEUA	Field	DS	<0.1	mg/L		
8/14/2014	WAL 14080164	INDUSTRY	Metered	Flow-T	7500	gpd		8805
7/24/2014	1407306	IEUA	G	Oil and Grease, Total	15	mg/L		95
8/14/2014	WAL 14080164	INDUSTRY	G	Oil and Grease, Total	14	mg/L		95
2/12/2015	WAL 15020098	INDUSTRY	G	Oil and Grease, Total	9	mg/L		95.0
4/30/2015	1504383	IEUA	G	Oil and Grease, Total	26	mg/L		95.0
7/24/2014	1407306	IEUA	Field	pH	7.54	pH Units		5.0 - 12.5
8/14/2014	WAL 14080164	INDUSTRY	Field	pH	8.3	pH Units		5.0 - 12.5
2/12/2015	WAL 15020098	INDUSTRY	Field	pH	8.3	pH Units		5.0 - 12.5
4/30/2015	1504383	IEUA	Field	pH	8.10	pH Units		5.0 - 12.5
7/24/2014	1407306	IEUA	C	TDS	310	mg/L		800
8/14/2014	WAL 14080164	INDUSTRY	C	TDS	248	mg/L		800
2/12/2015	WAL 15020098	INDUSTRY	C	TDS	217	mg/L		800
4/30/2015	1504383	IEUA	C	TDS	286	mg/L		800
7/24/2014	1407306	IEUA	Field	Temp	28.2	°C		
4/30/2015	1504383	IEUA	Field	Temp	32.6	°C		
7/24/2014	1407306	IEUA	Field	TS	<0.1	mg/L		
4/30/2015	1504383	IEUA	Field	TS	<0.1	mg/L		
7/24/2014	1407306	IEUA	C	TSS	93	mg/L		
8/14/2014	WAL 14080164	INDUSTRY	C	TSS	34	mg/L		
2/12/2015	WAL 15020098	INDUSTRY	C	TSS	33	mg/L		
4/30/2015	1504383	IEUA	C	TSS	31	mg/L		

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2017/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	Permit Limits		
							In NC	Daily	Monthly
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
9/23/2014	1409306	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
10/30/2014	1410381	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
1/29/2015	1501379	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
6/11/2015	1506143	IEUA	C	Ag	< 0.01	mg/L		0.43	0.24
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	Ag	<0.010	mg/L		0.43	0.24
9/23/2014	1409306	IEUA	C	As	0.01	mg/L			
10/30/2014	1410381	IEUA	C	As	< 0.01	mg/L			
1/29/2015	1501379	IEUA	C	As	0.04	mg/L			
6/11/2015	1506143	IEUA	C	As	< 0.01	mg/L			
9/23/2014	1409306	IEUA	C	Ba	< 0.01	mg/L			
10/30/2014	1410381	IEUA	C	Ba	< 0.01	mg/L			
1/29/2015	1501379	IEUA	C	Ba	< 0.01	mg/L			
6/11/2015	1506143	IEUA	C	Ba	< 0.01	mg/L			
7/1/2014	ESB B4G0141-01	INDUSTRY	C	BOD5	66	mg/L			
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	BOD5	<20	mg/L			
9/23/2014	1409306	IEUA	C	BOD5	128	mg/L			
10/30/2014	1410381	IEUA	C	BOD5	174	mg/L			
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	BOD5	26	mg/L			
1/29/2015	1501379	IEUA	C	BOD5	213	mg/L			
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	BOD5	110	mg/L			
6/11/2015	1506143	IEUA	C	BOD5	12	mg/L			
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	BOD5	150	mg/L			
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	Cd	<0.0020	mg/L		0.11	0.07
9/23/2014	1409306	IEUA	C	Cd	< 0.01	mg/L		0.11	0.07
10/30/2014	1410381	IEUA	C	Cd	< 0.01	mg/L		0.11	0.07

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12/15/2014

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	Cd	<0.0020	mg/L		0.11	0.07
1/29/2015	1501379	IEUA	C	Cd	< 0.01	mg/L		0.11	0.07
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	Cd	<0.0020	mg/L		0.11	0.07
6/11/2015	1506143	IEUA	C	Cd	< 0.01	mg/L		0.11	0.07
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	Cd	<0.0020	mg/L		0.11	0.07
9/10/2014	ESB B4I1149-01,0	INDUSTRY	G	CN	<0.005	mg/L		1.20	0.65
9/23/2014	1409306	IEUA	G	CN	<0.005	mg/L		1.20	0.65
12/16/2014	ESB B4L1991-01,0	INDUSTRY	G	CN	<0.005	mg/L		1.20	0.65
3/6/2015	ESB B5C0746-01,	INDUSTRY	G	CN	<0.005	mg/L		1.20	0.65
6/16/2015	ESB B5F1764-01,0	INDUSTRY	G	CN	<0.005	mg/L		1.20	0.65
9/23/2014	1409306	IEUA	C	Co	< 0.01	mg/L			
10/30/2014	1410381	IEUA	C	Co	< 0.01	mg/L			
1/29/2015	1501379	IEUA	C	Co	< 0.01	mg/L			
6/11/2015	1506143	IEUA	C	Co	< 0.01	mg/L			
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	Cr	<0.020	mg/L		2.77	1.71
9/23/2014	1409306	IEUA	C	Cr	< 0.01	mg/L		2.77	1.71
10/30/2014	1410381	IEUA	C	Cr	< 0.01	mg/L		2.77	1.71
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	Cr	<0.020	mg/L		2.77	1.71
1/29/2015	1501379	IEUA	C	Cr	< 0.01	mg/L		2.77	1.71
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	Cr	<0.020	mg/L		2.77	1.71
6/11/2015	1506143	IEUA	C	Cr	< 0.01	mg/L		2.77	1.71
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	Cr	<0.020	mg/L		2.77	1.71
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	Cu	0.020	mg/L		3.38	2.07
9/23/2014	1409306	IEUA	C	Cu	0.04	mg/L		3.38	2.07
10/30/2014	1410381	IEUA	C	Cu	< 0.02	mg/L		3.38	2.07
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	Cu	<0.010	mg/L		3.38	2.07
1/29/2015	1501379	IEUA	C	Cu	0.03	mg/L		3.38	2.07
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	Cu	<0.010	mg/L		3.38	2.07

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01/17/2015

Sampled:	Sample ID:	Source:	Sample Type	Parameter	Result	Units	In NC	Permit Limits	
								Daily	Monthly
6/11/2015	1506143	IEUA	C	Cu	0.02	mg/L		3.38	2.07
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	Cu	0.066	mg/L		3.38	2.07
9/23/2014	1409306	IEUA	Field	DS	<0.1	mg/L			
10/30/2014	1410381	IEUA	Field	DS	<0.1	mg/L			
1/29/2015	1501379	IEUA	Field	DS	<0.1	mg/L			
6/11/2015	1506143	IEUA	Field	DS	<0.1	mg/L			
9/23/2014	1409306	IEUA	C	Fe	< 0.15	mg/L			
10/30/2014	1410381	IEUA	C	Fe	< 0.15	mg/L			
1/29/2015	1501379	IEUA	C	Fe	< 0.15	mg/L			
6/11/2015	1506143	IEUA	C	Fe	< 0.15	mg/L			
9/10/2014	ESB B4I1149-01,0	INDUSTRY	Metered	Flow-T	646	gpd		4320	
12/16/2014	ESB B4L1991-01,0	INDUSTRY	Metered	Flow-T	647	gpd		4320	
3/6/2015	ESB B5C0746-01,	INDUSTRY	Metered	Flow-T	550	gpd		4320	
6/16/2015	ESB B5F1764-01,0	INDUSTRY	Metered	Flow-T	382	gpd		4320	
9/23/2014	1409306	IEUA	C	Mn	< 0.02	mg/L			
10/30/2014	1410381	IEUA	C	Mn	< 0.02	mg/L			
1/29/2015	1501379	IEUA	C	Mn	< 0.02	mg/L			
6/11/2015	1506143	IEUA	C	Mn	< 0.02	mg/L			
		IEUA	C	Mo	0.01	mg/L			
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	Ni	<0.020	mg/L		3.98	2.38
9/23/2014	1409306	IEUA	C	Ni	0.01	mg/L		3.98	2.38
10/30/2014	1410381	IEUA	C	Ni	< 0.01	mg/L		3.98	2.38
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	Ni	<0.020	mg/L		3.98	2.38
1/29/2015	1501379	IEUA	C	Ni	0.03	mg/L		3.98	2.38
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	Ni	<0.020	mg/L		3.98	2.38
6/11/2015	1506143	IEUA	C	Ni	< 0.01	mg/L		3.98	2.38
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	Ni	0.060	mg/L		3.98	2.38
9/10/2014	ESB B4I1149-01,0	INDUSTRY	G	Oil and Grease, Total	<5.0	mg/L		100	

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12/17/2014

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							In NC	Daily	Monthly
9/23/2014	1409306	IEUA	G	Oil and Grease, Total	2	mg/L		100	
12/16/2014	ESB B4L1991-01,0	INDUSTRY	G	Oil and Grease, Total	<4.9	mg/L		100	
1/29/2015	1501379	IEUA	G	Oil and Grease, Total	< 1	mg/L		100	
3/6/2015	ESB B5C0746-01,	INDUSTRY	G	Oil and Grease, Total	6.2	mg/L		100	
6/16/2015	ESB B5F1764-01,0	INDUSTRY	G	Oil and Grease, Total	<4.9	mg/L		100	
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	Pb	<0.010	mg/L		0.69	0.43
9/23/2014	1409306	IEUA	C	Pb	< 0.02	mg/L		0.69	0.43
10/30/2014	1410381	IEUA	C	Pb	< 0.02	mg/L		0.69	0.43
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	Pb	<0.010	mg/L		0.69	0.43
1/29/2015	1501379	IEUA	C	Pb	< 0.02	mg/L		0.69	0.43
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	Pb	<0.010	mg/L		0.69	0.43
6/11/2015	1506143	IEUA	C	Pb	< 0.02	mg/L		0.69	0.43
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	Pb	<0.010	mg/L		0.69	0.43
9/10/2014	ESB B4I1149-01,0	INDUSTRY	Field	pH	6.6	pH Units		5-12.5	
9/23/2014	1409306	IEUA	Field	pH	6.36	pH Units		5-12.5	
10/30/2014	1410381	IEUA	Field	pH	6.73	pH Units		5-12.5	
12/16/2014	ESB B4L1991-01,0	INDUSTRY	Field	pH	7.43	pH Units		5-12.5	
1/29/2015	1501379	IEUA	Field	pH	7.94	pH Units		5-12.5	
3/6/2015	ESB B5C0746-01,	INDUSTRY	Field	pH	7.60	pH Units		5-12.5	
6/11/2015	1506143	IEUA	Field	pH	8.00	pH Units		5-12.5	
6/16/2015	ESB B5F1764-01,0	INDUSTRY	Field	pH	6.37	pH Units		5-12.5	
9/23/2014	1409306	IEUA	C	Se	0.34	mg/L			
10/30/2014	1410381	IEUA	C	Se	0.03	mg/L			
1/29/2015	1501379	IEUA	C	Se	0.04	mg/L			
6/11/2015	1506143	IEUA	C	Se	0.58	mg/L			
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	TDS	480	mg/L		800	
9/23/2014	1409306	IEUA	C	TDS	302	mg/L		800	
10/30/2014	1410381	IEUA	C	TDS	346	mg/L		800	

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12/22/2014

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							<u>In NC</u>	<u>Daily</u> <u>Monthly</u>
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	TDS	720	mg/L		800
1/29/2015	1501379	IEUA	C	TDS	550	mg/L		800
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	TDS	480	mg/L		800
6/11/2015	1506143	IEUA	C	TDS	440	mg/L		800
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	TDS	510	mg/L		800
9/10/2014	ESB B4I1149-01,0	INDUSTRY	Field	Temp	28	°C		60
9/23/2014	1409306	IEUA	Field	Temp	26.0	°C		60
10/30/2014	1410381	IEUA	Field	Temp	22.1	°C		60
12/16/2014	ESB B4L1991-01,0	INDUSTRY	Field	Temp	19.4	°C		60
1/29/2015	1501379	IEUA	Field	Temp	19.3	°C		60
3/6/2015	ESB B5C0746-01,	INDUSTRY	Field	Temp	24.4	°C		60
6/11/2015	1506143	IEUA	Field	Temp	24.3	°C		60
6/16/2015	ESB B5F1764-01,0	INDUSTRY	Field	Temp	27.2	°C		60
7/31/2014	Flow	IU Flow Rpt	Metered	Total Gallons per Month	9845	Gallons		
8/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	10682	Gallons		
9/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	13170	Gallons		
10/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	14502	Gallons		
11/30/2014		IU Flow Rpt	Metered	Total Gallons per Month	13172	Gallons		
12/31/2014		IU Flow Rpt	Metered	Total Gallons per Month	18320	Gallons		
1/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	8656	Gallons		
2/28/2015		IU Flow Rpt	Metered	Total Gallons per Month	10817	Gallons		
3/31/2015		IU Flow Rpt	Metered	Total Gallons per Month	12795	Gallons		
9/23/2014	1409306	IEUA	Field	TS	0.5	mg/L		
10/30/2014	1410381	IEUA	Field	TS	<0.1	mg/L		
1/29/2015	1501379	IEUA	Field	TS	<0.1	mg/L		
6/11/2015	1506143	IEUA	Field	TS	<0.1	mg/L		
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	TSS	8	mg/L		
9/23/2014	1409306	IEUA	C	TSS	9	mg/L		

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10/31/2014

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							<u>In NC</u>	<u>Daily</u>
10/30/2014	1410381	IEUA	C	TSS	6	mg/L		
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	TSS	<5	mg/L		
1/29/2015	1501379	IEUA	C	TSS	6	mg/L		
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	TSS	11	mg/L		
6/11/2015	1506143	IEUA	C	TSS	< 4	mg/L		
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	TSS	16	mg/L		
9/10/2014	ESB B4I1149-01,0	INDUSTRY	C	Zn	<0.010	mg/L		2.61 1.48
9/23/2014	1409306	IEUA	C	Zn	< 0.02	mg/L		2.61 1.48
10/30/2014	1410381	IEUA	C	Zn	< 0.02	mg/L		2.61 1.48
12/16/2014	ESB B4L1991-01,0	INDUSTRY	C	Zn	<0.010	mg/L		2.61 1.48
1/29/2015	1501379	IEUA	C	Zn	0.02	mg/L		2.61 1.48
3/6/2015	ESB B5C0746-01,	INDUSTRY	C	Zn	<0.010	mg/L		2.61 1.48
6/11/2015	1506143	IEUA	C	Zn	< 0.02	mg/L		2.61 1.48
6/16/2015	ESB B5F1764-01,0	INDUSTRY	C	Zn	0.065	mg/L		2.61 1.48

Report compiled by

Date:

Key to Result Flags

D = Daily Limit L = Local Limit M = Monthly Limit T = Exceeds TRC Limit *** = Exceeds TRC 33%
 +++ = Exceeds TRC Chronic 66% C= Improper Collection Method H = Holding Time Exceeded
 NC = Numerical Violation NC Sample = Sample Taken in Response to Enforcement Action
 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

2014/2015 PRETREATMENT ANNUAL REPORT

City of Upland

IEUA PRETREATMENT ACTIVITIES FOR THE CITY OF UPLAND'S SIGNIFICANT INDUSTRIAL USERS

During the fiscal year IEUA continued with the management of all program activities including permitting, monitoring, inspection and enforcement for the SIUs. The pretreatment program service was provided for Dynamic Plating, a metal finishing industry. The paragraphs below describe Dynamic Plating's manufacturing process and any permit activities that occurred during the fiscal year.

Dynamic Plating Permit No. 3471-2

Dynamic Plating (DP) is a job-shop electroplating industry and its operation is subject to pretreatment standards for a new source listed in 40 CFR Part 433.17, Metal Finishing Category.

DP uses solutions of copper, nickel, chromium, zinc, silver, and cyanide in its plating processes. DP's pretreatment facility was designed for cyanide treatment, reduction of hexavalent chromium to its trivalent state, and removal of heavy metals. The spent process solutions are batch treated and processed through an evaporator. The batch treatment is normally performed at a maximum frequency of twice per month, depending on the deterioration of the process solutions.

In FY 09/10, DP installed additional pretreatment equipment which allowed them to recycle their wastewater. Consequently, their discharge line from their industrial wastewater operations was severed and the sewer connection sealed. During the fiscal year, DP's permit was reissued on January 14, 2015 to update references to IEUA's new Regional Wastewater Ordinance which was adopted on October 15, 2014.

Table 34: City of Upland - List of Significant Industrial Users and Applicable Standards

CURRENTLY PERMITTED	INDUSTRIAL USER NAME & ADDRESS	ADDITION / DELETION & REASON	APPLICABLE FEDERAL CATEGORY & STANDARD	LOCAL LIMITS MORE STRINGENT THAN FEDERAL
Yes	Dynamic Plating 952 W. 9 th Street Upland, CA 91786		Metal Finishing, 433.17, Subpart A, PSNS	None

Table 35: City of Upland - Significant Industrial User Compliance Status

INDUSTRIAL USER NAME & ADDRESS	INDUSTRIAL CATEGORY	TYPE OF PRETREATMENT PRESENT	NUMBER OF SAMPLES TAKEN		TTO (TOMP) CERTIFICATION	NUMBER OF INSPECTIONS CONDUCTED
			IU	AGENCY		
Dynamic Plating 952 W. 9 th Street Upland, CA 91786	Metal Finishing, 433.17, Subpart A, PSNS	Conventional metal treatment using pH adjustment, polymer precipitation chemicals, clarification & sludge removal	0*	0*	Yes	2

*Zero discharge permit

Table 36: City of Upland - Significant Industrial User Violations and Applicable Enforcement Action

INDUSTRIAL USER NAME & ADDRESS	STANDARDS VIOLATED		SNC	SUMMARY OF ENFORCEMENT ACTIONS PROPOSED OR TAKEN	ENFORCEMENT ACTION DATE	FINES ASSESSED THIS YEAR
	Federal	Local				
Dynamic Plating 952 W. 9 th Street Upland, CA 91786	None	None	No	None Required	N/A	None

Table 37: City of Upland - Compliance Summary of Significant Industrial Users

Number of SIUs in SNC with pretreatment compliance schedules:	0
Number of Notices of Violations & Administrative Orders issued to SIUs:	0
Number of Civil & Criminal Judicial Actions filed against SIUs:	0
Number of SIUs published for SNC:	0
Number of SIUs where penalties were collected:	0

SIU Significant Industrial User
SNC Significant Noncompliance per 40 CFR 403.8

2014/2015 INDUSTRY MONITORING DATA

City of Upland

City of Upland Monitoring Data

There is no monitoring data for the City of Upland during Fiscal Year 2014-2015.

SECTION 5

PRETREATMENT PROGRAM CHANGES

IEUA continued to provide management and operation of the industrial wastewater pretreatment program for all SIU's for the Cucamonga Valley Water District (CVWD) and the Cities of Chino Hills, Montclair, Ontario, and Upland. The Cities of Chino and Fontana continued to manage their SIUs with oversight from IEUA. Non SIU's within the service areas are not included as part of the pretreatment program and are continuing to be managed under each respective cities Source Control Program.

In June of 2014, IEUA hired a consultant to reevaluate IEUA's Local Limits in a formal study as the result of a 2012 Pretreatment Program Compliance Audit. The objective of this study is to develop logical, technically based, and defensible local limits that are effective, enforceable and applicable to all Significant Industrial Users (SIUs) within the IEUA's service area. The Local Limits will, at a minimum, meet the statutory and regulatory requirements of the Clean Water Act, General Pretreatment Regulations, and any applicable State or local requirements in addition to the NPDES permit conditions.

The draft local limits report was completed in July 2015 and was sent to the RWQCB as required by 40 CFR 403.18 for review and approval. Table 13 summarizes the POCs, current local limits, and recommended local limits. For those POCs where a local limit is not recommended, pollutant monitoring will be conducted as part of the pretreatment compliance monitoring program.

There were no other changes in the pretreatment program during Fiscal Year 2014/15.

Table 38: Current Local Limits vs. Proposed Local Limits

POCs	Current Limits (mg/L)	Proposed Limits (mg/L)	Comments
Cadmium	2.8	--	Background, RP-1 influent, and CCWRF influent all non-detect; monitor via IEUA monitoring program
Chromium	60	2.79	Daily max; Based on CCWRF UCL
Copper	45	2.29	Daily max; Based on CCWRF UCL
Cyanide (free)	1.2	--	Monitor via IEUA monitoring program
Lead	14	1.38	Daily max; Based on CCWRF CFL (applied to contributory SIUs, Net Shapes and Envision Plastics); set alert level of 0.02 mg/L for other SIUs
Nickel	45	12.5	Daily max; Based on CCWRF CFL (applied to contributory SIUs, Evolution Fresh, Inland Powder, Jewlland-Freya, Net Shapes, OW Lee, Parco, Schlosser Forge, Sun Badge, and Envision Plastics); set alert level of 0.19 mg/L for other SIUs
Selenium	--	--	Monitor via IEUA monitoring program; work with Sun Badge to assess BMPs
Zinc	50	3.74	Daily max; Based on CCWRF UCL
Bis(2-Ethylhexyl) phthalate	--	--	Monitor via IEUA monitoring program
Chloride	--	--	Monitor via IEUA monitoring program
Hardness	--	--	Monitor via IEUA monitoring program
Manganese	--	--	Monitor via IEUA monitoring program
pH	>5.0 and <12.5	>5.0 and <12.5	Instantaneous limit based on pH standard unit
Sodium	--	--	Monitor via IEUA monitoring program
Sulfate	--	--	Monitor via IEUA monitoring program
TDS	800/550*	800/550*	Monthly average and measured as TDS (fixed)

Notes: mg/L = milligrams per liter; * = TDS limits for existing SIUs and new SIUs

SECTION 6

SUMMARY OF ANNUAL PRETREATMENT BUDGET

Below is a summary of the annual pretreatment budgets for IEUA and the contracting agencies for FY 2014/15.

<u>AGENCY</u>	<u>TOTAL</u>
CVWD (Pretreatment Program managed by IEUA)	
City of Chino	\$509,761
Personnel	\$363,839
Lab, Equipment and Operating Costs	\$145,922
City of Chino Hills (Pretreatment Program Managed by IEUA)	
City of Fontana	\$904,570
Personnel (Staff, Contract & Training)	\$574,240
Lab Fees, Legal, and Eng. Services	\$191,000
Capital Expenditures	\$5,000
Vehicle Maintenance & Liability	\$81,120
Operations	\$45,710
Training	\$7,500
City of Montclair (Pretreatment Program managed by IEUA)	
City of Ontario (Pretreatment Program managed by IEUA)	
City of Upland (Pretreatment Program managed by IEUA)	\$162,534
Personnel	\$120,000
Maintenance and Operations	\$42,534
Inland Empire Utilities Agency	\$656,953
Personnel	\$372,291
Equipment & Operating Costs	\$142,993
Laboratory Analysis	\$21,669
Salinity Management	\$120,000
 Total Budget IEUA and Contracting Agencies	 \$2,233,818

SECTION 7

PUBLIC PARTICIPATION ACTIVITIES

IEUA complied with the public participation requirements of 40 CFR Part 25 in the enforcement of National Pretreatment Standards by publishing in August 2015 its industrial users which were in Significant Non-Compliance (SNC) during the period July 1, 2014 to June 30, 2015.

The United States Environmental Protection Agency (EPA) General Pretreatment Regulations for Existing and New Sources of Pollution, 40 CFR Part 403, require the Inland Empire Utilities Agency (IEUA) to publish on an annual basis a list of “Industrial Users which, during the previous 12 months, were significantly violating applicable Pretreatment Standards or other Pretreatment Requirements”. For the purpose of this provision, significant noncompliance is defined under 40 CFR 403.8 (f)(2)(vii) and 55 Federal Register 30082 as, (1) Chronic violations in which sixty-six percent or more of all of the measurements taken during a six-month period exceed by any magnitude the daily maximum limit or the average limit for the same pollutant parameter., (2) Technical Review Criteria (TRC) violations in which thirty-three percent or more of all the measurements taken during a six-month period equal or exceed the product of the daily maximum limit or the average limit times the applicable TRC (TRC = 1.4 for BOD, TSS, Fats, Oil & Grease, and 1.2 for all other pollutants except pH)., (3) Any violation of a pretreatment effluent limit which alone or in combination with other discharges is determined by the POTW to have caused interference or pass-through., (4) 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., (5) Violations of compliance schedule milestones contained in a local control mechanism or enforcement order by 90 days or more after the schedule date., (6) Failure to provide reports for compliance schedules, self-monitoring data, or categorical standards within 45 days of the due date., (7) Failure to accurately report non-compliance., (8) Any violation or group of violations that the POTW determines will adversely affect the operation or implementation of the local pretreatment program. For the purpose of this publication “Pretreatment Standards” are “any regulation containing pollutant discharge limits established by the EPA which applies to Industrial Users. This term includes prohibitive discharge limits established pursuant to Section 403.5” (Section 403.3(j)). The term “Pretreatment Requirements” means any substantive or procedural requirement related to Pretreatment, other than a National Pretreatment Standard, imposed on an Industrial User (Section 403.3(r)).

There were five industries listed as SNC during Fiscal Year 2014/15. The IEUA

found Cliffstar Corporation in Fontana and Scott Brothers Dairy in Chino to be in SNC based on TRC for Total Dissolved Solids (TDS) violations. Inland Powder Coating in Ontario was in SNC for TRC for federal monthly average zinc violation. Evolution Fresh and Western Metals Decorating both in Rancho Cucamonga were found to be in SNC for failure to provide reports on self-monitoring data within 45 days of the due date.

During Fiscal Year 2014/15 IEUA continued with its Water Softener Removal Rebate Program. Implemented in 2008, this project is part of the Agency's Salinity Reduction Program that is addressing the impacts of automatic water softeners on IEUA's recycled water. Removing self-regenerating water softeners will help lower the salinity in the recycled water and will increase the benefits for use in the groundwater recharge program to meet the goals of the Chino Basin Watermaster's, Optimum Basin Management Plan and the Santa Ana Regional Water Quality Control Board's "Max Benefit" Basin Plan. As of June 2015, over 700 residents have participated in the rebate program keeping an additional 127 tons of salt per year from entering the regional system.

The IEUA continued its "No Drugs Down the Drain" program. This is a public outreach program to alert residents living in the IEUA service area about the problems associated with flushing unused, unwanted, and expired medications down the toilet or drain and to provide them with other safe, and proper disposal choices. A brochure was developed which encourages residents to put their unused drugs in a sturdy, securely sealed container and then put it in the trash. The brochures have been placed in public areas such as libraries and City Halls.

The City of Chino pretreatment staff distributed educational and promotional materials describing the used oil recycling and Household Hazardous Waste programs, and the proper method for pesticide disposal. The City participated in a regional storm water pollution prevention program. Pollution prevention information was advertised in local newspapers. The City provides used oil recycling containers to the public and operates a Household Hazardous Waste Collection Facility. The City website has a section on Environmental Services which includes information for prospective industrial wastewater dischargers, hazardous waste, recycling, and pollution prevention.

The City of Fontana distributed informational flyers and brochures to residents at public events held throughout the community. As part of routine inspections conducted at commercial/industrial business the City provides informational items such as brochures and regulation documents. The City also promotes proper disposal of household hazardous wastes through its Household Hazardous Waste Collection Center and used oil curbside collection programs. The City additionally provides educational outreach on the Internet, local newspapers and through local access cable TV.

City of Montclair offers pretreatment information pamphlets and copies of its Sewer Municipal Code in the lobby of City Hall.

City of Ontario pretreatment staff routinely participates in public events such as the Earth Day Expo, and other public events. Information distributed included public awareness about wastewater and stormwater programs, watershed protection and pollution prevention. The City stocks brochures and posts on their Internet site methods for proper disposal of oil and grease.

City of Upland pretreatment staff participated in public events such as Public Works Day and the Upland Lemon Festival. Pretreatment, stormwater and household hazardous waste collection information was distributed to the public and area businesses. The City operates a weekly Household Hazardous Waste Collection program and distributes literature pertaining to the proper disposal of household waste to area residents.

Inland Valley Daily Bulletin

(formerly The Daily Report)
2041 E. 4th Street
Ontario, CA 91764
909-987-6397
legals@inlandnewspapers.com

(Space below for use of County Clerk Only)

**PROOF OF PUBLICATION
(2015.5 C.C.P.)**

**STATE OF CALIFORNIA
County of San Bernardino**

I am a citizen of the United States, I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principle clerk of the printer of INLAND VALLEY DAILY BULLETIN, a newspaper of general circulation printed and published daily in the City of Ontario, County of San Bernardino, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of San Bernardino, State of California, on the date of August 24, 1951, Case Number 70663. The notice, of which the annexed is a true printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

8/17/15

I declare under the penalty of perjury that the foregoing is true and correct.

Executed at Ontario, San Bernardino Co. California

This 17 day of August, 2015



Signature

**INLAND EMPIRE UTILITIES AGENCY
INDUSTRIES IN SIGNIFICANT
NON-COMPLIANCE WITH PRETREATMENT
REQUIREMENTS**

The United States Environmental Protection Agency (EPA) General Pretreatment Regulations for Existing and New Sources of Pollution, 40 CFR Part 403, require the Inland Empire Utilities Agency (IEUA) to publish on an annual basis a list of "Industrial Users which, during the previous 12 months, were significantly violating applicable Pretreatment Standards or other Pretreatment Requirements". For the purpose of this provision, significant noncompliance is defined under 40 CFR 403.8 (f) (2) (vii) and 55 Federal Register 30082 as, (1) Chronic violations in which sixty-six percent or more of all of the measurements taken during a six-month period exceed by any magnitude the daily maximum limit or the average limit for the same pollutant parameter.; (2) Technical Review Criteria (TRC) violations in which thirty-three percent or more of all the measurements taken during a six-month period equal or exceed the product of the daily maximum limit or the average limit times the applicable TRC (TRC = 1.4 for BOD, TSS, Fats, Oil & Grease, and 1.2 for all other pollutants except pH).; (3) Any violation of a pretreatment effluent limit which alone or in combination with other discharges is determined by the POTW to have caused interference or pass-through.; (4) 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.; (5) Violations of compliance schedule milestones contained in a local control mechanism or enforcement order by 90 days or more after the schedule date.; (6) Failure to provide reports for compliance schedules, self-monitoring data, or categorical standards within 45 days of the due date.; (7) Failure to accurately report non-compliance.; (8) Any violation or group of violations that the POTW determines will adversely affect the operation or implementation of the local pretreatment program. For the purpose of this publication "Pretreatment Standards" are "any regulation containing pollutant discharge limits established by the EPA which applies to Industrial Users. This term includes prohibitive discharge limits established pursuant to Section 403.5" (Section 403.3(i)). The term "Pretreatment Requirements" means any substantive or procedural requirement related to Pretreatment, other than a National Pretreatment Standard, imposed on an Industrial User (Section 403.3(r)).

The IEUA found the following industrial facilities to be significantly violating applicable Pretreatment Standards or Pretreatment Requirements during Fiscal Year 2014/15. All of these companies have been subject to IEUA's administrative enforcement procedures. Enforcement actions against these industries have been taken by the IEUA. Industries listed below may not be in violation of pretreatment requirements as of the date of this publication.

Industries with Discharge Violations
Cliffstar Corp., in Fontana
Inland Powder Coating, in Ontario
Scott Brothers Dairy, in China

Industries with Reporting Violations
Evolution Fresh, in Rancho Cucamonga
Western Metals Decorating, in Rancho Cucamonga

Published: August 17, 2015 # 70663/15

CITY OF CHINO AND INLAND EMPIRE UTILITIES AGENCY INDUSTRIES IN SIGNIFICANT NON-COMPLIANCE WITH PRETREATMENT REQUIREMENTS (678-15)

Legal Ads | Posted: Saturday, August 22, 2015 12:00 am

CITY OF CHINO AND INLAND EMPIRE UTILITIES AGENCY INDUSTRIES IN SIGNIFICANT NON-COMPLIANCE WITH PRETREATMENT REQUIREMENTS

The United States Environmental Protection Agency (EPA) General Pretreatment Regulations for Existing and New Sources of Pollution, 40 CFR Part 403, require the City of Chino and Inland Empire Utilities Agency (IEUA) to publish on an annual basis a list of "Industrial Users which, during the previous 12 months, were significantly violating applicable Pretreatment Standards or other Pretreatment Requirements". For the purpose of this provision, significant noncompliance is defined under 40 CFR 403.8 (f)(2)(vii) and 55 Federal Register 30082 as, (1) Chronic violations in which sixty-six percent or more of all of the measurements taken during a six-month period exceed by any magnitude the daily maximum limit or the average limit for the same pollutant parameter., (2) Technical Review Criteria (TRC) violations in which thirty-three percent or more of all the measurements taken during a six-month period equal or exceed the product of the daily maximum limit or the average limit times the applicable TRC (TRC = 1.4 for BOD, TSS, Fats, Oil & Grease, and 1.2 for all other pollutants except pH)., (3) Any violation of a pretreatment effluent limit which alone or in combination with other discharges is determined by the POTW to have caused interference or pass-through., (4) 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., (5) Violations of compliance schedule milestones contained in a local control mechanism or enforcement order by 90 days or more after the schedule date., (6) Failure to provide reports for compliance schedules, self-monitoring data, or categorical standards within 45 days of the due date., (7) Failure to accurately report non-compliance., (8) Any violation or group of violations that the POTW determines will adversely affect the operation or implementation of the local pretreatment program. For the purpose of this publication "Pretreatment Standards" are "any regulation containing pollutant discharge limits established by the EPA which applies to Industrial Users. This term includes prohibitive discharge limits established pursuant to Section 403.5" (Section 403.3(j)). The term "Pretreatment Requirements" means any substantive or procedural

requirement related to Pretreatment, other than a National Pretreatment Standard, imposed on an Industrial User (Section 403.3(r)).

The City of Chino and IEUA found the following industrial facilities to be significantly violating applicable Pretreatment Standards or Pretreatment Requirements during Fiscal Year 2014/15. All of these companies have been subject to the City of Chino's administrative enforcement procedures. Enforcement actions against these industries have been taken by the City. Industries listed below may not be in violation of pretreatment requirements as of the date of this publication.

Industries with Discharge Violations

Scott Bros. Dairy, in Chino

SECTION 8

BIOSOLIDS DISPOSAL

During the fiscal year 2014/15, a total of 60,355 wet tons of biosolids were transported to the Inland Empire Regional Composting Facility (IERCF) and Nursery Products in Helendale, CA. The following table lists the amount of biosolids removed from each facility during Monitoring Year 2014/15.

Table 39 - Biosolids Removal (Wet Tons)

Month	RP-1	RP-2	Total
July 2014	3,007	2,449	5,456
August 2014	2,750	1,805	4,555
September 2014	2,795	1,191	3,986
October 2014	2,928	1,740	4,668
November 2014	3,130	2,501	5,631
December 2014	3,154	2,579	5,733
January 2015	2,993	2,719	5,712
February 2015	2,581	2,711	5,292
March 2015	3,304	1,832	5,136
April 2015	3,111	1,825	4,936
May 2015	3,265	1,501	4,766
June 2015	2,580	1,904	4,484
TOTAL	35,598	24,757	60,355

Biosolids disposal is discussed in further detail in the Agency's Annual EPA Biosolids Reports for RP-1 and RP-2 submitted by February 19 of each year.

SECTION 9

PRETREATMENT PROGRAM EFFECTIVENESS

During Fiscal Year 2014/15, the pretreatment program has shown effectiveness in preventing pass through and interference at the treatment plants. Based upon the low levels of toxic pollutants in the discharges into and from the treatment plants this year, it appears the pretreatment program is effectively controlling toxic pollutant discharges from industrial sources.