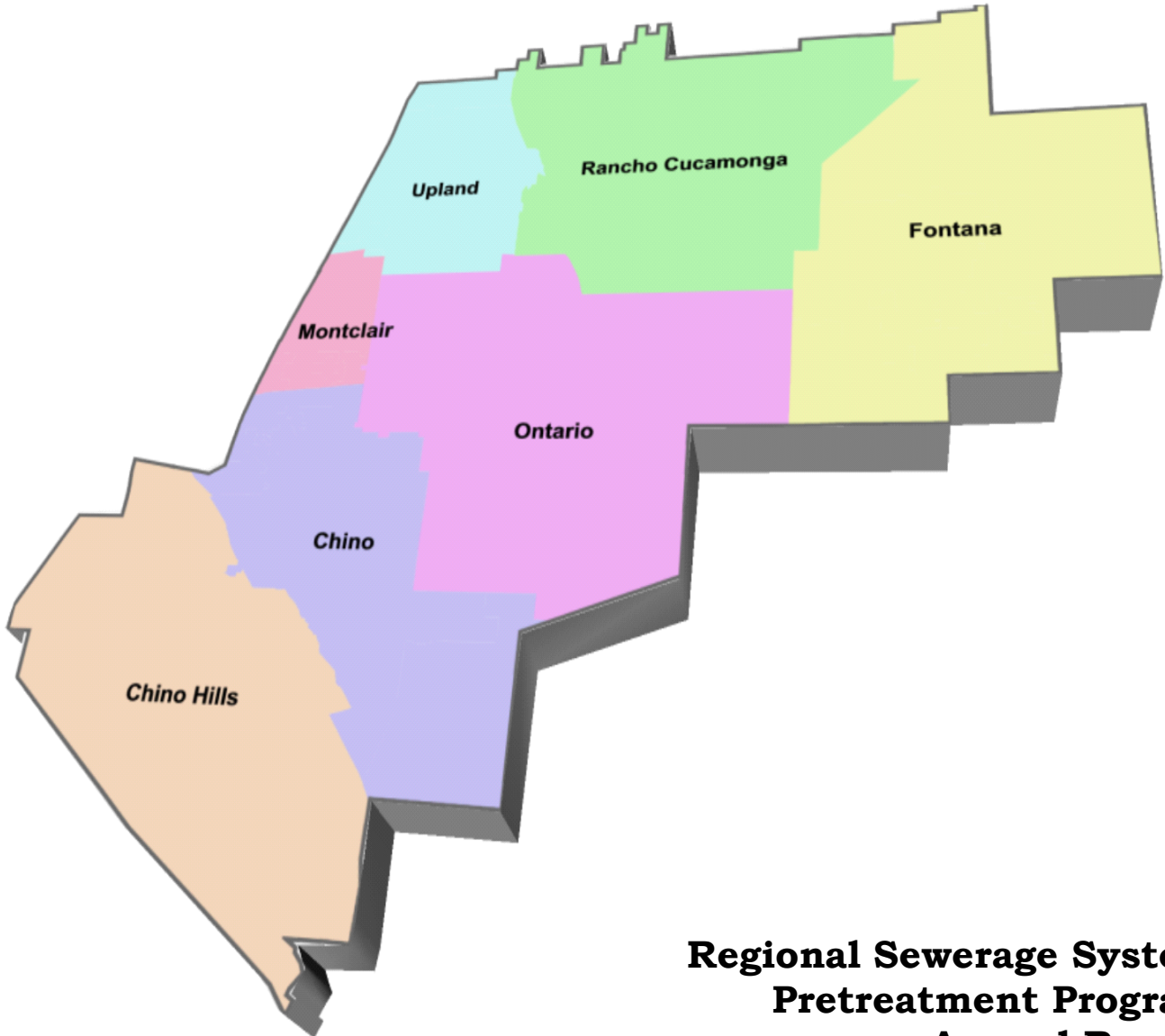




*Inland Empire Utilities Agency*

A MUNICIPAL WATER DISTRICT



**Regional Sewerage System  
Pretreatment Program  
Annual Report  
Fiscal Year 2013-2014**

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**POTW PRETREATMENT ANNUAL REPORT  
COVER SHEET**

NPDES PERMIT HOLDER: INLAND EMPIRE UTILITIES AGENCY

REPORT PERIOD: July 1, 2013 to June 30, 2014

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:

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TELEPHONE NUMBER: (909) 993-1646

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

9/30/14

Date



for Sylvie Lee, P.E.

Manager of Planning & Environmental Compliance



## 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, 2013 through June 30, 2014. This Fiscal Year 2013/14 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 53 million gallons per day. Figures on the following pages illustrate the Regional Sewerage System and Contracting Agencies' boundaries where the service is provided.

In May 2006 IEUA received approval for its regional pretreatment program in accordance with 40 CFR 403, *et seq.*, the federal pretreatment regulations. This was done to reflect the role of IEUA as the primary control authority. As part of the approval process IEUA and the contracting agencies developed a uniform format for ordinances, enforcement response plans and control mechanisms. Contractual agreements and ordinances were also updated to acknowledge IEUA's obligation to oversee the regional pretreatment program and regulate all Significant Industrial Users (SIUs).

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 comprehensive review of their SSMP every five years. During Fiscal Year 2013/14 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.

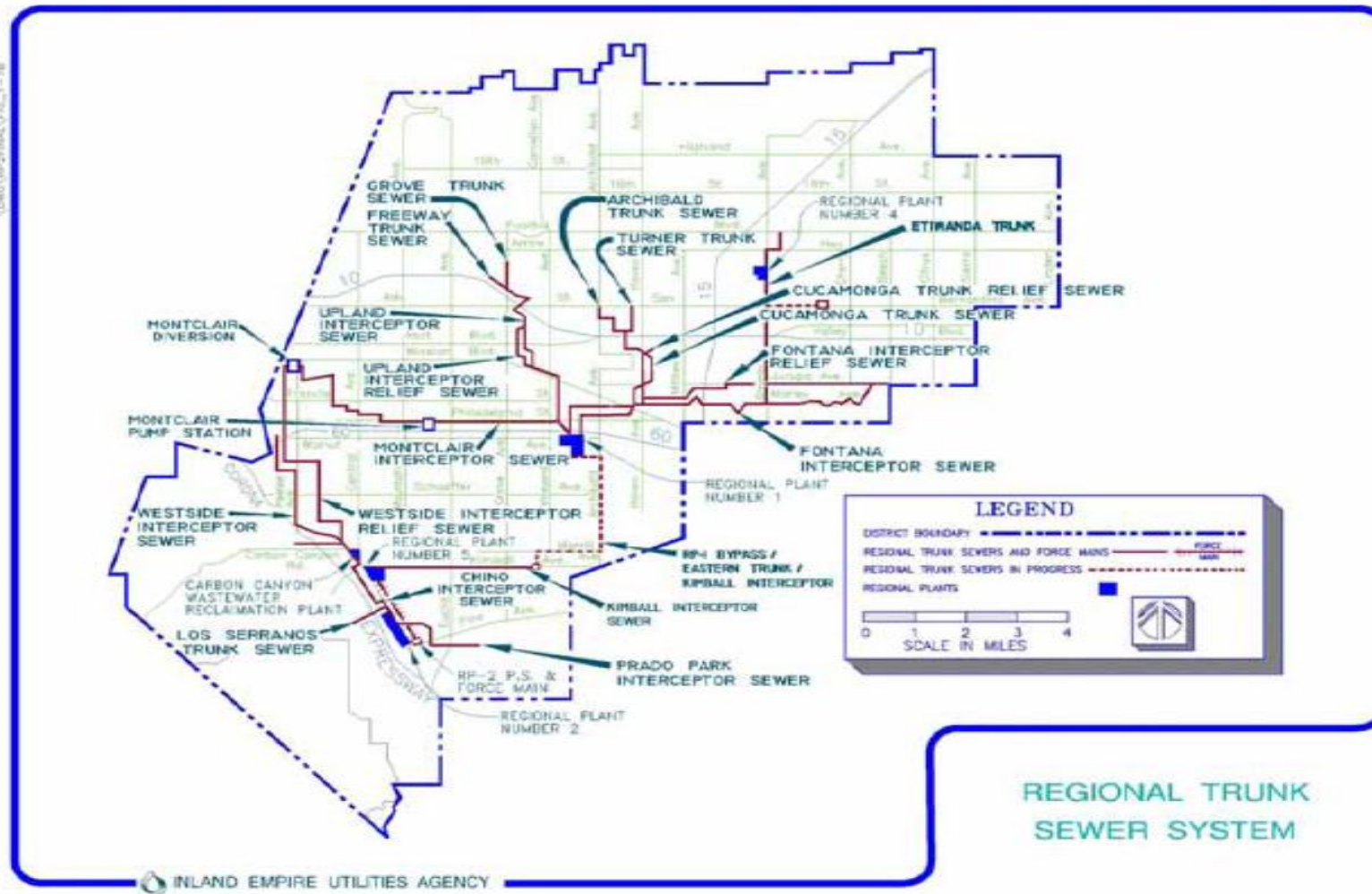
During the fiscal year IEUA continued with its Water Softener Removal Rebate Program implemented in 2008. This project is part of the Agency's Salinity Reduction Program that is addressing the impacts of automatic water softeners on IEUA's recycled water. Removing self-regenerating water softeners will 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 2013, over 650 residents have participated in the rebate program keeping an additional 117 tons of salt per year from entering the regional system.

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, 2013 to June 30, 2014. During the fiscal year there were seven industries listed as SNC for discharge and reporting violations. The IEUA found Cliffstar Corporation in Fontana to be in SNC based on TRC for Total Dissolved Solids (TDS) violations. Evolution Fresh in Rancho Cucamonga was in SNC for both Chronic and TRC for TDS violations. State Circuit Boards in Chino was found to be in SNC for both Chronic and TRC for copper violations. Inland Powder Coating and Sun Badge both in Ontario and, Printed Circuits Unlimited 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.

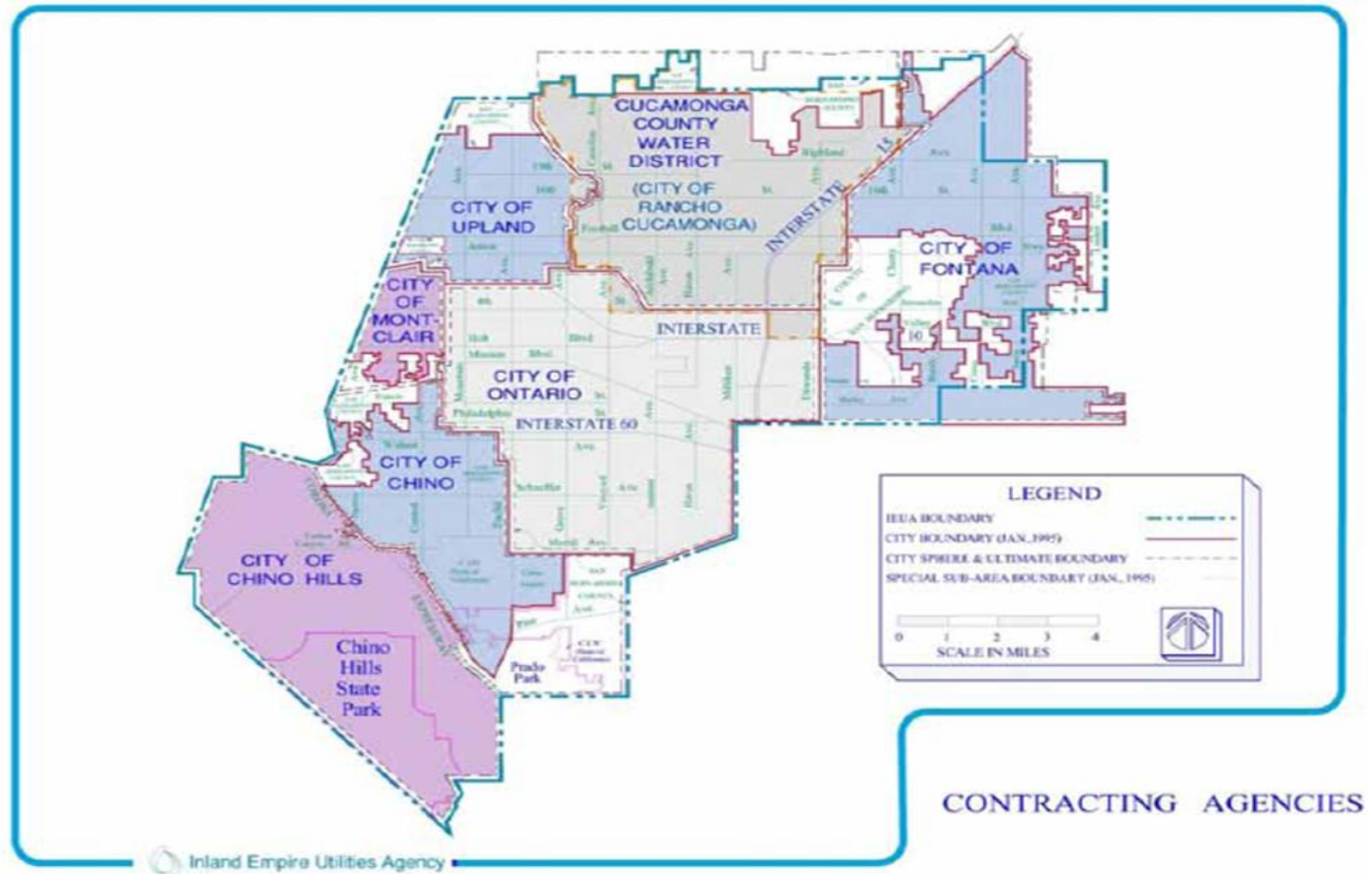
The Agency continues to see low concentrations of heavy metals and toxic organic compounds at the influent and effluent of all treatment plants. This is a result of continued efforts by IEUA and the Contracting Agencies in tracking, categorizing and regulation of industries, as well as escalation of 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 2013/14, 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.

**Figure 1 - Regional Sewer System Map**



**Figure 2 - Map of Contracting Agencies**



## **SECTION 1**

### **RESULTS OF POTW SAMPLING AND ANALYSIS**

The data presented in Tables 1 through 3 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, 2013 through June 30, 2014, 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, 2013 through June 30, 2014, 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, Bromoform, Chloroform, Chromium, Copper, Dibromochloromethane, 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, 2013 through June 30, 2014, 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 eight constituents: Bromodichloromethane, Chloroform, Chromium, Copper, Cyanide (Aquatic Free), Dibromochloromethane, Nickel, and Zinc. The sampling showed compliance with the limitations of the NPDES Permit.



**Table 1 - Fiscal Year 2013/14 Priority Pollutant Analysis, Regional Water Recycling Facility No. 1 & Regional Water Recycling Facility No. 4 - Trace Metals**

| Trace Metals & CN<br>(µg/L)  | RP-1 Influent | RP-4 Influent | RP-1 Effluent | RP-1 & RP-4<br>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    | 65            | 48            | 2.1           | 2.1                     |
| 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           | 4             | 3                       |
| Selenium, Total Recoverable  | <20           | <20           | <2            | <2                      |
| Silver, Total Recoverable    | <10           | <10           | <0.27         | <0.25                   |
| Thallium, Total Recoverable  | <50           | <50           | <1            | <1                      |
| Zinc, Total Recoverable      | 213           | 175           | 21            | 22                      |

**Table 2 - Fiscal Year 2013/14 Priority Pollutant Analysis, Regional Water Recycling Facility No. 1 & Regional Water Recycling Facility No. 4 - EPA Method 624**

| <b>Volatile Organics<br/>(EPA Method 624,<br/>µg/L)</b> | <b>RP-1 Influent<br/>M-INF 1A</b> | <b>RP-4 Influent<br/>M-INF 1B</b> | <b>RP-1 Effluent<br/>M-001B</b> | <b>RP-1 &amp; RP-4<br/>Effluent<br/>M-002A</b> |
|---|-----------------------------------|-----------------------------------|---------------------------------|--|
| 1,1,1-Trichloroethane                                   | *                                 | *                                 | *                               | *  |
| 1,1,2,2-Tetrachloroethane                               | *                                 | *                                 | *                               | *  |
| 1,1,2-Trichloroethane                                   | *                                 | *                                 | *                               | *  |
| 1,1-Dichloroethane                                      | *                                 | *                                 | *                               | *  |
| 1,1-Dichloroethene                                      | *                                 | *                                 | *                               | *  |
| 1,2-Dichlorobenzene                                     | *                                 | *                                 | *                               | *  |
| 1,2-Dichloroethane                                      | *                                 | *                                 | *                               | *  |
| 1,2-Dichloropropane                                     | *                                 | *                                 | *                               | *  |
| 1,3-Dichlorobenzene                                     | *                                 | *                                 | *                               | *  |
| 1,4-Dichlorobenzene                                     | *                                 | *                                 | *                               | *  |
| 2-Chloroethyl vinyl ether                               | *                                 | *                                 | *                               | *  |
| Benzene   | *                                 | *                                 | *                               | *  |
| Bromodichloromethane                                    | *                                 | *                                 | 30                              | 20   |
| Bromoform   | *                                 | *                                 | <1                              | <1   |
| Bromomethane  | *                                 | *                                 | *                               | *  |
| Carbon tetrachloride                                    | *                                 | *                                 | *                               | *  |
| Chlorobenzene   | *                                 | *                                 | *                               | *  |
| Chloroethane  | *                                 | *                                 | *                               | *  |
| Chloroform  | *                                 | *                                 | 89                              | 62   |
| Chloromethane   | *                                 | *                                 | *                               | *  |
| cis-1,3-Dichloropropene                                 | *                                 | *                                 | *                               | *  |
| Dibromochloromethane                                    | *                                 | *                                 | 7                               | 5  |
| Ethylbenzene  | *                                 | *                                 | *                               | *  |
| Methylene chloride                                      | *                                 | *                                 | *                               | *  |
| Tetrachloroethene                                       | *                                 | *                                 | *                               | *  |
| Toluene   | *                                 | *                                 | *                               | *  |
| trans-1,2-Dichloroethene                                | *                                 | *                                 | *                               | *  |
| trans-1,3-Dichloropropene                               | *                                 | *                                 | *                               | *  |
| Trichloroethene   | *                                 | *                                 | *                               | *  |
| Trichlorofluoromethane                                  | *                                 | *                                 | *                               | *  |
| Vinyl chloride  | *                                 | *                                 | *                               | *  |
| Acrolein  | *                                 | *                                 | *                               | *  |
| Acrylonitrile   | *                                 | *                                 | *                               | *  |

\* Annual priority pollutant sampling for EPA Method 624 conducted in April '13 and July '14



**Table 3 - Fiscal Year 2013/14 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                                  | *                      | *                      | *                    | *                           |
| 2,4,6-Trichlorophenol                                   | *                      | *                      | *                    | *                           |
| 2,4-Dichlorophenol                                      | *                      | *                      | *                    | *                           |
| 2,4-Dimethylphenol                                      | *                      | *                      | *                    | *                           |
| 2,4-Dinitrophenol                                       | *                      | *                      | *                    | *                           |
| 2,4-Dinitrotoluene                                      | *                      | *                      | *                    | *                           |
| 2,6-Dinitrotoluene                                      | *                      | *                      | *                    | *                           |
| 2-Chloronaphthalene                                     | *                      | *                      | *                    | *                           |
| 2-Chlorophenol  | *                      | *                      | *                    | *                           |
| 2-Methyl-4,6-dinitrophenol                              | *                      | *                      | *                    | *                           |
| 2-Nitrophenol   | *                      | *                      | *                    | *                           |
| 3,3-Dichlorobenzidine                                   | *                      | *                      | *                    | *                           |
| 4-Bromophenyl phenyl ether                              | *                      | *                      | *                    | *                           |
| 4-Chloro-3-methylphenol                                 | *                      | *                      | *                    | *                           |
| 4-Chlorophenyl phenyl ether                             | *                      | *                      | *                    | *                           |
| 4-Nitrophenol   | *                      | *                      | *                    | *                           |
| Acenaphthene  | *                      | *                      | *                    | *                           |
| Acenaphthylene  | *                      | *                      | *                    | *                           |
| Anthracene  | *                      | *                      | *                    | *                           |
| Azobenzene  | *                      | *                      | *                    | *                           |
| Benzidine   | *                      | *                      | *                    | *                           |
| Benzo(a)anthracene                                      | *                      | *                      | *                    | *                           |
| Benzo(a)pyrene  | *                      | *                      | *                    | *                           |
| Benzo(b)fluoranthene                                    | *                      | *                      | *                    | *                           |
| Benzo(g,h,i)perylene                                    | *                      | *                      | *                    | *                           |
| Benzo(k)fluoranthene                                    | *                      | *                      | *                    | *                           |
| Bis(2-chloroethoxy)methane                              | *                      | *                      | *                    | *                           |
| Bis(2-chloroethyl)ether                                 | *                      | *                      | *                    | *                           |
| Bis(2-chloroisopropyl)ether                             | *                      | *                      | *                    | *                           |
| Bis(2-ethylhexyl)phthalate                              | <10                    | <10                    | <2                   | <2                          |
| Butyl benzyl phthalate                                  | <5                     | <5                     | *                    | *                           |
| Chrysene  | *                      | *                      | *                    | *                           |
| Dibenzo(a,h)anthracene                                  | *                      | *                      | *                    | *                           |
| Diethyl phthalate                                       | <10                    | <10                    | *                    | *                           |
| Dimethyl phthalate                                      | *                      | *                      | *                    | *                           |
| Di-n-butyl phthalate                                    | *                      | *                      | *                    | *                           |
| Di-n-octyl phthalate                                    | *                      | *                      | *                    | *                           |
| Fluoranthene  | *                      | *                      | *                    | *                           |
| Fluorene  | *                      | *                      | *                    | *                           |

**Table 3 - Fiscal Year 2013/14 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                                       | *                      | *                      | *                    | *                           |
| Hexachlorobutadiene                                     | *                      | *                      | *                    | *                           |
| Hexachlorocyclopentadiene                               | *                      | *                      | *                    | *                           |
| Hexachloroethane  | *                      | *                      | *                    | *                           |
| Indeno(1,2,3-cd)pyrene                                  | *                      | *                      | *                    | *                           |
| Isophorone  | *                      | *                      | *                    | *                           |
| Naphthalene   | *                      | *                      | *                    | *                           |
| Nitrobenzene  | *                      | *                      | *                    | *                           |
| N-Nitrosodimethylamine                                  | *                      | *                      | *                    | *                           |
| N-Nitroso-di-n-propylamine                              | *                      | *                      | *                    | *                           |
| N-Nitrosodiphenylamine                                  | *                      | *                      | *                    | *                           |
| Pentachlorophenol                                       | *                      | *                      | *                    | *                           |
| Phenanthrene  | *                      | *                      | *                    | *                           |
| Phenol  | *                      | *                      | *                    | *                           |
| Pyrene  | *                      | *                      | *                    | *                           |

\* Annual priority pollutant sampling for EPA Method 625 conducted in April '13 and July '14

**Table 4 - Fiscal Year 2013/14 Priority Pollutants Analysis, Regional Water Recycling Plant No. 1 & Regional Water Recycling Plant No. 4 - EPA Method 608**

| Pesticides (µg/L)  | RP-1 Influent<br>M-INF 1A | RP-4 Influent<br>M-INF 1B | RP-1 Effluent<br>M-001B | RP-1 & RP-4<br>Effluent<br>M-002A |
|--------------------|---------------------------|---------------------------|-------------------------|-----------------------------------|
| p,p'-DDD           | *                         | *                         | *                       | *                                 |
| p,p'-DDE           | *                         | *                         | *                       | *                                 |
| p,p'-DDT           | *                         | *                         | *                       | *                                 |
| Aldrin             | *                         | *                         | *                       | *                                 |
| BHC, alpha isomer  | *                         | *                         | *                       | *                                 |
| BHC, beta isomer   | *                         | *                         | *                       | *                                 |
| BHC, delta isomer  | *                         | *                         | *                       | *                                 |
| Dieldrin           | *                         | *                         | *                       | *                                 |
| Endosulfan I       | *                         | *                         | *                       | *                                 |
| Endosulfan II      | *                         | *                         | *                       | *                                 |
| Endosulfan Sulfate | *                         | *                         | *                       | *                                 |
| Endrin             | *                         | *                         | *                       | *                                 |
| Endrin Aldehyde    | *                         | *                         | *                       | *                                 |
| BHC, gamma isomer  | *                         | *                         | *                       | *                                 |
| Heptachlor         | *                         | *                         | *                       | *                                 |
| Heptachlor epoxide | *                         | *                         | *                       | *                                 |
| Chlordane          | *                         | *                         | *                       | *                                 |
| Aroclor 1016       | *                         | *                         | *                       | *                                 |
| Aroclor 1221       | *                         | *                         | *                       | *                                 |
| Aroclor 1232       | *                         | *                         | *                       | *                                 |
| Aroclor 1242       | *                         | *                         | *                       | *                                 |
| Aroclor 1248       | *                         | *                         | *                       | *                                 |
| Aroclor 1254       | *                         | *                         | *                       | *                                 |
| Aroclor 1260       | *                         | *                         | *                       | *                                 |
| Toxaphene          | *                         | *                         | *                       | *                                 |

\* Annual priority pollutant sampling for EPA Method 608 conducted in April '13 and July '14

**Table 5 - Fiscal Year 2013/14 Priority Pollutants Analysis, Carbon Canyon Water Recycling Facility - Trace Metals**

| <b>Trace Metals &amp; CN<br/>(µg/L)</b> | <b>CCWRF Influent<br/>M-INF 4</b> | <b>CCWRF Effluent<br/>M-004</b> |
|---|-----------------------------------|---------------------------------|
| 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                               | 1.0                             |
| Copper, Total Recoverable               | 58                                | 6.2                             |
| 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                               | <0.25                           |
| Thallium, Total Recoverable             | <50                               | <1                              |
| Zinc, Total Recoverable                 | 183                               | 34                              |

**Table 6 - Fiscal Year 2013/14 Priority Pollutants Analysis, Carbon Canyon Water Recycling Facility - EPA Method 624**

| <b>Volatile Organics<br/>(EPA Method 624,<br/>µg/L)</b> | <b>CCWRF Influent<br/>M-INF 4</b> | <b>CCWRF Effluent<br/>M-004</b> |
|---|-----------------------------------|---------------------------------|
| 1,1,1-Trichloroethane                                   | *                                 | *                               |
| 1,1,2,2-Tetrachloroethane                               | *                                 | *                               |
| 1,1,2-Trichloroethane                                   | *                                 | *                               |
| 1,1-Dichloroethane                                      | *                                 | *                               |
| 1,1-Dichloroethene                                      | *                                 | *                               |
| 1,2-Dichlorobenzene                                     | *                                 | *                               |
| 1,2-Dichloroethane                                      | *                                 | *                               |
| 1,2-Dichloropropane                                     | *                                 | *                               |
| 1,3-Dichlorobenzene                                     | *                                 | *                               |
| 1,4-Dichlorobenzene                                     | *                                 | *                               |
| 2-Chloroethyl vinyl ether                               | *                                 | *                               |
| Benzene   | *                                 | *                               |
| Bromodichloromethane                                    | *                                 | 43                              |
| Bromoform   | *                                 | 11                              |
| Bromomethane  | *                                 | *                               |
| Carbon tetrachloride                                    | *                                 | *                               |
| Chlorobenzene   | *                                 | *                               |
| Chloroethane  | *                                 | *                               |
| Chloroform  | *                                 | 29                              |
| Chloromethane   | *                                 | *                               |
| cis-1,3-Dichloropropene                                 | *                                 | *                               |
| Dibromochloromethane                                    | *                                 | 44                              |
| Ethylbenzene  | *                                 | *                               |
| Methylene chloride                                      | *                                 | *                               |
| Tetrachloroethene                                       | *                                 | *                               |
| Toluene   | *                                 | *                               |
| trans-1,2-Dichloroethene                                | *                                 | *                               |
| trans-1,3-Dichloropropene                               | *                                 | *                               |
| Trichloroethene   | *                                 | *                               |
| Trichlorofluoromethane                                  | *                                 | *                               |
| Vinyl chloride  | *                                 | *                               |
| Acrolein  | *                                 | *                               |
| Acrollynitrile  | *                                 | *                               |

\* Annual priority pollutant sampling for EPA Method 624 conducted in April '13 and July '14

**Table 7 - Fiscal Year 2013/14 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                                  | *                      | *                    |
| 2,4,6-Trichlorophenol                                   | *                      | *                    |
| 2,4-Dichlorophenol                                      | *                      | *                    |
| 2,4-Dimethylphenol                                      | *                      | *                    |
| 2,4-Dinitrophenol                                       | *                      | *                    |
| 2,4-Dinitrotoluene                                      | *                      | *                    |
| 2,6-Dinitrotoluene                                      | *                      | *                    |
| 2-Chloronaphthalene                                     | *                      | *                    |
| 2-Chlorophenol  | *                      | *                    |
| 2-Methyl-4,6-dinitrophenol                              | *                      | *                    |
| 2-Nitrophenol   | *                      | *                    |
| 3,3-Dichlorobenzidine                                   | *                      | *                    |
| 4-Bromophenyl phenyl ether                              | *                      | *                    |
| 4-Chloro-3-methylphenol                                 | *                      | *                    |
| 4-Chlorophenyl phenyl ether                             | *                      | *                    |
| 4-Nitrophenol   | *                      | *                    |
| Acenaphthene  | *                      | *                    |
| Acenaphthylene  | *                      | *                    |
| Anthracene  | *                      | *                    |
| Azobenzene  | *                      | *                    |
| Benzidine   | *                      | *                    |
| Benzo(a)anthracene                                      | *                      | *                    |
| Benzo(a)pyrene  | *                      | *                    |
| Benzo(b)fluoranthene                                    | *                      | *                    |
| Benzo(g,h,i)perylene                                    | *                      | *                    |
| Benzo(k)fluoranthene                                    | *                      | *                    |
| Bis(2-chloroethoxy)methane                              | *                      | *                    |
| Bis(2-chloroethyl)ether                                 | *                      | *                    |
| Bis(2-chloroisopropyl)ether                             | *                      | *                    |
| Bis(2-ethylhexyl)phthalate                              | *                      | *                    |
| Butyl benzyl phthalate                                  | *                      | *                    |
| Chrysene  | *                      | *                    |
| Dibenzo(a,h)anthracene                                  | *                      | *                    |
| Diethyl phthalate                                       | <5                     | *                    |
| Dimethyl phthalate                                      | *                      | *                    |
| Di-n-butyl phthalate                                    | <10                    | *                    |
| Di-n-octyl phthalate                                    | *                      | *                    |
| Fluoranthene  | *                      | *                    |
| Fluorene  | *                      | *                    |

**Table 7 - Fiscal Year 2013/14 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                                       | *                      | *                    |
| Hexachlorobutadiene                                     | *                      | *                    |
| Hexachlorocyclopentadiene                               | *                      | *                    |
| Hexachloroethane  | *                      | *                    |
| Indeno(1,2,3-cd)pyrene                                  | *                      | *                    |
| Isophorone  | *                      | *                    |
| Naphthalene   | *                      | *                    |
| Nitrobenzene  | *                      | *                    |
| N-Nitrosodimethylamine                                  | *                      | *                    |
| N-Nitroso-di-n-propylamine                              | *                      | *                    |
| N-Nitrosodiphenylamine                                  | *                      | *                    |
| Pentachlorophenol                                       | *                      | *                    |
| Phenanthrene  | *                      | *                    |
| Phenol  | *                      | *                    |
| Pyrene  | *                      | *                    |

\* Annual priority pollutant sampling for EPA Method 625 conducted in April '13 and July '14

**Table 8 - Fiscal Year 2013/14 Priority Pollutants Analysis, Carbon Canyon Water Recycling Facility - EPA Method 608**

| Pesticides (µg/L)       | CCWRF Influent<br>M-INF 4 | CCWRF Effluent<br>M-004 |
|-------------------------|---------------------------|-------------------------|
| p,p'-DDD                | *                         | *                       |
| p,p'-DDE                | *                         | *                       |
| p,p'-DDT                | *                         | *                       |
| Aldrin                  | *                         | *                       |
| BHC, alpha isomer       | *                         | *                       |
| BHC, beta isomer        | *                         | *                       |
| BHC, delta isomer       | *                         | *                       |
| Dieldrin                | *                         | *                       |
| Endosulfan I            | *                         | *                       |
| Endosulfan II           | *                         | *                       |
| Endosulfan Sulfate      | *                         | *                       |
| Endrin                  | *                         | *                       |
| Endrin Aldehyde         | *                         | *                       |
| BHC, gamma<br>(Lindane) | *                         | *                       |
| Heptachlor              | *                         | *                       |
| Heptachlor epoxide      | *                         | *                       |
| Chlordane               | *                         | *                       |
| Aroclor 1016            | *                         | *                       |
| Aroclor 1221            | *                         | *                       |
| Aroclor 1232            | *                         | *                       |
| Aroclor 1242            | *                         | *                       |
| Aroclor 1248            | *                         | *                       |
| Aroclor 1254            | *                         | *                       |
| Aroclor 1260            | *                         | *                       |
| Toxaphene               | *                         | *                       |

\* Annual priority pollutant sampling for EPA Method 608 conducted in April '13 and July '14



**Table 9 - Fiscal Year 2013/14 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5**

| <b>Trace Metals &amp; CN<br/>(µg/L)</b> | <b>RP-5 Influent<br/>M-INF 3B</b> | <b>RP-2 Recycle Flow<br/>M-INF 3C</b> | <b>RP-2 Lift Station<br/>M-INF 3D</b> | <b>RP-5 Effluent<br/>M-003</b> |
|---|-----------------------------------|---------------------------------------|---------------------------------------|--------------------------------|
| 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                                   | <0.25                          |
| Chromium, Total Recoverable             | <10                               | <10                                   | <10                                   | 1.0                            |
| Copper, Total Recoverable               | 55                                | 60                                    | 53                                    | 6.7                            |
| Cyanide, Aquatic Free                   | <2                                | 3                                     | 3                                     | <2                             |
| Lead, Total Recoverable                 | <20                               | <20                                   | <20                                   | <0.5                           |
| Mercury, Total Recoverable              | <0.5                              | <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                 | 135                               | 140                                   | 125                                   | 39                             |

**Table 10 - Fiscal Year 2013/14 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5 – EPA Method 624**

| <b>Volatile Organics<br/>(EPA Method 624,<br/>µg/L)</b> | <b>RP-5 Influent<br/>M-INF 3B</b> | <b>RP-2 Recycle Flow<br/>M-INF 3C</b> | <b>RP-2 Lift Station<br/>M-INF 3D</b> | <b>RP-5 Effluent<br/>M-003</b> |
|---|-----------------------------------|---------------------------------------|---------------------------------------|--------------------------------|
| 1,1,1-Trichloroethane                                   | *                                 | *                                     | *                                     | *                              |
| 1,1,2,2-Tetrachloroethane                               | *                                 | *                                     | *                                     | *                              |
| 1,1,2-Trichloroethane                                   | *                                 | *                                     | *                                     | *                              |
| 1,1-Dichloroethane                                      | *                                 | *                                     | *                                     | *                              |
| 1,1-Dichloroethene                                      | *                                 | *                                     | *                                     | *                              |
| 1,2-Dichlorobenzene                                     | *                                 | *                                     | *                                     | *                              |
| 1,2-Dichloroethane                                      | *                                 | *                                     | *                                     | *                              |
| 1,2-Dichloropropane                                     | *                                 | *                                     | *                                     | *                              |
| 1,3-Dichlorobenzene                                     | *                                 | *                                     | *                                     | *                              |
| 1,4-Dichlorobenzene                                     | *                                 | *                                     | *                                     | *                              |
| 2-Chloroethyl vinyl ether                               | *                                 | *                                     | *                                     | *                              |
| Benzene   | *                                 | *                                     | *                                     | *                              |
| Bromodichloromethane                                    | *                                 | *                                     | *                                     | 25                             |
| Bromoform   | *                                 | *                                     | *                                     | <1                             |
| Bromomethane  | *                                 | *                                     | *                                     | *                              |
| Carbon tetrachloride                                    | *                                 | *                                     | *                                     | *                              |
| Chlorobenzene   | *                                 | *                                     | *                                     | *                              |
| Chloroethane  | *                                 | *                                     | *                                     | *                              |
| Chloroform  | *                                 | *                                     | *                                     | 40                             |
| Chloromethane   | *                                 | *                                     | *                                     | *                              |
| cis-1,3-Dichloropropene                                 | *                                 | *                                     | *                                     | *                              |
| Dibromochloromethane                                    | *                                 | *                                     | *                                     | 11                             |
| Ethylbenzene  | *                                 | *                                     | *                                     | *                              |
| Methylene chloride                                      | *                                 | *                                     | *                                     | *                              |

**Table 10 - Fiscal Year 2013/14 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5 – EPA Method 624**

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

\* Annual priority pollutant sampling for EPA Method 624 conducted in April '13 and July '14

**Table 11 - Fiscal Year 2013/14 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                                  | *                      | *                          | *                          | *                   |
| 2,4,6-Trichlorophenol                                   | *                      | *                          | *                          | *                   |
| 2,4-Dichlorophenol                                      | *                      | *                          | *                          | *                   |
| 2,4-Dimethylphenol                                      | *                      | *                          | *                          | *                   |
| 2,4-Dinitrophenol                                       | *                      | *                          | *                          | *                   |
| 2,4-Dinitrotoluene                                      | *                      | *                          | *                          | *                   |
| 2,6-Dinitrotoluene                                      | *                      | *                          | *                          | *                   |
| 2-Chloronaphthalene                                     | *                      | *                          | *                          | *                   |
| 2-Chlorophenol  | *                      | *                          | *                          | *                   |
| 2-Methyl-4,6-dinitrophenol                              | *                      | *                          | *                          | *                   |
| 2-Nitrophenol   | *                      | *                          | *                          | *                   |
| 3,3-Dichlorobenzidine                                   | *                      | *                          | *                          | *                   |
| 4-Bromophenyl phenyl ether                              | *                      | *                          | *                          | *                   |
| 4-Chloro-3-methylphenol                                 | *                      | *                          | *                          | *                   |
| 4-Chlorophenyl phenyl ether                             | *                      | *                          | *                          | *                   |
| 4-Nitrophenol   | *                      | *                          | *                          | *                   |
| Acenaphthene  | *                      | *                          | *                          | *                   |
| Acenaphthylene  | *                      | *                          | *                          | *                   |
| Anthracene  | *                      | *                          | *                          | *                   |
| Azobenzene  | *                      | *                          | *                          | *                   |
| Benzidine   | *                      | *                          | *                          | *                   |
| Benzo(a)anthracene                                      | *                      | *                          | *                          | *                   |
| Benzo(a)pyrene  | *                      | *                          | *                          | *                   |
| Benzo(b)fluoranthene                                    | *                      | *                          | *                          | *                   |
| Benzo(g,h,i)perylene                                    | *                      | *                          | *                          | *                   |

**Table 11 - Fiscal Year 2013/14 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                                    | *                      | *                          | *                          | *                   |
| Bis(2-chloroethoxy)methane                              | *                      | *                          | *                          | *                   |
| Bis(2-chloroethyl)ether                                 | *                      | *                          | *                          | *                   |
| Bis(2-chloroisopropyl)ether                             | *                      | *                          | *                          | *                   |
| Bis(2-ethylhexyl)phthalate                              | <10                    | <10                        | <10                        | <2                  |
| Butyl benzyl phthalate                                  | <5                     | <5                         | <5                         | *                   |
| Chrysene  | *                      | *                          | *                          | *                   |
| Dibenzo(a,h)anthracene                                  | *                      | *                          | *                          | *                   |
| Diethyl phthalate                                       | <10                    | <10                        | <10                        | *                   |
| Dimethyl phthalate                                      | *                      | *                          | *                          | *                   |
| Di-n-butyl phthalate                                    | *                      | *                          | *                          | *                   |
| Di-n-octyl phthalate                                    | *                      | *                          | *                          | *                   |
| Fluoranthene  | *                      | *                          | *                          | *                   |
| Fluorene  | *                      | *                          | *                          | *                   |
| Hexachlorobenzene                                       | *                      | *                          | *                          | *                   |
| Hexachlorobutadiene                                     | *                      | *                          | *                          | *                   |
| Hexachlorocyclopentadiene                               | *                      | *                          | *                          | *                   |
| Hexachloroethane  | *                      | *                          | *                          | *                   |
| Indeno(1,2,3-cd)pyrene                                  | *                      | *                          | *                          | *                   |
| Isophorone  | *                      | *                          | *                          | *                   |
| Naphthalene   | *                      | *                          | *                          | *                   |
| Nitrobenzene  | *                      | *                          | *                          | *                   |
| N-Nitrosodimethylamine                                  | *                      | *                          | *                          | *                   |
| N-Nitroso-di-n-propylamine                              | *                      | *                          | *                          | *                   |
| N-Nitrosodiphenylamine                                  | *                      | *                          | *                          | *                   |
| Pentachlorophenol                                       | *                      | *                          | *                          | *                   |

**Table 11 - Fiscal Year 2013/14 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  | *                      | *                          | *                          | *                   |
| Phenol  | *                      | *                          | *                          | *                   |
| Pyrene  | *                      | *                          | *                          | *                   |

\* Annual priority pollutant sampling for EPA Method 625 conducted in April '13 and July '14

**Table 12 - Fiscal Year 2013/14 Priority Pollutants Analysis, Regional Water Recycling Plant No. 5 - EPA Method 608**

| Pesticides (µg/L)    | RP-5 Influent<br>M-INF 3B | RP-2 Recycle Flow<br>M-INF 3C | RP-2 Lift Station<br>M-INF 3D | RP-5 Effluent<br>M-003 |
|----------------------|---------------------------|-------------------------------|-------------------------------|------------------------|
| p,p'-DDD             | *                         | *                             | *                             | *                      |
| p,p'-DDE             | *                         | *                             | *                             | *                      |
| p,p'-DDT             | *                         | *                             | *                             | *                      |
| Aldrin               | *                         | *                             | *                             | *                      |
| BHC, alpha isomer    | *                         | *                             | *                             | *                      |
| BHC, beta isomer     | *                         | *                             | *                             | *                      |
| BHC, delta isomer    | *                         | *                             | *                             | *                      |
| Dieldrin             | *                         | *                             | *                             | *                      |
| Endosulfan I         | *                         | *                             | *                             | *                      |
| Endosulfan II        | *                         | *                             | *                             | *                      |
| Endosulfan Sulfate   | *                         | *                             | *                             | *                      |
| Endrin               | *                         | *                             | *                             | *                      |
| Endrin Aldehyde      | *                         | *                             | *                             | *                      |
| BHC, gamma (Lindane) | *                         | *                             | *                             | *                      |
| Heptachlor           | *                         | *                             | *                             | *                      |
| Heptachlor epoxide   | *                         | *                             | *                             | *                      |
| Chlordane            | *                         | *                             | *                             | *                      |
| Aroclor 1016         | *                         | *                             | *                             | *                      |
| Aroclor 1221         | *                         | *                             | *                             | *                      |
| Aroclor 1232         | *                         | *                             | *                             | *                      |
| Aroclor 1242         | *                         | *                             | *                             | *                      |
| Aroclor 1248         | *                         | *                             | *                             | *                      |
| Aroclor 1254         | *                         | *                             | *                             | *                      |
| Aroclor 1260         | *                         | *                             | *                             | *                      |
| Toxaphene            | *                         | *                             | *                             | *                      |

\* Annual priority pollutant sampling for EPA Method 608 conducted in April '13 and July '14

## **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 2013/14:

#### **Water Recycling Facilities**

During Monitoring Year 2013/14, Regional Water Recycling Facilities were in compliance with all NPDES permit limits. Four chronic toxicity – reproduction tests (one for M-001A and three for M-002A) of greater than 1.0 TUc were reported during the monitoring year.

#### **Water Supply**

During Monitoring Year 2013/14, 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 2013/14 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. The Local Limits, implemented July 2006, are applicable to all Significant Industrial Users. The Local Limits contain 9 Pollutants of Concern.

Originally, the Exhibit "A" monitoring was created to monitor the quality of wastewater effluent from the RCAs collection systems to assess the overall effectiveness of the individual Pretreatment Programs. Since IEUA did not have purview to issue wastewater discharge permits to SIUs within the RCAs jurisdictions, IEUA established and enforced the Exhibit "A" sewer trunk line limits on the RCAs to protect the treatment plants and to maintain compliance with the NPDES permits. After the RWQCB approved IEUA's Pretreatment Program, this situation changed. Instead of having multiple Pretreatment Programs, only one Pretreatment Program is being administered with IEUA serving as the Control Authority with responsibility for all SIU dischargers.

Since July 2006, IEUA regulated the RCAs discharging to their collection, treatment, and disposal systems by setting Point of Connection (PtOC) standards and monitoring each RCA for compliance. In conjunction with the local limits, IEUA developed a concept to use maximum allowable headwork loadings calculations to develop the PtOC standards rather than limits. Results from samples collected at the PtOC were used to monitor, trend, and compare to the PtOC standards. If PtOC monitoring results began to trend up or down from normal condition, IEUA requested the RCA to investigate why there was a change. If there was an eminent threat to the treatment plant, IEUA would contact the RCA for immediate assistance and investigate the problem.

As a result of this change, in June 2009 IEUA discontinued the Exhibit "A" sampling. 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 will 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. As the

water recycling plants have remained in compliance with the NPDES permits, IEUA did not resume the Exhibit "A" sampling program during FY 2013/14.

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**

**2013/2014 PRETREATMENT ANNUAL REPORT**

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**City of Chino**

DENNIS R. YATES  
Mayor

GLENN DUNCAN  
Mayor Pro Tem



EARL C. ELROD  
TOM HAUGHEY  
EUNICE M. ULLOA  
Council Members

MATTHEW C. BALLANTYNE  
City Manager

## CITY of CHINO

September 8, 2014

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

Dear Mr. Proctor:

Subject: 2013/2014 Pretreatment Program Annual Report

Enclosed is the City of Chino's Pretreatment Program Annual Report for the period between July 1, 2013 and June 30, 2014.

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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**TABLE 1**

**LIST OF SIGNIFICANT AND CATEGORICAL INDUSTRIAL USERS  
AND APPLICABLE PRETREATMENT STANDARDS**

**REPORTING PERIOD: JULY 1, 2013 TO JUNE 30, 2014**

**AGENCY: CITY OF CHINO**

| <b>PERMIT NUMBER</b> | <b>INDUSTRIAL USER NAME AND ADDRESS</b>                            | <b>ADDITION/DELETION AND REASON</b> | <b>APPLICABLE FEDERAL CATEGORY AND STANDARD</b>  | <b>LOCAL LIMITS MORE STRINGENT THAN FEDERAL</b>                             |
|----------------------|--|-------------------------------------|--|---|
| 1095                 | American Beef Packers<br>13677 Yorba Avenue<br>Chino, CA 91710     | N/A                                 | Although Meat Products 40 CFR 432 applies, no categorical discharge limits are published.                                | Not Applicable.   |
| 1093                 | Wing Lee Farms<br>13625 Yorba Ave.<br>Chino, CA 91710              | N/A                                 | Although Meat Products 40 CFR 432 applies, no categorical discharge limits are published.                                | Not Applicable  |
| 1010                 | Scott Brothers Dairy<br>12000 East End Avenue<br>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.<br>13921 Oaks Avenue<br>Chino, CA 91710 | N/A                                 | Metal Finishing<br>40 CFR Part 433.17  | No, Federal daily max limits and monthly average limits are more stringent. |
| 1026                 | Envision Plastics<br>14312 Central Avenue<br>Chino, CA 91710       | N/A                                 | Although 40 CFR 463.16 and 463.26 apply, no categorical discharge limits are published.                                  | Not Applicable.   |

**TABLE 2**

**SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS**

REPORTING PERIOD: JULY 1, 2013 TO JUNE 30, 2014

**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<br>14312 Central Avenue<br>Chino, CA 91710         | Flow equalization, Dissolved Air Flotation, Solids Dewatering                            | 0                       | 4      | Not Required        | 2                               |
| 1095          | American Beef Packers, Inc.<br>13677 Yorba Avenue<br>Chino, CA 91710 | Flow Equalization, Filtration, Clarification, Dissolved Air Flotation and Source Control | 0                       | 4      | Not Required        | 2                               |
| 1093          | Wing Lee Farms<br>13625 Yorba Avenue<br>Chino, CA 91710              | Clarification  | 0                       | 4      | Not Required        | 2                               |
| 1010          | Scott Brothers Dairy<br>12000 East End Avenue<br>Chino, CA 91710     | Dissolved Air Flotation, Solids Dewatering, pH adjustment, flow equalization             | 0                       | 4      | Not Required        | 2                               |
| 1002          | State Circuit Boards, Inc.<br>13921 Oaks Avenue<br>Chino, CA 91710   | Source Control, filtration (DE filter)   | 0                       | 11     | Yes                 | 2                               |

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



**TABLE 3**

**SIGNIFICANT INDUSTRIAL USER VIOLATIONS AND APPLICABLE ENFORCEMENT ACTIONS**  
**REPORTING PERIOD: JULY 1, 2013 TO JUNE 30, 2014**

**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<br>13921 Oaks Ave.<br>Chino, CA 91710           | Copper             | None  | Yes        | <p><b>11-19-13</b> Notice of Non-Compliance for exceeding copper limit on 10-22-13 and increased copper monitoring.</p> <p><b>1-20-14</b> Notice of Non-Compliance for exceeding copper limit on 12-4-13 and increased copper monitoring.</p> <p><b>2-7-14</b> Notice of Violation for allowing outside metal finishing company to utilize facility without obtaining approval during the month of December.</p> <p><b>6-30-14</b> State Circuit Boards will be published as SNC due to the copper violations in FY 13/14.</p> | N/A             | 0                         |
| 1026          | Envision Plastics<br>14312 Central Ave.<br>Chino, CA 91710           | None               | None  | No         | No enforcement taken FY 13-14  | N/A             | 0                         |
| 1010          | Scott Bros. Dairy<br>1200 East End Ave.<br>Chino, CA 91710           | None               | None  | No         | No enforcement taken FY 13-14  | N/A             | 0                         |
| 1095          | American Beef Packers, Inc.<br>13677 Yorba Avenue<br>Chino, Ca 91710 | None               | None  | No         | A Notice of Non-Compliance was issued for exceeding the Maximum Daily Discharge Flow limit on March 1 <sup>st</sup> and 3 <sup>rd</sup> .  | N/A             | 0                         |

**TABLE 3****SIGNIFICANT INDUSTRIAL USER VIOLATIONS AND APPLICABLE ENFORCEMENT ACTIONS**  
**REPORTING PERIOD: JULY 1, 2013 TO JUNE 30, 2014**

| 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<br>13625 Yorba Avenue<br>Chino, Ca 91710 | None               | None  | No         | No enforcement taken FY 13-14                    | N/A             | 0                         |

**TABLE 4**

**COMPLIANCE SUMMARY OF SIGNIFICANT AND CATEGORICAL INDUSTRIAL USERS**

**REPORTING PERIOD: JULY 1, 2013 TO JUNE 30, 2014**

**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. | 4 |
| 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

**TABLE 5**  
**SUMMARY OF PRETREATMENT PROGRAM BUDGET**  
**REPORTING PERIOD: JULY 1, 2013 TO JUNE 30, 2014**

**AGENCY: CITY OF CHINO**

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|                               |           |
|-------------------------------|-----------|
| 2013-14<br>PERSONNEL SERVICES |           |
| TOTAL                         | \$275,930 |

|                                       |          |
|---------------------------------------|----------|
| 2013-14<br>MAINTENANCE AND OPERATIONS |          |
| TOTAL                                 | \$20,650 |

|                               |           |
|-------------------------------|-----------|
| 2013-14<br>ALLOCATED SERVICES |           |
| TOTAL                         | \$112,477 |

|                                 |           |
|---------------------------------|-----------|
| 2013-14<br>TOTAL PROGRAM BUDGET |           |
| TOTAL                           | \$409,057 |

**TABLE 6**

**SUMMARY OF PRETREATMENT PROGRAM EQUIPMENT PURCHASES**

**REPORTING PERIOD: JULY 1, 2012 TO JUNE 30, 2013**

**AGENCY: CITY OF CHINO**

| <b>THIS REPORTING YEAR</b>  |                  |
|---|------------------|
| <b>EQUIPMENT:</b>   | <b>COST (\$)</b> |
| None purchased  | N/A              |
| <b>CURRENT EQUIPMENT INVENTORY</b>  |                  |
| <ol style="list-style-type: none"><li>1. Utility truck for field work</li><li>2. Computers (2)</li><li>3. Microsoft database program</li><li>4. Ice machine</li><li>5. Sampler preparation equipment (1 double sink)</li><li>6. Ultrasonic Portable Flow Meter (Model 4210)</li><li>7. Digital Camera Sony DSC-W310</li></ol> |                  |

## TABLE 7

### SUMMARY OF PUBLIC PARTICIPATION ACTIVITIES

REPORTING PERIOD: JULY 1, 2013 TO JUNE 30, 2014

#### **AGENCY: CITY OF CHINO**

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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.

## TABLE 8

### SUMMARY OF SIGNIFICANT CHANGES TO THE PRETREATMENT PROGRAM

REPORTING PERIOD: JULY 1, 2013 TO JUNE 30, 2014

#### **AGENCY: CITY OF CHINO**

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In May 2013 the "Environmental Technician" position was filled with a part time staff member. The Environmental Technician position will become a full time position beginning July 1, 2014.

In fiscal year 13/14, Jurupa Community Services District joined the Mutual Aid Agreement to provide aid to IEUA and it's member agencies (including the City of Chino) should a disruption to water, sewer, or sewer treatment arise.

**2013/2014 INDUSTRY MONITORING DATA**

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**City of Chino**





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

Time Period: Jul 1 2013 - Jun 30 2014

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

Permit No: 1095

7/11/2013

| Sampled:   | Sample ID:   | Source: | Sample Type | Parameter             | Result | Units    | In NC | Permit Limits |          |
|------------|--------------|---------|-------------|-----------------------|--------|----------|-------|---------------|----------|
|            |              |         |             |                       |        |          |       | Daily         | Monthly  |
| 7/9/2013   | WAL 13070070 | CITY    | C           | BOD5                  | 750    | mg/L     |       |               |          |
| 10/22/2013 | WAL 13100300 | CITY    | C           | BOD5                  | 1580   | mg/L     |       |               |          |
| 1/14/2014  | WAL 14010123 | CITY    | C           | BOD5                  | 795    | mg/L     |       |               |          |
| 4/15/2014  | WAL 14040111 | CITY    | C           | BOD5                  | 1550   | mg/L     |       |               |          |
| 7/9/2013   | WAL 13070070 | CITY    | Metered     | Flow-T                | 400600 | gpd      |       |               | 414000   |
| 10/22/2013 | WAL 13100300 | CITY    | Metered     | Flow-T                | 357000 | gpd      |       |               | 414000   |
| 1/14/2014  | WAL 14010123 | CITY    | Metered     | Flow-T                | 313400 | gpd      |       |               | 414000   |
| 4/15/2014  | WAL 14040111 | CITY    | Metered     | Flow-T                | 309500 | gpd      |       |               | 414000   |
| 7/9/2013   | WAL 13070070 | CITY    | G           | Oil and Grease, Total | 59     | mg/L     |       |               | 200      |
| 10/22/2013 | WAL 13100300 | CITY    | G           | Oil and Grease, Total | 83     | mg/L     |       |               | 200      |
| 1/14/2014  | WAL 14010123 | CITY    | G           | Oil and Grease, Total | 29     | mg/L     |       |               | 200      |
| 4/15/2014  | WAL 14040111 | CITY    | G           | Oil and Grease, Total | 79     | mg/L     |       |               |          |
| 7/9/2013   | WAL 13070070 | CITY    | Field       | pH                    | 8.3    | pH Units |       |               | 5.0-12.5 |
| 10/22/2013 | WAL 13100300 | CITY    | Field       | pH                    | 7.28   | pH Units |       |               | 5.0-12.5 |
| 1/14/2014  | WAL 14010123 | CITY    | Field       | pH                    | 7.4    | pH Units |       |               | 5.0-12.5 |
| 4/15/2014  | WAL 14040111 | CITY    | Field       | pH                    | 7.0    | pH Units |       |               | 5-12.5   |
| 7/9/2013   | WAL 13070070 | CITY    | C           | TDS                   | 1150   | mg/L     |       |               |          |
| 10/22/2013 | WAL 13100300 | CITY    | C           | TDS                   | 1820   | mg/L     |       |               |          |
| 1/14/2014  | WAL 14010123 | CITY    | C           | TDS                   | 1110   | mg/L     |       |               |          |
| 4/15/2014  | WAL 14040111 | CITY    | C           | TDS                   | 2015   | mg/L     |       |               |          |
| 7/9/2013   | WAL 13070070 | CITY    | C           | TDS, Fixed            | 570    | mg/L     |       |               | 800      |
| 10/22/2013 | WAL 13100300 | CITY    | C           | TDS, Fixed            | 600    | mg/L     |       |               | 800      |
| 1/14/2014  | WAL 14010123 | CITY    | C           | TDS, Fixed            | 340    | mg/L     |       |               | 800      |
| 4/15/2014  | WAL 14040111 | CITY    | C           | TDS, Fixed            | 325    | mg/L     |       |               | 800      |

**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

11/19/2013

| <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> |
| 7/9/2013        | WAL 13070070      | CITY           | C                  | TSS              | 112           | mg/L         |                      |                             |
| 10/22/2013      | WAL 13100300      | CITY           | C                  | TSS              | 920           | mg/L         |                      |                             |
| 1/14/2014       | WAL 14010123      | CITY           | C                  | TSS              | 407           | mg/L         |                      |                             |
| 4/15/2014       | WAL 14040111      | CITY           | C                  | TSS              | 495           | 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

7/17/2013

| Sampled:   | Sample ID:   | Source:  | Sample Type | Parameter             | Result | Units    | Permit Limits |               |
|------------|--------------|----------|-------------|-----------------------|--------|----------|---------------|---------------|
|            |              |          |             |                       |        |          | In NC         | Daily Monthly |
| 7/16/2013  | WAL 13070149 | INDUSTRY | C           | BOD5                  | 690    | mg/L     |               |               |
| 10/22/2013 | WAL 13100303 | INDUSTRY | C           | BOD5                  | 478    | mg/L     |               |               |
| 1/21/2014  | WAL 14010171 | INDUSTRY | C           | BOD5                  | 1020   | mg/L     |               |               |
| 4/22/2014  | WAL 14040210 | INDUSTRY | C           | BOD5                  | 638    | mg/L     |               |               |
| 7/16/2013  | WAL 13070149 | INDUSTRY | G           | Oil and Grease, Total | 26     | mg/L     |               |               |
| 10/22/2013 | WAL 13100303 | INDUSTRY | G           | Oil and Grease, Total | 137    | mg/L     |               |               |
| 1/21/2014  | WAL 14010171 | INDUSTRY | G           | Oil and Grease, Total | 381    | mg/L     |               |               |
| 4/22/2014  | WAL 14040210 | INDUSTRY | G           | Oil and Grease, Total | 148    | mg/L     |               |               |
| 7/16/2013  | WAL 13070149 | INDUSTRY | Field       | pH                    | 7.3    | pH Units |               | 5-12.5        |
| 10/22/2013 | WAL 13100303 | INDUSTRY | Field       | pH                    | 7.30   | pH Units |               | 5-12.5        |
| 1/21/2014  | WAL 14010171 | INDUSTRY | Field       | pH                    | 7.5    | pH Units |               | 5-12.5        |
| 4/22/2014  | WAL 14040210 | INDUSTRY | Field       | pH                    | 7.5    | pH Units |               | 5-12.5        |
|            |              | INDUSTRY | C           | TDS                   | 700    | mg/L     |               |               |
| 7/16/2013  | WAL 13070149 | INDUSTRY | C           | TDS, Fixed            | 445    | mg/L     |               | 800           |
| 10/22/2013 | WAL 13100303 | INDUSTRY | C           | TDS, Fixed            | 450    | mg/L     |               | 800           |
| 1/21/2014  | WAL 14010171 | INDUSTRY | C           | TDS, Fixed            | 540    | mg/L     |               | 800           |
| 4/22/2014  | WAL 14040210 | INDUSTRY | C           | TDS, Fixed            | 316    | mg/L     |               | 800           |
| 7/16/2013  | WAL 13070149 | INDUSTRY | C           | TSS                   | 333    | mg/L     |               |               |
| 10/22/2013 | WAL 13100303 | INDUSTRY | C           | TSS                   | 218    | mg/L     |               |               |
| 1/21/2014  | WAL 14010171 | INDUSTRY | C           | TSS                   | 416    | mg/L     |               |               |
| 4/22/2014  | WAL 14040210 | INDUSTRY | C           | TSS                   | 977    | 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

7/11/2013

| Sampled:   | Sample ID:   | Source:  | Sample Type | Parameter             | Result | Units    | Permit Limits |               |
|------------|--------------|----------|-------------|-----------------------|--------|----------|---------------|---------------|
|            |              |          |             |                       |        |          | In NC         | Daily Monthly |
| 7/9/2013   | WAL 13070067 | INDUSTRY | C           | BOD5                  | 6240   | mg/L     |               |               |
| 10/15/2013 | WAL 13100234 | INDUSTRY | C           | BOD5                  | 1840   | mg/L     |               |               |
| 1/14/2014  | WAL 14010120 | INDUSTRY | C           | BOD5                  | 1960   | mg/L     |               |               |
| 4/15/2014  | WAL 14040113 | INDUSTRY | C           | BOD5                  | 1810   | mg/L     |               |               |
| 7/9/2013   | WAL 13070067 | INDUSTRY | G           | Oil and Grease, Total | 19     | mg/L     |               |               |
| 10/15/2013 | WAL 13100234 | INDUSTRY | G           | Oil and Grease, Total | 40     | mg/L     |               |               |
| 1/14/2014  | WAL 14010120 | INDUSTRY | G           | Oil and Grease, Total | 66     | mg/L     |               |               |
| 4/15/2014  | WAL 14040113 | INDUSTRY | G           | Oil and Grease, Total | 23     | mg/L     |               |               |
| 7/9/2013   | WAL 13070067 | INDUSTRY | Field       | pH                    | 5.1    | pH Units |               | 5-12.5        |
| 10/15/2013 | WAL 13100234 | INDUSTRY | Field       | pH                    | 5.42   | pH Units |               | 5-12.5        |
| 1/14/2014  | WAL 14010120 | INDUSTRY | Field       | pH                    | 9.2    | pH Units |               | 5-12.5        |
| 4/15/2014  | WAL 14040113 | INDUSTRY | Field       | pH                    | 7.0    | pH Units |               | 5-12.5        |
| 7/9/2013   | WAL 13070067 | INDUSTRY | C           | TDS                   | 3000   | mg/L     |               |               |
| 10/15/2013 | WAL 13100234 | INDUSTRY | C           | TDS                   | 1850   | mg/L     |               |               |
| 1/14/2014  | WAL 14010120 | INDUSTRY | C           | TDS                   | 1860   | mg/L     |               |               |
| 4/15/2014  | WAL 14040113 | INDUSTRY | C           | TDS                   | 2158   | mg/L     |               |               |
| 7/9/2013   | WAL 13070067 | INDUSTRY | C           | TDS, Fixed            | 652    | mg/L     |               | 800           |
| 10/15/2013 | WAL 13100234 | INDUSTRY | C           | TDS, Fixed            | 518    | mg/L     |               | 800           |
| 1/14/2014  | WAL 14010120 | INDUSTRY | C           | TDS, Fixed            | 232    | mg/L     |               | 800           |
| 4/15/2014  | WAL 14040113 | INDUSTRY | C           | TDS, Fixed            | 160    | mg/L     |               | 800           |
| 7/9/2013   | WAL 13070067 | INDUSTRY | C           | TSS                   | 136    | mg/L     |               |               |
| 10/15/2013 | WAL 13100234 | INDUSTRY | C           | TSS                   | 192    | mg/L     |               |               |
| 1/14/2014  | WAL 14010120 | INDUSTRY | C           | TSS                   | 203    | mg/L     |               |               |
| 4/15/2014  | WAL 14040113 | INDUSTRY | C           | TSS                   | 233    | 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

7/13/2013

| Sampled:   | Sample ID:   | Source:  | Sample Type | Parameter | Result | Units | In NC | Permit Limits |         |
|------------|--------------|----------|-------------|-----------|--------|-------|-------|---------------|---------|
|            |              |          |             |           |        |       |       | Daily         | Monthly |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | Ag        | <0.01  | mg/L  |       | 0.43          | 0.24    |
| 10/22/2013 | WAL 13100301 | INDUSTRY | C           | Ag        | <0.01  | mg/L  |       | 0.43          | 0.24    |
| 1/21/2014  | WAL 14010170 | INDUSTRY | C           | Ag        | <0.01  | mg/L  |       | 0.43          | 0.24    |
| 4/22/2014  | WAL 14040207 | INDUSTRY | C           | Ag        | <0.01  | mg/L  |       | 0.43          | 0.24    |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | BOD5      | <2     | mg/L  |       |               |         |
| 10/22/2013 | WAL 13100301 | INDUSTRY | C           | BOD5      | <2     | mg/L  |       |               |         |
| 1/21/2014  | WAL 14010170 | INDUSTRY | C           | BOD5      | <2     | mg/L  |       |               |         |
| 4/22/2014  | WAL 14040207 | INDUSTRY | C           | BOD5      | <2     | mg/L  |       |               |         |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | Cd        | <0.01  | mg/L  |       | 0.11          | 0.07    |
| 10/22/2013 | WAL 13100301 | INDUSTRY | C           | Cd        | <0.01  | mg/L  |       | 0.11          | 0.07    |
| 1/21/2014  | WAL 14010170 | INDUSTRY | C           | Cd        | <0.01  | mg/L  |       | 0.11          | 0.07    |
| 4/22/2014  | WAL 14040207 | INDUSTRY | C           | Cd        | <0.01  | mg/L  |       | 0.11          | 0.07    |
| 7/24/2013  | WAL 13070256 | INDUSTRY | G           | CN        | <0.02  | mg/L  |       | 1.2           | 0.65    |
| 10/22/2013 | WAL 13100301 | INDUSTRY | G           | CN        | <0.02  | mg/L  |       | 1.2           | 0.65    |
| 1/21/2014  | WAL 14010170 | INDUSTRY | G           | CN        | <0.02  | mg/L  |       | 1.2           | 0.65    |
| 4/22/2014  | WAL 14040207 | INDUSTRY | G           | CN        | <0.02  | mg/L  |       | 1.2           | 0.65    |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | Cr        | <0.01  | mg/L  |       | 2.77          | 1.71    |
| 10/22/2013 | WAL 13100301 | INDUSTRY | C           | Cr        | <0.01  | mg/L  |       | 2.77          | 1.71    |
| 1/21/2014  | WAL 14010170 | INDUSTRY | C           | Cr        | <0.01  | mg/L  |       | 2.77          | 1.71    |
| 4/22/2014  | WAL 14040207 | INDUSTRY | C           | Cr        | <0.01  | mg/L  |       | 2.77          | 1.71    |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | Cu        | 0.13   | mg/L  |       | 3.38          | 2.07    |
| 10/22/2013 | WAL 13100301 | INDUSTRY | C           | Cu        | 2.54   | mg/L  |       | 3.38          | 2.07    |
| 12/3/2013  | WAL 13110356 | INDUSTRY | C           | Cu        | 0.10   | mg/L  |       | 3.38          | 2.07    |
| 12/4/2013  | WAL 13120008 | INDUSTRY | C           | Cu        | 124    | mg/L  | NC    | 3.38          | 2.07    |
| 12/10/2013 | WAL 13120062 | INDUSTRY | C           | Cu        | 0.03   | mg/L  |       | 3.38          | 2.07    |
| 12/11/2013 | WAL 13120085 | INDUSTRY | C           | Cu        | 0.02   | mg/L  |       | 3.38          | 2.07    |
| 1/21/2014  | WAL 14010170 | INDUSTRY | C           | Cu        | 0.05   | mg/L  |       | 3.38          | 2.07    |
| 2/6/2014   | WAL 14020040 | INDUSTRY | C           | Cu        | 0.60   | mg/L  |       | 3.38          | 2.07    |

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 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

| Sampled:   | Sample ID:   | Source:  | Sample Type | Parameter             | Result | Units    | In NC | Permit Limits |         |
|------------|--------------|----------|-------------|-----------------------|--------|----------|-------|---------------|---------|
|            |              |          |             |                       |        |          |       | Daily         | Monthly |
| 2/13/2014  | WAL 14020127 | INDUSTRY | C           | Cu                    | 0.10   | mg/L     |       | 3.38          | 2.07    |
| 2/20/2014  | WAL 14020206 | INDUSTRY | C           | Cu                    | 1.30   | mg/L     |       | 3.38          | 2.07    |
| 4/22/2014  | WAL 14040207 | INDUSTRY | C           | Cu                    | 0.26   | mg/L     |       | 3.38          | 2.07    |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | Ni                    | <0.02  | mg/L     |       | 3.98          | 2.38    |
| 10/22/2013 | WAL 13100301 | INDUSTRY | C           | Ni                    | 0.03   | mg/L     |       | 3.98          | 2.38    |
| 1/21/2014  | WAL 14010170 | INDUSTRY | C           | Ni                    | <0.02  | mg/L     |       | 3.98          | 2.38    |
| 4/22/2014  | WAL 14040207 | INDUSTRY | C           | Ni                    | <0.02  | mg/L     |       | 3.98          | 2.38    |
| 7/24/2013  | WAL 13070256 | INDUSTRY | G           | Oil and Grease, Total | <5     | mg/L     |       | 200           |         |
| 10/22/2013 | WAL 13100301 | INDUSTRY | G           | Oil and Grease, Total | <5     | mg/L     |       | 200           |         |
| 1/21/2014  | WAL 14010170 | INDUSTRY | G           | Oil and Grease, Total | <5     | mg/L     |       | 200           |         |
| 4/22/2014  | WAL 14040207 | INDUSTRY | G           | Oil and Grease, Total | <5     | mg/L     |       | 200           |         |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | Pb                    | <0.05  | mg/L     |       | 0.69          | 0.43    |
| 10/22/2013 | WAL 13100301 | INDUSTRY | C           | Pb                    | <0.05  | mg/L     |       | 0.69          | 0.43    |
| 1/21/2014  | WAL 14010170 | INDUSTRY | C           | Pb                    | <0.05  | mg/L     |       | 0.69          | 0.43    |
| 4/22/2014  | WAL 14040207 | INDUSTRY | C           | Pb                    | <0.05  | mg/L     |       | 0.69          | 0.43    |
| 7/24/2013  | WAL 13070256 | INDUSTRY | Field       | pH                    | 7.3    | pH Units |       | 5-12.5        |         |
| 10/22/2013 | WAL 13100301 | INDUSTRY | Field       | pH                    | 8.43   | pH Units |       | 5-12.5        |         |
| 1/21/2014  | WAL 14010170 | INDUSTRY | Field       | pH                    | 8.3    | pH Units |       | 5-12.5        |         |
| 4/22/2014  | WAL 14040207 | INDUSTRY | Field       | pH                    | 7.5    | pH Units |       | 5-12.5        |         |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | TDS                   | 463    | mg/L     |       | 800           |         |
| 10/22/2013 | WAL 13100301 | INDUSTRY | C           | TDS                   | 218    | mg/L     |       | 800           |         |
| 1/21/2014  | WAL 14010170 | INDUSTRY | C           | TDS                   | 432    | mg/L     |       | 800           |         |
| 4/22/2014  | WAL 14040207 | INDUSTRY | C           | TDS                   | 329    | mg/L     |       | 800           |         |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | TSS                   | <1     | mg/L     |       |               |         |
| 10/22/2013 | WAL 13100301 | INDUSTRY | C           | TSS                   | 3      | mg/L     |       |               |         |
| 1/21/2014  | WAL 14010170 | INDUSTRY | C           | TSS                   | <5     | mg/L     |       |               |         |
| 4/22/2014  | WAL 14040207 | INDUSTRY | C           | TSS                   | <5     | mg/L     |       |               |         |
| 7/24/2013  | WAL 13070256 | INDUSTRY | C           | Zn                    | <0.01  | mg/L     |       | 2.61          | 1.48    |

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10/20/2013

| <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> |
| 10/22/2013      | WAL 13100301      | INDUSTRY       | C                  | Zn               | 0.05          | mg/L         | 2.61                 | 1.48                        |
| 1/21/2014       | WAL 14010170      | INDUSTRY       | C                  | Zn               | <0.01         | mg/L         | 2.61                 | 1.48                        |
| 4/22/2014       | WAL 14040207      | INDUSTRY       | C                  | Zn               | 0.01          | mg/L         | 2.61                 | 1.48                        |

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7/11/2013

| Sampled:   | Sample ID:   | Source: | Sample Type | Parameter             | Result | Units    | In NC | Permit Limits |            |
|------------|--------------|---------|-------------|-----------------------|--------|----------|-------|---------------|------------|
|            |              |         |             |                       |        |          |       | Daily         | Monthly    |
| 7/9/2013   | WAL 13070071 | CITY    | C           | BOD5                  | 520    | mg/L     |       |               |            |
| 10/22/2013 | WAL 13100299 | CITY    | C           | BOD5                  | 930    | mg/L     |       |               |            |
| 1/14/2014  | WAL 14010122 | CITY    | C           | BOD5                  | 576    | mg/L     |       |               |            |
| 4/15/2014  | WAL 14040112 | CITY    | C           | BOD5                  | 712    | mg/L     |       |               |            |
| 7/9/2013   | WAL 13070071 | CITY    | Metered     | Flow-T                | 56852  | gpd      | NC    |               | 36000      |
| 10/22/2013 | WAL 13100299 | CITY    | Metered     | Flow-T                | 51166  | gpd      | NC    |               | 36000      |
| 7/9/2013   | WAL 13070071 | CITY    | G           | Oil and Grease, Total | 171    | mg/L     |       |               |            |
| 10/22/2013 | WAL 13100299 | CITY    | G           | Oil and Grease, Total | 167    | mg/L     |       |               |            |
| 1/14/2014  | WAL 14010122 | CITY    | G           | Oil and Grease, Total | 202    | mg/L     |       |               |            |
| 4/15/2014  | WAL 14040112 | CITY    | G           | Oil and Grease, Total | 162    | mg/L     |       |               |            |
| 7/9/2013   | WAL 13070071 | CITY    | Field       | pH                    | 8.5    | pH Units |       |               | 5.0 - 12.5 |
| 10/22/2013 | WAL 13100299 | CITY    | Field       | pH                    | 7.22   | pH Units |       |               | 5.0 - 12.5 |
| 1/14/2014  | WAL 14010122 | CITY    | Field       | pH                    | 7.8    | pH Units |       |               | 5.0 - 12.5 |
| 4/15/2014  | WAL 14040112 | CITY    | Field       | pH                    | 7.3    | pH Units |       |               | 5.0 - 12.5 |
| 7/9/2013   | WAL 13070071 | CITY    | C           | TDS                   | 1080   | mg/L     |       |               |            |
| 10/22/2013 | WAL 13100299 | CITY    | C           | TDS                   | 1350   | mg/L     |       |               |            |
| 1/14/2014  | WAL 14010122 | CITY    | C           | TDS                   | 962    | mg/L     |       |               |            |
| 4/15/2014  | WAL 14040112 | CITY    | C           | TDS                   | 1023   | mg/L     |       |               |            |
| 7/9/2013   | WAL 13070071 | CITY    | C           | TDS, Fixed            | 684    | mg/L     |       |               | 800        |
| 10/22/2013 | WAL 13100299 | CITY    | C           | TDS, Fixed            | 658    | mg/L     |       |               | 800        |
| 1/14/2014  | WAL 14010122 | CITY    | C           | TDS, Fixed            | 306    | mg/L     |       |               | 800        |
| 4/15/2014  | WAL 14040112 | CITY    | C           | TDS, Fixed            | 270    | mg/L     |       |               | 800        |
| 7/9/2013   | WAL 13070071 | CITY    | C           | TSS                   | 204    | mg/L     |       |               |            |
| 10/22/2013 | WAL 13100299 | CITY    | C           | TSS                   | 282    | mg/L     |       |               |            |
| 1/14/2014  | WAL 14010122 | CITY    | C           | TSS                   | 173    | mg/L     |       |               |            |
| 4/15/2014  | WAL 14040112 | CITY    | C           | TSS                   | 195    | mg/L     |       |               |            |

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|----------|------------|---------|-------------|-----------|--------|-------|-------|---------------|---------|
|          |            |         |             |           |        |       |       | Daily         | Monthly |

Report compiled by M. Barber

Date: 9/11/2014

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**2013/2014 PRETREATMENT ANNUAL REPORT**

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**City of Chino Hills**

City of Chino Hills  
List of Significant Industrial Users and Applicable Standards  
Report Period: July 1, 2013 to June 30, 2014

The City of Chino Hills had no Significant Industrial Users during Fiscal Year 2013-2014.

**2013/2014 PRETREATMENT ANNUAL REPORT**

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**Cucamonga Valley Water District**

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

In November 2005, IEUA entered an agreement with the Cucamonga Valley Water District (CVWD) to implement an industrial wastewater pretreatment program for CVWD's Significant Industrial Users (SIUs), which are identified by CVWD. During the fiscal year IEUA continued with the management of all program activities including permitting, monitoring, inspection, and enforcement actions for ten 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 renewed in November 2013. The permit was also revised in April 2014 clarify the laboratory test methods for Acetone and Methylene Chloride.

### **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 revised in November 2013 to address required changes identified during the 2012 Pretreatment Compliance Audit.

**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. The permit was revised on January 2, 2014 to relocate the legal sampling location. The permit was revised again on April 9, 2014 to include required changes identified during the 2014 Pretreatment Compliance Inspection.

**K-Pure Waterworks, Inc.**  
**Permit No. CVWD-2011**

K-Pure Waterworks, Inc. (K-Pure) operates a centralized wastewater treatment facility. K-Pure uses a screw pump to lift wastewater delivered to its site from a receiving sump to batch treatment tanks, where precipitation, coagulation, flocculation, and sedimentation processes take place. The treated wastewater is pumped to one of two discharge tanks, where sludge is removed and processed through a filter press for offsite disposal. Wastewater is discharged to the CVWD's sewer.

K-Pure is categorized under 40 CFR Part 437 - Centralized Waste Treatment Point Source Category, Subpart D, Multiple Waste Subcategory. Under these subparts, K-Pure is allowed to discharge treated wastewater collected or received from wastewater generators that produce metal-bearing wastes, oily wastes, and organic (non-petroleum) wastes.

The K-Pure discharge permit to the Agency's Non-Reclaimable Wastewater System was issued in October 2013. Subsequently, K-Pure allowed its regional discharge permit to expire on February 21, 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. The NA wastewater discharge permit was revised in July 2014 to address required changes identified during the 2012 Pretreatment Compliance Audit.

**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. The PAC permit was revised in March 2014 to clarify the sample collection methods of Total Toxic Organic parameters.

**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 revised in August 2013 to address required changes identified during the 2012 Pretreatment Compliance Audit.

**Printed Circuits, Unlimited  
Permit No. CVWD-091510**

Printed Circuits, Unlimited (PCU) manufactures printed circuit boards. Processes include, cutting, drilling, sanding, off-site copper plating, application of photo images, photo developing, cupric chloride etching, tip plating, and solder leveling. All processes involving electroless copper and electroplating of the boards are performed off-site and returned to PCU to be further processed.

Metal-bearing waste streams are generated from the rinsing of circuit boards and passing them through the cupric chloride etching system to selectively remove copper from non-resist coated areas. Wastewater is also generated from the micro-etch cleaning line and the photo-resist stripper rinse. The waste streams are combined and processed in the wastewater treatment facility, which includes equalization, pH adjustment, flocculation, clarification and sludge processing.

Wastewater originating from non-metal bearing processes do not require pretreatment and include photographic film processing, silk-screen (stencil screen) washing and rinsing, sodium carbonate process rinse water, hot oil wash water and rinse water from the solder mask process, dry film scrubber, and hydrogen peroxide spent solution for use in stencil development. These non-metal bearing waste streams are combined with the treated wastewater downstream of the clarifier.

PCU's discharge is categorized under 40 CFR 433 – Metal Finishing Point Source Category and is subject to the Pretreatment Standards for New Sources, 40 CFR 433.17(a). PCU's discharge permit was voided in December 2013 as the facility ceased all operations.

**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. In March 2014, Schlosser's permit was revised to clarify the sample collection methods for Total Toxic Organic parameters. In April 2014, Schlosser's permit was revised again to update the production data reporting frequency.

**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.

The Western discharge permit was renewed in August 2013.

**CVWD - List of Significant Industrial Users and Applicable Standards**

| <b>CURRENTLY PERMITTED</b> | <b>INDUSTRIAL USER NAME &amp; ADDRESS</b>   | <b>ADDITION / DELETION &amp; REASON</b> | <b>APPLICABLE FEDERAL CATEGORY &amp; STANDARD</b>  | <b>LOCAL LIMITS MORE STRINGENT THAN FEDERAL</b> |
|----------------------------|---|---|--|---|
| Yes                        | Amphastar Pharmaceuticals<br>11570 6 <sup>th</sup> Street<br>Rancho Cucamonga, CA 91730 |   | Pharmaceutical Manufacturing,<br>Part 439.47   | None  |
| Yes                        | Aquamar<br>10888 7th Street<br>Rancho Cucamonga, CA 91730                               |   | Significant Discharger,<br>Part 403.3(v)(ii)   | N/A   |
| Yes                        | Evolution Fresh<br>11655 Jersey Blvd.<br>Rancho Cucamonga, CA 91730                     | New Industry                            | Significant Discharger,<br>Part 403.3(v)(ii)   | N/A   |
| Yes                        | K-Pure Waterworks<br>8910 Rochester Ave.<br>Rancho Cucamonga, CA 91730                  |   | Centralized Waste Treatment,<br>Part 437.47(b)(1) and<br>437.47(b)(2)  | None  |
| Yes                        | Nongshim America, Inc.<br>12155 Sixth Street<br>Rancho Cucamonga, CA 91730              |   | Significant Discharger,<br>Part 403.3(v)(ii)   | N/A   |
| Yes                        | PAC Rancho Inc.<br>11000 Jersey Blvd.<br>Rancho Cucamonga, CA 91730                     |   | Metal Molding and Casting,<br>Parts 464.16(f) (Aluminum) &<br>464.36(e)(2) (Ferrous), and<br>Metal Finishing, Part 433.17<br>(a) | None  |
| Yes                        | Parallel Products<br>12881 Arrow Route<br>Rancho Cucamonga, CA 91730                    |   | Significant Discharger,<br>Part 403.3(v)(ii)   | N/A   |
| No                         | Printed Circuits Unlimited<br>8786 Industrial Lane<br>Rancho Cucamonga, CA 91730        | Industry no longer in<br>business.      | Metal Finishing, 433.17,<br>Subpart A  | None  |

**CVWD - List of Significant Industrial Users and Applicable Standards**

| <b>CURRENTLY PERMITTED</b> | <b>INDUSTRIAL USER NAME &amp; ADDRESS</b>   | <b>ADDITION / DELETION &amp; REASON</b> | <b>APPLICABLE FEDERAL CATEGORY &amp; STANDARD</b>  | <b>LOCAL LIMITS MORE STRINGENT THAN FEDERAL</b> |
|----------------------------|---|---|--|---|
| Yes                        | Schlosser Forge Company<br>11711 Arrow Route<br>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<br>8875 Industrial Lane<br>Rancho Cucamonga, CA 91730 |   | Coil Coating Point Source, Parts 465.14 (Steel), 465.24 (Galvanized) and 465.34 (Aluminum)                                     | None  |

**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<br>11570 6th Street<br>Rancho Cucamonga, CA 91730 | Pharmaceutical Manufacturing,<br>Part 439.47                       | pH adjustment, activated carbon filtration.  | 3                       | 3      | N/A                      | 3                               |
| Aquamar<br>10888 7th Street<br>Rancho Cucamonga, CA 91730                   | Significant Discharger,<br>Part 403.3(v)(ii)                       | Oil and grease interceptor   | 5                       | 2      | N/A                      | 2                               |
| Evolution Fresh<br>11655 Jersey Blvd.<br>Rancho Cucamonga, CA 91730         | Significant Discharger,<br>Part 403.3(v)(ii)                       | Equalization, pH adjustment, plug flow reactor, coagulation, flocculation, dissolved air floatation (DAF)                              | 12                      | 4      | N/A                      | 4                               |
| K-Pure Waterworks<br>8910 Rochester Ave.<br>Rancho Cucamonga, CA 91730      | Centralized Waste Treatment,<br>Part 437.47(b)(1) and 437.47(b)(2) | Mechanical treatment, equalization, precipitation, coagulation, flocculation, sedimentation, pH adjustment, filtration and dewatering. | 2                       | 2      | N/A                      | 1                               |
| Nongshim America, Inc.<br>12155 Sixth Street<br>Rancho Cucamonga, CA 91730  | Significant Discharger,<br>Part 403.3(v)(ii)                       | Sequence batch reactor system, clarification, aeration and filtration.   | 12                      | 4      | N/A                      | 3                               |

**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.<br>11000 Jersey Blvd.<br>Rancho Cucamonga,<br>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                       | 2                               |
| Parallel Products<br>12881 Arrow Route<br>Rancho Cucamonga,<br>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. | 52                      | 2      | N/A                      | 3                               |
| Printed Circuits Unlimited<br>8786 Industrial Lane<br>Rancho Cucamonga,<br>CA 91730 | Metal Finishing, 433.17, Subpart A  | Conventional metal treatment using polymer precipitation chemicals, pH adjustment, clarification & sludge removal.  | 0                       | 1      | Yes                      | 12                              |
| Schlosser Forge Company<br>11711 Arrow Route<br>Rancho Cucamonga,<br>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                      | 3                               |

### CVWD Significant Industrial User Compliance Status

| INDUSTRIAL<br>USER NAME &<br>ADDRESS   | INDUSTRIAL<br>CATEGORY   | TYPE OF<br>PRETREATMENT<br>PRESENT   | NUMBER OF<br>SAMPLE EVENTS |        | TTO (TOMP)<br>CERTIFICATION | NUMBER OF<br>INSPECTIONS<br>CONDUCTED |
|--|--|--|----------------------------|--------|-----------------------------|---------------------------------------|
|  |  |  | IU                         | AGENCY |                             |                                       |
| Western Metals<br>Decorating Company<br>8875 Industrial<br>Lane<br>Rancho Cucamonga,<br>CA 91730 | Coil Coating Point<br>Source, Parts 465.14<br>(Steel), 465.24<br>(Galvanized) and<br>465.34 (Aluminum) | Conventional metal<br>treatment using<br>polymer precipitation<br>chemicals, pH<br>adjustment,<br>clarification & sludge<br>removal. | 4                          | 4      | N/A                         | 3                                     |

**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<br>11570 6th Street<br>Rancho Cucamonga, CA 91730 | N/A                | N/A        | No  | Deficiency Notice for using improper sampling method.   | 4/16/14                 | None                     |
| Aquamar<br>10888 7th Street<br>Rancho Cucamonga, CA 91730                   | N/A                | N/A        | No  | Notice of Violation and Order for Corrective Action for exceeding daily discharge limit for flow in December 2013 and for failure to notify within 24 hours of becoming aware of a violation. | 2/23/14                 | None                     |
| Evolution Fresh<br>11655 Jersey Blvd.<br>Rancho Cucamonga, CA 91730         | N/A                | TDS, Fixed | Yes | Notice of Violation and Order for Corrective Action for exceeding daily discharge limit for TDS, Fixed in July 2013.  | 9/4/13                  | None                     |
|   | N/A                | N/A        |     | Deficiency Notice for submitting incomplete Self-Monitoring Report.   | 8/14/13                 | None                     |
|   | N/A                | TDS, Fixed |     | Notice of Violation and Order for Corrective Action for exceeding daily discharge limit for TDS, Fixed in Oct. 2013.  | 12/10/13                | None                     |
|   | N/A                | TDS, Fixed |     | Compliance meeting for repeatedly exceeding daily discharge limit for TDS, Fixed.   | 1/22/14                 | None                     |
|   | N/A                | TDS, Fixed |     | Notice of Violation and Order for Corrective Action for exceeding daily discharge limit for TDS, Fixed in Nov. and Dec. 2013.   | 2/5/14                  | None                     |
|   | N/A                | TDS, Fixed |     | Notice of Violation and Order for Corrective Action for exceeding daily discharge limit for TDS, Fixed in May 2014.   | 6/5/14                  | None                     |



**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      |     |  |                         |                          |
| K-Pure Waterworks<br>8910 Rochester Ave.<br>Rancho Cucamonga,<br>CA 91730           | None               | None       | No  | None Required  | N/A                     | None                     |
| Nongshim America, Inc.<br>12155 Sixth Street<br>Rancho Cucamonga,<br>CA 91730       | N/A                | TDS, Fixed | No  | Notice of Violation and Order for Corrective Action for exceeding daily discharge limit for TDS, Fixed in April 2014.  | 6/3/14                  | None                     |
| PAC Rancho Inc.<br>11000 Jersey Blvd.<br>Rancho Cucamonga,<br>CA 91730              | None               | None       | No  | None Required  | N/A                     | None                     |
| Parallel Products<br>12881 Arrow Route<br>Rancho Cucamonga,<br>CA 91730             | None               | None       | No  | None Required  | N/A                     | None                     |
| Printed Circuits Unlimited<br>8786 Industrial Lane<br>Rancho Cucamonga,<br>CA 91730 | N/A                | N/A        | Yes | Late Notice for failure to conduct self-monitoring for period ending Sept. 2013. Industry failed to resample within 45 days of due date. Business ceased operations. | 10/17/13                | None                     |
| Schlosser Forge Co.<br>11711 Arrow Route<br>Rancho Cucamonga,<br>CA 91730           | N/A                | N/A        | No  | Late Notice for failure to submit off-pounds report  | 2/13/14                 | None                     |
|   | N/A                | N/A        | No  | Notice of Violation and Order for Corrective Action for failure to notify of process change and submit off-pounds report.  | 4/9/14                  | None                     |

**CVWD - Significant Industrial User Violations and Applicable Enforcement Action**

| INDUSTRIAL<br>USER NAME &<br>ADDRESS  | STANDARDS<br>VIOLATED |       | SNC | SUMMARY OF<br>ENFORCEMENT ACTIONS<br>PROPOSED OR TAKEN  | ENFORCEMENT<br>ACTION DATE | FINES<br>ASSESSED<br>THIS YEAR |
|---|-----------------------|-------|-----|---|----------------------------|--------------------------------|
|   | Federal               | Local |     |   |                            |                                |
| Western Metals<br>Decorating<br>8875 Industrial Lane<br>Rancho Cucamonga,<br>CA 91730 | None                  | None  | Yes | Notice of Violation and Order for Corrective Action and Order to Show Cause for repeated failure to maintain pretreatment equipment.  | 7/9/13                     | None                           |
|   | None                  | None  |     | Notice of Violation and Order for Corrective Action for failure to comply with permit condition.                                      | 10/21/13                   | None                           |
|   | None                  | None  |     | Notice of Violation and Order for Corrective Action for repeated failure to submit self-monitoring reports by the required due dates. | 2/11/14                    | None                           |

## CVWD - 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: | 9 |
| Number of Civil & Criminal Judicial Actions filed against SIUs:         | 0 |
| Number of SIUs published for SNC:                                       | 3 |
| Number of SIUs where penalties were collected:                          | 0 |

SIU      Significant Industrial User  
SNC      Significant Noncompliance per 40 CFR 403.8

**2013/2014 INDUSTRY MONITORING DATA**

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**Cucamonga Valley Water District**



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

Time Period: Jul 1 2013 - Jun 30 2014

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

Permit No: CVWD-022106

| Sampled:   | Sample ID:   | Source:        | Sample Type | Parameter | Result | Units | In NC | Permit Limits |         |
|------------|--------------|----------------|-------------|-----------|--------|-------|-------|---------------|---------|
|            |              |                |             |           |        |       |       | Daily         | Monthly |
| 8/13/2013  | WAL 13080148 | INDUSTRY       | G           | Acetone   | 6.320  | mg/L  |       | 20.7          | 8.2     |
| 11/13/2013 | WAL 13110106 | INDUSTRY       | G           | Acetone   | 0.181  | mg/L  |       | 20.7          | 8.2     |
| 4/25/2014  | WAL 14040248 | Make-Up Sample | G           | Acetone   | 3800   | µg/L  |       | 19000         | 7500    |
| 5/1/2014   | 1405003      | IEUA           | G           | Acetone   | 4920   | µg/L  |       | 19000         | 7500    |
| 5/6/2014   | 1405061      | IEUA           | G           | Acetone   | 1820   | µg/L  |       | 19000         | 7500    |
| 5/21/2014  | WAL 14050225 | INDUSTRY       | G           | Acetone   | 3600   | µg/L  |       | 19000         | 7500    |
| 2/11/2014  | 1402141      | IEUA           | C           | Ag        | < 0.01 | mg/L  |       |               |         |
| 5/6/2014   | 1405061      | IEUA           | C           | Ag        | < 0.01 | mg/L  |       |               |         |
| 2/11/2014  | 1402141      | IEUA           | C           | As        | < 0.01 | mg/L  |       |               |         |
| 5/6/2014   | 1405061      | IEUA           | C           | As        | < 0.01 | mg/L  |       |               |         |
| 2/11/2014  | 1402141      | IEUA           | C           | Ba        | < 0.01 | mg/L  |       |               |         |
| 5/6/2014   | 1405061      | IEUA           | C           | Ba        | 0.01   | mg/L  |       |               |         |
| 12/10/2013 | 1312120      | IEUA           | C           | BOD5      | 5      | mg/L  |       |               |         |
| 2/11/2014  | WAL 14020103 | INDUSTRY       | C           | BOD5      | 18     | mg/L  |       |               |         |
|            | 1402141      | IEUA           | C           | BOD5      | 12     | mg/L  |       |               |         |
| 5/6/2014   | 1405061      | IEUA           | C           | BOD5      | 12     | mg/L  |       |               |         |
| 5/21/2014  | WAL 14050225 | INDUSTRY       | C           | BOD5      | 31     | mg/L  |       |               |         |
| 2/11/2014  | 1402141      | IEUA           | C           | Cd        | < 0.01 | mg/L  |       |               |         |
| 5/6/2014   | 1405061      | IEUA           | C           | Cd        | < 0.01 | mg/L  |       |               |         |
| 8/13/2013  | WAL 13080148 | INDUSTRY       | G           | CN        | <0.02  | mg/L  |       | 1.2           |         |
| 11/13/2013 | WAL 13110106 | INDUSTRY       | G           | CN        | <0.02  | mg/L  |       | 1.2           |         |
| 12/10/2013 | 1312120      | IEUA           | G           | CN        | <0.005 | mg/L  |       |               |         |
| 2/11/2014  | 1402141      | IEUA           | C           | Co        | < 0.01 | 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

| Sampled:   | Sample ID:      | Source:        | Sample Type | Parameter          | Result | Units | In NC | Permit Limits |         |
|------------|-----------------|----------------|-------------|--------------------|--------|-------|-------|---------------|---------|
|            |                 |                |             |                    |        |       |       | Daily         | Monthly |
| 5/6/2014   | 1405061         | IEUA           | C           | Co                 | < 0.01 | mg/L  |       |               |         |
| 2/11/2014  | 1402141         | IEUA           | C           | Cr                 | < 0.01 | mg/L  |       | 60            |         |
| 5/6/2014   | 1405061         | IEUA           | C           | Cr                 | < 0.01 | mg/L  |       | 60            |         |
| 5/21/2014  | WAL 14050225    | INDUSTRY       | C           | Cr                 | <0.01  | mg/L  |       | 60            |         |
| 2/11/2014  | 1402141         | IEUA           | C           | Cu                 | < 0.02 | mg/L  |       | 45            |         |
| 5/6/2014   | 1405061         | IEUA           | C           | Cu                 | < 0.02 | mg/L  |       | 45            |         |
| 5/21/2014  | WAL 14050225    | INDUSTRY       | C           | Cu                 | <0.01  | mg/L  |       | 45            |         |
| 12/10/2013 | 1312120         | IEUA           | Field       | DS                 | <0.1   | mg/L  |       |               |         |
| 2/11/2014  | 1402141         | IEUA           | Field       | DS                 | <0.1   | mg/L  |       |               |         |
| 8/13/2013  | WAL 13080148    | INDUSTRY       | G           | ethyl acetate      | <0.100 | mg/L  |       | 20.7          | 8.2     |
| 11/13/2013 | WAL 13110106    | INDUSTRY       | G           | ethyl acetate      | <0.100 | mg/L  |       | 20.7          | 8.2     |
| 2/11/2014  | Eaton WW 736383 | IEUA           | G           | ethyl acetate      | <10.0  | µg/L  |       | 19000         | 7500    |
| 4/25/2014  | WAL 14040248    | Make-Up Sample | G           | ethyl acetate      | <2     | µg/L  |       | 19000         | 7500    |
| 5/6/2014   | 480225          | IEUA           | G           | ethyl acetate      | <50    | µg/L  |       | 19000         | 7500    |
| 5/21/2014  | WAL 14050225    | INDUSTRY       | G           | ethyl acetate      | <2     | µg/L  |       | 19000         | 7500    |
| 2/11/2014  | 1402141         | IEUA           | C           | Fe                 | 0.24   | mg/L  |       |               |         |
| 5/6/2014   | 1405061         | IEUA           | C           | Fe                 | 0.57   | mg/L  |       |               |         |
| 8/13/2013  | WAL 13080148    | INDUSTRY       | Metered     | Flow-T             | 2465   | gpd   |       | 25000         |         |
| 2/11/2014  | WAL 14020103    | INDUSTRY       | Metered     | Flow-T             | 1256   | gpd   |       |               |         |
| 8/13/2013  | WAL 13080148    | INDUSTRY       | G           | isopropyl acetate  | <0.100 | mg/L  |       | 20.7          | 8.2     |
| 11/13/2013 | WAL 13110106    | INDUSTRY       | G           | isopropyl acetate  | <0.100 | mg/L  |       | 20.7          | 8.2     |
| 2/11/2014  | Eaton WW 736383 | IEUA           | G           | isopropyl acetate  | <10.0  | µg/L  |       | 19000         | 7500    |
| 4/25/2014  | WAL 14040248    | Make-Up Sample | G           | isopropyl acetate  | <1     | µg/L  |       | 19000         | 7500    |
| 5/6/2014   | 480225          | IEUA           | G           | isopropyl acetate  | <50    | µg/L  |       | 19000         | 7500    |
| 5/21/2014  | WAL 14050225    | INDUSTRY       | G           | isopropyl acetate  | <1     | µg/L  |       | 19000         | 7500    |
| 8/13/2013  | WAL 13080148    | INDUSTRY       | G           | Methylene chloride | <0.010 | mg/L  |       | 3             | 0.7     |
| 11/13/2013 | WAL 13110106    | INDUSTRY       | G           | Methylene chloride | <0.010 | mg/L  |       | 3             | 0.7     |

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 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

| Sampled:   | Sample ID:      | Source:        | Sample Type | Parameter             | Result | Units    | Permit Limits |          |         |
|------------|-----------------|----------------|-------------|-----------------------|--------|----------|---------------|----------|---------|
|            |                 |                |             |                       |        |          | In NC         | Daily    | Monthly |
| 4/25/2014  | WAL 14040248    | Make-Up Sample | G           | Methylene chloride    | <10    | µg/L     |               | 2800     | 600     |
| 5/1/2014   | 1405003         | IEUA           | G           | Methylene chloride    | < 25.0 | µg/L     |               | 2800     | 600     |
| 5/6/2014   | 1405061         | IEUA           | G           | Methylene chloride    | < 25.0 | µg/L     |               | 2800     | 600     |
| 5/21/2014  | WAL 14050225    | INDUSTRY       | G           | Methylene chloride    | <10    | µg/L     |               | 2800     | 600     |
| 2/11/2014  | 1402141         | IEUA           | C           | Mn                    | < 0.02 | mg/L     |               |          |         |
| 5/6/2014   | 1405061         | IEUA           | C           | Mn                    | < 0.02 | mg/L     |               |          |         |
| 8/13/2013  | WAL 13080148    | INDUSTRY       | G           | n-amyl acetate        | <0.200 | mg/L     |               | 20.7     | 8.2     |
| 11/13/2013 | WAL 13110106    | INDUSTRY       | G           | n-amyl acetate        | <0.200 | mg/L     |               | 20.7     | 8.2     |
| 2/11/2014  | Eaton WW 736383 | IEUA           | G           | n-amyl acetate        | <5.0   | µg/L     |               | 19000    | 7500    |
| 4/25/2014  | WAL 14040248    | Make-Up Sample | G           | n-amyl acetate        | <1     | µg/L     |               | 19000    | 7500    |
| 5/6/2014   | 480225          | IEUA           | G           | n-amyl acetate        | <25    | µg/L     |               | 19000    | 7500    |
| 5/21/2014  | WAL 14050225    | INDUSTRY       | G           | n-amyl acetate        | <1     | µg/L     |               | 19000    | 7500    |
| 2/11/2014  | 1402141         | IEUA           | C           | Ni                    | < 0.01 | mg/L     |               | 45       |         |
| 5/6/2014   | 1405061         | IEUA           | C           | Ni                    | < 0.01 | mg/L     |               | 45       |         |
| 5/21/2014  | WAL 14050225    | INDUSTRY       | C           | Ni                    | <0.02  | mg/L     |               | 45       |         |
| 8/13/2013  | WAL 13080148    | INDUSTRY       | G           | Oil and Grease, Total | <5     | mg/L     |               |          |         |
| 11/13/2013 | WAL 13110106    | INDUSTRY       | G           | Oil and Grease, Total | <5     | mg/L     |               |          |         |
| 12/10/2013 | 1312120         | IEUA           | G           | Oil and Grease, Total | < 3    | mg/L     |               |          |         |
| 2/11/2014  | 1402141         | IEUA           | C           | Pb                    | < 0.02 | mg/L     |               | 14       |         |
| 5/6/2014   | 1405061         | IEUA           | C           | Pb                    | < 0.02 | mg/L     |               | 14       |         |
| 5/21/2014  | WAL 14050225    | INDUSTRY       | C           | Pb                    | <0.03  | mg/L     |               | 14       |         |
| 12/10/2013 | 1312120         | IEUA           | Field       | pH                    | 7.14   | pH Units |               | 5.0-12.5 |         |
| 2/11/2014  | 1402141         | IEUA           | Field       | pH                    | 6.74   | pH Units |               | 5.0-12.5 |         |
| 5/21/2014  | WAL 14050225    | INDUSTRY       | Field       | pH                    | 7.0    | pH Units |               | 5.0-12.5 |         |
| 2/11/2014  | 1402141         | IEUA           | C           | Se                    | < 0.02 | mg/L     |               |          |         |
| 5/6/2014   | 1405061         | IEUA           | C           | Se                    | < 0.02 | mg/L     |               |          |         |
| 2/11/2014  | 1402141         | IEUA           | C           | SO4                   | 6      | mg/L     |               |          |         |

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01/19/2013

| Sampled:   | Sample ID:   | Source:  | Sample Type | Parameter | Result | Units | Permit Limits |               |
|------------|--------------|----------|-------------|-----------|--------|-------|---------------|---------------|
|            |              |          |             |           |        |       | In NC         | Daily Monthly |
| 8/13/2013  | WAL 13080148 | INDUSTRY | C           | TDS       | <5     | mg/L  |               | 800           |
| 11/13/2013 | WAL 13110106 | INDUSTRY | C           | TDS       | <5     | mg/L  |               | 800           |
| 12/10/2013 | 1312120      | IEUA     | C           | TDS       | 36     | mg/L  |               | 800           |
| 2/11/2014  | 1402141      | IEUA     | C           | TDS       | 46     | mg/L  |               | 800           |
| 5/6/2014   | 1405061      | IEUA     | C           | TDS       | 95     | mg/L  |               | 800           |
| 5/21/2014  | WAL 14050225 | INDUSTRY | C           | TDS       | <5     | mg/L  |               | 800           |
| 12/10/2013 | 1312120      | IEUA     | Field       | Temp      | 23.4   | °C    |               | 60            |
| 2/11/2014  | 1402141      | IEUA     | Field       | Temp      | 22.1   | °C    |               | 60            |
| 5/21/2014  | WAL 14050225 | INDUSTRY | Field       | Temp      | 23.9   | °C    |               | 60            |
| 12/10/2013 | 1312120      | IEUA     | Field       | TS        | <0.1   | mg/L  |               |               |
| 2/11/2014  | 1402141      | IEUA     | Field       | TS        | <0.1   | mg/L  |               |               |
| 12/10/2013 | 1312120      | IEUA     | C           | TSS       | < 4    | mg/L  |               |               |
| 2/11/2014  | 1402141      | IEUA     | C           | TSS       | 2      | mg/L  |               |               |
|            | WAL 14020103 | INDUSTRY | C           | TSS       | <5     | mg/L  |               |               |
| 5/6/2014   | 1405061      | IEUA     | C           | TSS       | < 4    | mg/L  |               |               |
| 5/21/2014  | WAL 14050225 | INDUSTRY | C           | TSS       | <5     | mg/L  |               |               |
| 2/11/2014  | 1402141      | IEUA     | C           | Zn        | 0.04   | mg/L  |               | 50            |
| 5/6/2014   | 1405061      | IEUA     | C           | Zn        | 0.02   | mg/L  |               | 50            |
| 5/21/2014  | WAL 14050225 | INDUSTRY | C           | Zn        | 0.02   | mg/L  |               | 50            |

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 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field



12/11/2013

| Sampled:   | Sample ID:     | Source:   | Sample Type | Parameter             | Result | Units    | In NC     | Permit Limits |         |
|------------|----------------|-----------|-------------|-----------------------|--------|----------|-----------|---------------|---------|
|            |                |           |             |                       |        |          |           | Daily         | Monthly |
| 12/10/2013 | 1312119        | IEUA      | C           | BOD5                  | 1190   | mg/L     |           |               |         |
| 12/18/2013 | ARL 71148      | INDUSTRY  | C           | BOD5                  | 525    | mg/L     |           |               |         |
| 5/1/2014   | 1405003        | IEUA      | C           | BOD5                  | 1090   | mg/L     |           |               |         |
| 6/12/2014  | ARL 71889      | INDUSTRY  | C           | BOD5                  | 119    | mg/L     |           |               |         |
| 12/9/2013  | 1312119        | IEUA      | Field       | DS                    | <0.1   | mg/L     |           |               |         |
| 5/1/2014   | 1405003        | IEUA      | Field       | DS                    | <0.1   | mg/L     |           |               |         |
| 12/18/2013 | ARL 71148      | INDUSTRY  | Metered     | Flow                  | 54682  | gpd      |           |               | 30000   |
| 6/12/2014  | ARL 71889      | INDUSTRY  | Metered     | Flow                  | 28467  | gpd      |           |               | 30000   |
| 12/18/2013 | ARL 71148      | INDUSTRY  | Metered     | Flow-T                | 54682  | gpd      | <b>NC</b> |               | 40000   |
| 6/12/2014  | ARL 71889      | INDUSTRY  | Metered     | Flow-T                | 28467  | gpd      |           |               | 40000   |
| 12/10/2013 | 1312119        | IEUA      | G           | Oil and Grease, Total | 5      | mg/L     |           |               |         |
| 12/18/2013 | ARL 71148      | INDUSTRY  | G           | Oil and Grease, Total | 54.6   | mg/L     |           |               |         |
| 5/1/2014   | 1405003        | IEUA      | G           | Oil and Grease, Total | 4      | mg/L     |           |               |         |
| 6/12/2014  | ARL 71889      | INDUSTRY  | G           | Oil and Grease, Total | 30.5   | mg/L     |           |               |         |
| 7/24/2013  | ARL 1307-00082 | NC sample | Field       | pH                    | 6.95   | pH Units |           |               | 5-12.5  |
| 7/31/2013  | ARL 1307-00110 | NC sample | Field       | pH                    | 7.89   | pH Units |           |               | 5-12.5  |
| 8/7/2013   | ARL 1308-00039 | NC sample | Field       | pH                    | 6.25   | pH Units |           |               | 5-12.5  |
| 12/9/2013  | 1312119        | IEUA      | Field       | pH                    | 7.2    | pH Units |           |               | 5-12.5  |
| 12/18/2013 | ARL 71148      | INDUSTRY  | Field       | pH                    | 6.90   | pH Units |           |               | 5-12.5  |
| 5/1/2014   | 1405003        | IEUA      | Field       | pH                    | 7.32   | pH Units |           |               | 5-12.5  |
| 6/12/2014  | ARL 71889      | INDUSTRY  | Field       | pH                    | 5.01   | pH Units |           |               | 5-12.5  |
| 12/10/2013 | 1312119        | IEUA      | C           | TDS, Fixed            | 456    | mg/L     |           |               | 800     |
| 12/18/2013 | ARL 71148      | INDUSTRY  | C           | TDS, Fixed            | 780    | mg/L     |           |               | 800     |
| 5/1/2014   | 1405003        | IEUA      | C           | TDS, Fixed            | 546    | mg/L     |           |               | 800     |
| 6/12/2014  | ARL 71889      | INDUSTRY  | C           | TDS, Fixed            | 450    | mg/L     |           |               | 800     |
| 12/9/2013  | 1312119        | IEUA      | Field       | Temp                  | 19.9   | °C       |           |               | 60      |
| 12/18/2013 | ARL 71148      | INDUSTRY  | Field       | Temp                  | 20.4   | °C       |           |               | 60      |
| 5/1/2014   | 1405003        | IEUA      | Field       | Temp                  | 27.4   | °C       |           |               | 60      |

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01/12/2014

| <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> |
| 6/12/2014       | ARL 71889         | INDUSTRY       | Field              | Temp                    | 22.7          | °C           |                      | 60                          |
| 9/30/2013       | Flow              | IU Flow Rpt    | Metered            | Total Gallons per Month | 967763        | Gallons      |                      |                             |
| 10/31/2013      |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 1231194       | Gallons      |                      |                             |
| 11/30/2013      |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 1559375       | Gallons      |                      |                             |
| 12/31/2013      |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 1475653       | Gallons      |                      |                             |
| 12/9/2013       | 1312119           | IEUA           | Field              | TS                      | <0.1          | mg/L         |                      |                             |
| 5/1/2014        | 1405003           | IEUA           | Field              | TS                      | <0.1          | mg/L         |                      |                             |
| 12/10/2013      | 1312119           | IEUA           | C                  | TSS                     | 758           | mg/L         |                      |                             |
| 12/18/2013      | ARL 71148         | INDUSTRY       | C                  | TSS                     | 125           | mg/L         |                      |                             |
| 5/1/2014        | 1405003           | IEUA           | C                  | TSS                     | 365           | mg/L         |                      |                             |
| 6/12/2014       | ARL 71889         | INDUSTRY       | C                  | TSS                     | 40            | mg/L         |                      |                             |

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07/12/13

| Sampled:   | Sample ID:       | Source:        | Sample Type | Parameter | Result | Units | Permit Limits |               |
|------------|------------------|----------------|-------------|-----------|--------|-------|---------------|---------------|
|            |                  |                |             |           |        |       | In NC         | Daily Monthly |
| 7/18/2013  | 1307236          | IEUA           | C           | Ag        | < 0.01 | mg/L  |               |               |
| 12/10/2013 | 1312119          | IEUA           | C           | Ag        | < 0.01 | mg/L  |               |               |
| 3/20/2014  | 1403262          | IEUA           | C           | Ag        | < 0.01 | mg/L  |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | As        | < 0.01 | mg/L  |               |               |
| 12/10/2013 | 1312119          | IEUA           | C           | As        | < 0.01 | mg/L  |               |               |
| 3/20/2014  | 1403262          | IEUA           | C           | As        | < 0.01 | mg/L  |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | Ba        | 0.06   | mg/L  |               |               |
| 12/10/2013 | 1312119          | IEUA           | C           | Ba        | 0.06   | mg/L  |               |               |
| 3/20/2014  | 1403262          | IEUA           | C           | Ba        | 0.03   | mg/L  |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | BOD5      | 492    | mg/L  |               |               |
|            | ESB B3G1868-01,  | INDUSTRY       | C           | BOD5      | <385   | mg/L  |               |               |
| 8/13/2013  | ESB B3H1306-01,  | INDUSTRY       | C           | BOD5      | 1100   | mg/L  |               |               |
| 8/23/2013  | ESB B3H2344-01,  | Make-Up Sample | C           | BOD5      | 500    | mg/L  |               |               |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | C           | BOD5      | 1100   | mg/L  |               |               |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | C           | BOD5      | 1000   | mg/L  |               |               |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | C           | BOD5      | 890    | mg/L  |               |               |
| 12/10/2013 | 1312119          | IEUA           | C           | BOD5      | 1010   | mg/L  |               |               |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | C           | BOD5      | 920    | mg/L  |               |               |
| 1/7/2014   | ESB B4A0479-01,  | INDUSTRY       | C           | BOD5      | 1100   | mg/L  |               |               |
| 3/20/2014  | 1403262          | IEUA           | C           | BOD5      | 878    | mg/L  |               |               |
| 4/3/2014   | ESB B4D0466-01,  | INDUSTRY       | C           | BOD5      | 760    | mg/L  |               |               |
| 5/1/2014   | 1405003          | IEUA           | C           | BOD5      | 840    | mg/L  |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | Cd        | < 0.01 | mg/L  |               | 2.8           |
| 8/2/2013   | ESB B3H0151-01   | Make-Up Sample | C           | Cd        | <0.002 | mg/L  |               | 2.8           |
| 8/23/2013  | ESB B3H2361-01,  | INDUSTRY       | C           | Cd        | <0.002 | mg/L  |               | 2.8           |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | C           | Cd        | <0.002 | mg/L  |               | 2.8           |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | C           | Cd        | <0.002 | mg/L  |               | 2.8           |

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11/19/2013

| Sampled:   | Sample ID:       | Source:        | Sample Type | Parameter | Result  | Units | Permit Limits |               |
|------------|------------------|----------------|-------------|-----------|---------|-------|---------------|---------------|
|            |                  |                |             |           |         |       | In NC         | Daily Monthly |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | C           | Cd        | <0.002  | mg/L  |               | 2.8           |
| 12/10/2013 | 1312119          | IEUA           | C           | Cd        | < 0.01  | mg/L  |               | 2.8           |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | C           | Cd        | <0.002  | mg/L  |               | 2.8           |
| 3/20/2014  | 1403262          | IEUA           | C           | Cd        | < 0.01  | mg/L  |               |               |
| 7/18/2013  | 1307236          | IEUA           | G           | CN        | < 0.005 | mg/L  |               | 1.2           |
| 8/22/2013  | ESB B3H2344-01,  | Make-Up Sample | G           | CN        | <0.005  | mg/L  |               | 1.2           |
| 8/23/2013  | ESB B3H2361-01,  | INDUSTRY       | G           | CN        | 0.006   | mg/L  |               | 1.2           |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | G           | CN        | <0.005  | mg/L  |               | 1.2           |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | G           | CN        | <0.005  | mg/L  |               | 1.2           |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | G           | CN        | <0.005  | mg/L  |               | 1.2           |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | G           | CN        | <0.005  | mg/L  |               | 1.2           |
| 12/10/2013 | 1312119          | IEUA           | G           | CN, Total | 0.012   | mg/L  |               |               |
| 3/20/2014  | 1403262          | IEUA           | G           | CN, Total | 0.005   | mg/L  |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | Co        | < 0.01  | mg/L  |               |               |
| 12/10/2013 | 1312119          | IEUA           | C           | Co        | < 0.01  | mg/L  |               |               |
| 3/20/2014  | 1403262          | IEUA           | C           | Co        | < 0.01  | mg/L  |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | Cr        | < 0.01  | mg/L  |               | 60            |
| 8/2/2013   | ESB B3H0151-01   | Make-Up Sample | C           | Cr        | <0.020  | mg/L  |               | 60            |
| 8/23/2013  | ESB B3H2361-01,  | INDUSTRY       | C           | Cr        | <0.020  | mg/L  |               | 60            |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | C           | Cr        | <0.020  | mg/L  |               | 60            |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | C           | Cr        | <0.020  | mg/L  |               | 60            |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | C           | Cr        | <0.020  | mg/L  |               | 60            |
| 12/10/2013 | 1312119          | IEUA           | C           | Cr        | 0.03    | mg/L  |               | 60            |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | C           | Cr        | <0.020  | mg/L  |               | 60            |
| 3/20/2014  | 1403262          | IEUA           | C           | Cr        | < 0.01  | mg/L  |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | Cu        | 0.02    | mg/L  |               | 45            |

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09/20/13

| Sampled:   | Sample ID:       | Source:        | Sample Type | Parameter | Result   | Units | In NC     | Permit Limits |         |
|------------|------------------|----------------|-------------|-----------|----------|-------|-----------|---------------|---------|
|            |                  |                |             |           |          |       |           | Daily         | Monthly |
| 8/2/2013   | ESB B3H0151-01   | Make-Up Sample | C           | Cu        | 0.032    | mg/L  |           | 45            |         |
| 8/23/2013  | ESB B3H2361-01,  | INDUSTRY       | C           | Cu        | 0.052    | mg/L  |           | 45            |         |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | C           | Cu        | 0.064    | mg/L  |           | 45            |         |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | C           | Cu        | 0.046    | mg/L  |           | 45            |         |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | C           | Cu        | 0.056    | mg/L  |           | 45            |         |
| 12/10/2013 | 1312119          | IEUA           | C           | Cu        | 0.04     | mg/L  |           | 45            |         |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | C           | Cu        | 0.047    | mg/L  |           | 45            |         |
| 3/20/2014  | 1403262          | IEUA           | C           | Cu        | 0.03     | mg/L  |           |               |         |
| 7/18/2013  | 1307236          | IEUA           | Field       | DS        | <0.1     | mg/L  |           |               |         |
| 12/10/2013 | 1312119          | IEUA           | Field       | DS        | <0.1     | mg/L  |           |               |         |
| 3/20/2014  | 1403262          | IEUA           | Field       | DS        | <0.1     | mg/L  |           |               |         |
| 5/1/2014   | 1405003          | IEUA           | Field       | DS        | <0.1     | mg/L  |           |               |         |
| 7/18/2013  | 1307236          | IEUA           | C           | Fe        | 0.57     | mg/L  |           |               |         |
| 12/10/2013 | 1312119          | IEUA           | C           | Fe        | 1.48     | mg/L  |           |               |         |
| 3/20/2014  | 1403262          | IEUA           | C           | Fe        | 0.15     | mg/L  |           |               |         |
| 7/18/2013  | ESB B3G1868-01,  | INDUSTRY       | Metered     | Flow-T    | 5192     | gpd   |           |               | 50000   |
| 8/2/2013   | ESB B3H0151-01   | Make-Up Sample | Metered     | Flow-T    | 4154     | gpd   |           |               | 50000   |
| 8/13/2013  | ESB B3H1306-01,  | INDUSTRY       | Metered     | Flow-T    | 11226.1  | gpd   |           |               | 50000   |
| 8/22/2013  | ESB B3H2344-01,  | Make-Up Sample | Metered     | Flow-T    | 30235    | gpd   |           |               | 50000   |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | Metered     | Flow-T    | 35754    | gpd   |           |               | 50000   |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | Metered     | Flow-T    | 32772.1  | gpd   |           |               | 50000   |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | Metered     | Flow-T    | 40091.7  | gpd   |           |               | 50000   |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | Metered     | Flow-T    | 125637   | gpd   | <b>NC</b> |               | 50000   |
| 1/7/2014   | ESB B4A0479-01,  | INDUSTRY       | Metered     | Flow-T    | 125343.7 | gpd   |           |               |         |
| 4/3/2014   | ESB B4D0466-01,  | INDUSTRY       | Metered     | Flow-T    | 116073   | gpd   |           |               |         |
| 7/18/2013  | 1307236          | IEUA           | C           | Mn        | < 0.02   | mg/L  |           |               |         |

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12/10/2013

| Sampled:   | Sample ID:       | Source:        | Sample Type | Parameter | Result | Units    | Permit Limits |               |
|------------|------------------|----------------|-------------|-----------|--------|----------|---------------|---------------|
|            |                  |                |             |           |        |          | In NC         | Daily Monthly |
| 12/10/2013 | 1312119          | IEUA           | C           | Mn        | 0.04   | mg/L     |               |               |
| 3/20/2014  | 1403262          | IEUA           | C           | Mn        | < 0.02 | mg/L     |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | Ni        | < 0.01 | mg/L     |               | 45            |
| 8/2/2013   | ESB B3H0151-01   | Make-Up Sample | C           | Ni        | <0.020 | mg/L     |               | 45            |
| 8/23/2013  | ESB B3H2361-01,  | INDUSTRY       | C           | Ni        | <0.020 | mg/L     |               | 45            |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | C           | Ni        | <0.020 | mg/L     |               | 45            |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | C           | Ni        | <0.020 | mg/L     |               | 45            |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | C           | Ni        | <0.020 | mg/L     |               | 45            |
| 12/10/2013 | 1312119          | IEUA           | C           | Ni        | 0.01   | mg/L     |               | 45            |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | C           | Ni        | <0.020 | mg/L     |               | 45            |
| 3/20/2014  | 1403262          | IEUA           | C           | Ni        | < 0.01 | mg/L     |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | Pb        | < 0.02 | mg/L     |               | 14            |
| 8/2/2013   | ESB B3H0151-01   | Make-Up Sample | C           | Pb        | <0.010 | mg/L     |               | 14            |
| 8/23/2013  | ESB B3H2361-01,  | INDUSTRY       | C           | Pb        | <0.010 | mg/L     |               | 14            |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | C           | Pb        | <0.010 | mg/L     |               | 14            |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | C           | Pb        | <0.010 | mg/L     |               | 14            |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | C           | Pb        | <0.010 | mg/L     |               | 14            |
| 12/10/2013 | 1312119          | IEUA           | C           | Pb        | < 0.02 | mg/L     |               | 14            |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | C           | Pb        | <0.010 | mg/L     |               | 14            |
| 3/20/2014  | 1403262          | IEUA           | C           | Pb        | < 0.02 | mg/L     |               |               |
| 7/18/2013  | ESB B3G1868-01,  | INDUSTRY       | Field       | pH        | 9.6    | pH Units |               | 5.0 - 12.5    |
|            | 1307236          | IEUA           | Field       | pH        | 10.2   | pH Units |               | 5.0 - 12.5    |
| 8/13/2013  | ESB B3H1306-01,  | INDUSTRY       | Field       | pH        | 9.3    | pH Units |               | 5.0 - 12.5    |
| 8/23/2013  | ESB B3H2361-01,  | INDUSTRY       | Field       | pH        | 9.5    | pH Units |               | 5.0 - 12.5    |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | Field       | pH        | 10.3   | pH Units |               | 5.0 - 12.5    |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | Field       | pH        | 9.4    | pH Units |               | 5.0 - 12.5    |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | Field       | pH        | 9.2    | pH Units |               | 5.0 - 12.5    |

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12/11/2013

| Sampled:   | Sample ID:       | Source:   | Sample Type | Parameter  | Result | Units    | Permit Limits |               |
|------------|------------------|-----------|-------------|------------|--------|----------|---------------|---------------|
|            |                  |           |             |            |        |          | In NC         | Daily Monthly |
| 12/10/2013 | 1312119          | IEUA      | Field       | pH         | 8.18   | pH Units |               | 5.0 - 12.5    |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY  | Field       | pH         | 6.7    | pH Units |               | 5.0 - 12.5    |
| 1/7/2014   | ESB B4A0479-01,  | INDUSTRY  | Field       | pH         | 7.3    | pH Units |               | 5.0 - 12.5    |
| 3/20/2014  | 1403262          | IEUA      | Field       | pH         | 8.70   | pH Units |               | 5.0 - 12.5    |
| 4/3/2014   | ESB B4D0466-01,  | INDUSTRY  | Field       | pH         | 6.62   | pH Units |               | 5.0 - 12.5    |
| 5/1/2014   | 1405003          | IEUA      | Field       | pH         | 8.00   | pH Units |               | 5.0 - 12.5    |
| 7/18/2013  | 1307236          | IEUA      | C           | Se         | < 0.02 | mg/L     |               |               |
| 12/10/2013 | 1312119          | IEUA      | C           | Se         | < 0.02 | mg/L     |               |               |
| 3/20/2014  | 1403262          | IEUA      | C           | Se         | < 0.02 | mg/L     |               |               |
| 7/18/2013  | 1307236          | IEUA      | C           | TDS        | 1060   | mg/L     |               |               |
|            | ESB B3G1868-01,  | INDUSTRY  | C           | TDS        | 860    | mg/L     |               |               |
| 8/13/2013  | ESB B3H1306-01,  | INDUSTRY  | C           | TDS        | 7500   | mg/L     |               |               |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY  | C           | TDS        | 1600   | mg/L     |               |               |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY  | C           | TDS        | 1400   | mg/L     |               |               |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY  | C           | TDS        | 1300   | mg/L     |               |               |
| 12/10/2013 | 1312119          | IEUA      | C           | TDS        | 972    | mg/L     |               |               |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY  | C           | TDS        | 1000   | mg/L     |               |               |
| 12/12/2013 | B3L1253-01       | INDUSTRY  | C           | TDS        | 1200   | mg/L     |               |               |
| 12/20/2013 | B3L2058-01       | INDUSTRY  | C           | TDS        | 1000   | mg/L     |               |               |
| 12/31/2013 | B3L2684-01       | INDUSTRY  | C           | TDS        | 1100   | mg/L     |               |               |
| 1/7/2014   | ESB B4A0479-01,  | INDUSTRY  | C           | TDS        | 1300   | mg/L     |               |               |
| 3/20/2014  | 1403262          | IEUA      | C           | TDS        | 880    | mg/L     |               |               |
| 4/3/2014   | ESB B4D0466-01,  | INDUSTRY  | C           | TDS        | 1200   | mg/L     |               |               |
| 5/1/2014   | 1405003          | IEUA      | C           | TDS        | 986    | mg/L     |               |               |
| 6/26/2014  | ESB B4F2637-01   | NC sample | C           | TDS        | 900    | mg/L     |               |               |
| 7/18/2013  | 1307236          | IEUA      | C           | TDS, Fixed | 792    | mg/L     | <b>NC</b>     | 550           |
|            | ESB B3G1868-01,  | INDUSTRY  | C           | TDS, Fixed | 340    | mg/L     |               | 550           |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY  | C           | TDS, Fixed | 510    | mg/L     |               | 550           |

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10/27/2013

| Sampled:   | Sample ID:       | Source:   | Sample Type | Parameter  | Result | Units | In NC | Permit Limits |         |
|------------|------------------|-----------|-------------|------------|--------|-------|-------|---------------|---------|
|            |                  |           |             |            |        |       |       | Daily         | Monthly |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY  | C           | TDS, Fixed | 580    | mg/L  | NC    | 550           |         |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY  | C           | TDS, Fixed | 670    | mg/L  | NC    | 550           |         |
| 12/10/2013 | B3L1253-01       | NC sample | C           | TDS, Fixed | 460    | mg/L  |       | 550           |         |
|            | 1312119          | IEUA      | C           | TDS, Fixed | 636    | mg/L  | NC    | 550           |         |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY  | C           | TDS, Fixed | 640    | mg/L  | NC    | 550           |         |
| 12/20/2013 | B3L2058-01       | NC sample | C           | TDS, Fixed | 610    | mg/L  | NC    | 550           |         |
| 12/31/2013 | B3L2684-01       | NC sample | C           | TDS, Fixed | 600    | mg/L  | NC    | 550           |         |
| 1/7/2014   | ESB B4A0479-01,  | INDUSTRY  | C           | TDS, Fixed | 530    | mg/L  |       | 550           |         |
| 3/20/2014  | 1403262          | IEUA      | C           | TDS, Fixed | 436    | mg/L  |       | 550           |         |
| 4/3/2014   | ESB B4D0466-01,  | INDUSTRY  | C           | TDS, Fixed | 520    | mg/L  |       | 550           |         |
| 5/1/2014   | 1405003          | IEUA      | C           | TDS, Fixed | 658    | mg/L  | NC    | 550           |         |
| 6/26/2014  | ESB B4F2637-01   | NC sample | C           | TDS, Fixed | 350    | mg/L  |       | 550           |         |
| 7/18/2013  | 1307236          | IEUA      | Field       | Temp       | 27.5   | °C    |       | 60            |         |
| 8/23/2013  | ESB B3H2361-01,  | INDUSTRY  | Field       | Temp       | 29.5   | °C    |       | 60            |         |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY  | Field       | Temp       | 29.9   | °C    |       | 60            |         |
| 12/10/2013 | 1312119          | IEUA      | Field       | Temp       | 19.9   | °C    |       | 60            |         |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY  | Field       | Temp       | 18.8   | °C    |       | 60            |         |
| 3/20/2014  | 1403262          | IEUA      | Field       | Temp       | 24.8   | °C    |       | 60            |         |
| 5/1/2014   | 1405003          | IEUA      | Field       | Temp       | 26.2   | °C    |       | 60            |         |
| 7/18/2013  | 1307236          | IEUA      | Field       | TS         | <0.1   | mg/L  |       |               |         |
| 12/10/2013 | 1312119          | IEUA      | Field       | TS         | <0.1   | mg/L  |       |               |         |
| 3/20/2014  | 1403262          | IEUA      | Field       | TS         | <0.1   | mg/L  |       |               |         |
| 5/1/2014   | 1405003          | IEUA      | Field       | TS         | <0.1   | mg/L  |       |               |         |
| 7/18/2013  | ESB B3G1868-01,  | INDUSTRY  | C           | TSS        | 150    | mg/L  |       |               |         |
|            | 1307236          | IEUA      | C           | TSS        | 61     | mg/L  |       |               |         |
| 8/13/2013  | ESB B3H1306-01,  | INDUSTRY  | C           | TSS        | 240    | mg/L  |       |               |         |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY  | C           | TSS        | 240    | mg/L  |       |               |         |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY  | C           | TSS        | 340    | mg/L  |       |               |         |

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11/12/2013

| Sampled:   | Sample ID:       | Source:        | Sample Type | Parameter | Result | Units | Permit Limits |               |
|------------|------------------|----------------|-------------|-----------|--------|-------|---------------|---------------|
|            |                  |                |             |           |        |       | In NC         | Daily Monthly |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | C           | TSS       | 300    | mg/L  |               |               |
| 12/10/2013 | 1312119          | IEUA           | C           | TSS       | 228    | mg/L  |               |               |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | C           | TSS       | 180    | mg/L  |               |               |
| 1/7/2014   | ESB B4A0479-01,  | INDUSTRY       | C           | TSS       | 190    | mg/L  |               |               |
| 3/20/2014  | 1403262          | IEUA           | C           | TSS       | 31     | mg/L  |               |               |
| 4/3/2014   | ESB B4D0466-01,  | INDUSTRY       | C           | TSS       | 170    | mg/L  |               |               |
| 5/1/2014   | 1405003          | IEUA           | C           | TSS       | 260    | mg/L  |               |               |
| 7/18/2013  | 1307236          | IEUA           | C           | Zn        | 0.06   | mg/L  |               | 50            |
| 8/2/2013   | ESB B3H0151-01   | Make-Up Sample | C           | Zn        | 0.039  | mg/L  |               | 50            |
| 8/23/2013  | ESB B3H2361-01,  | INDUSTRY       | C           | Zn        | 0.200  | mg/L  |               | 50            |
| 9/4/2013   | ESB B3I0339-01,0 | INDUSTRY       | C           | Zn        | 0.190  | mg/L  |               | 50            |
| 10/23/2013 | ESB B3J2317-01,0 | INDUSTRY       | C           | Zn        | 0.310  | mg/L  |               | 50            |
| 11/8/2013  | ESB B3K0755-01,  | INDUSTRY       | C           | Zn        | 0.340  | mg/L  |               | 50            |
| 12/10/2013 | 1312119          | IEUA           | C           | Zn        | 0.29   | mg/L  |               | 50            |
| 12/11/2013 | ESB B3L1158-01,0 | INDUSTRY       | C           | Zn        | 0.160  | mg/L  |               | 50            |
| 3/20/2014  | 1403262          | IEUA           | C           | Zn        | < 0.02 | mg/L  |               |               |

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09/26/2013

| Sampled:   | Sample ID:   | Source:  | Sample Type | Parameter                  | Result  | Units | In NC | Permit Limits |         |
|------------|--------------|----------|-------------|----------------------------|---------|-------|-------|---------------|---------|
|            |              |          |             |                            |         |       |       | Daily         | Monthly |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | 2,4,6-Trichlorophenol      | <0.010  | mg/L  |       | 0.155         | 0.106   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | 2,4,6-Trichlorophenol      | <0.010  | mg/L  |       | 0.155         | 0.106   |
| 12/17/2013 | WAL 13120166 | IEUA     | C           | 2,4,6-Trichlorophenol      | <0.01   | mg/L  |       | 0.155         | 0.106   |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Ag                         | <0.02   | mg/L  |       | 0.120         | 0.0351  |
| 9/26/2013  | 1309328      | IEUA     | C           | Ag                         | < 0.01  | mg/L  |       | 0.120         | 0.0351  |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Ag                         | <0.02   | mg/L  |       | 0.120         | 0.0351  |
| 12/17/2013 | 1312206      | IEUA     | C           | Ag                         | < 0.01  | mg/L  |       | 0.120         | 0.0351  |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | As                         | <0.01   | mg/L  |       | 0.162         | 0.104   |
| 9/26/2013  | 1309328      | IEUA     | C           | As                         | < 0.01  | mg/L  |       | 0.162         | 0.104   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | As                         | <0.01   | mg/L  |       | 0.162         | 0.104   |
| 12/17/2013 | 1312206      | IEUA     | C           | As                         | < 0.01  | mg/L  |       | 0.162         | 0.104   |
| 9/26/2013  | 1309328      | IEUA     | C           | Ba                         | 0.02    | mg/L  |       |               |         |
| 12/17/2013 | 1312206      | IEUA     | C           | Ba                         | < 0.01  | mg/L  |       |               |         |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Bis(2-ethylhexyl)phthalate | <0.010  | mg/L  |       | 0.215         | 0.101   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Bis(2-ethylhexyl)phthalate | <0.010  | mg/L  |       | 0.215         | 0.101   |
| 12/17/2013 | WAL 13120166 | IEUA     | C           | Bis(2-ethylhexyl)phthalate | <0.01   | mg/L  |       | 0.215         | 0.101   |
| 9/26/2013  | 1309328      | IEUA     | C           | BOD5                       | 2       | mg/L  |       |               |         |
| 12/17/2013 | 1312206      | IEUA     | C           | BOD5                       | < 1     | mg/L  |       |               |         |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Carbazole                  | <0.010  | mg/L  |       | 0.598         | 0.276   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Carbazole                  | <0.010  | mg/L  |       | 0.598         | 0.276   |
| 12/17/2013 | WAL 13120166 | IEUA     | C           | Carbazole                  | <0.01   | mg/L  |       | 0.598         | 0.276   |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Cd                         | <0.01   | mg/L  |       | 0474          | 0.0962  |
| 9/26/2013  | 1309328      | IEUA     | C           | Cd                         | < 0.01  | mg/L  |       | 0474          | 0.0962  |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Cd                         | <0.01   | mg/L  |       | 0474          | 0.0962  |
| 12/17/2013 | 1312206      | IEUA     | C           | Cd                         | < 0.01  | mg/L  |       | 0474          | 0.0962  |
| 9/24/2013  | EC 130924-7  | INDUSTRY | G           | CN                         | <0.01   | mg/L  |       |               |         |
| 12/9/2013  | EC 131209-43 | INDUSTRY | G           | CN                         | <0.01   | mg/L  |       |               |         |
| 9/26/2013  | 1309328      | IEUA     | G           | CN, Total                  | < 0.005 | mg/L  |       |               |         |

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12/17/2013

| Sampled:   | Sample ID:   | Source:  | Sample Type | Parameter    | Result   | Units | In NC | Permit Limits |          |
|------------|--------------|----------|-------------|--------------|----------|-------|-------|---------------|----------|
|            |              |          |             |              |          |       |       | Daily         | Monthly  |
| 12/17/2013 | 1312206      | IEUA     | G           | CN, Total    | < 0.005  | mg/L  |       |               |          |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Co           | <0.02    | mg/L  |       | 0.192         | 0.124    |
| 9/26/2013  | 1309328      | IEUA     | C           | Co           | < 0.01   | mg/L  |       | 0.192         | 0.124    |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Co           | <0.02    | mg/L  |       | 0.192         | 0.124    |
| 12/17/2013 | 1312206      | IEUA     | C           | Co           | < 0.01   | mg/L  |       | 0.192         | 0.124    |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Cr           | <0.01    | mg/L  |       | 0.746         | 0.323    |
| 9/26/2013  | 1309328      | IEUA     | C           | Cr           | < 0.01   | mg/L  |       | 0.746         | 0.323    |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Cr           | <0.01    | mg/L  |       | 0.746         | 0.323    |
| 12/17/2013 | 1312206      | IEUA     | C           | Cr           | < 0.01   | mg/L  |       | 0.746         | 0.323    |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Cu           | <0.02    | mg/L  |       | 0.5           | 0.242    |
| 9/26/2013  | 1309328      | IEUA     | C           | Cu           | < 0.02   | mg/L  |       | 0.5           | 0.242    |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Cu           | <0.02    | mg/L  |       | 0.5           | 0.242    |
| 12/17/2013 | 1312206      | IEUA     | C           | Cu           | < 0.02   | mg/L  |       | 0.5           | 0.242    |
| 9/26/2013  | 1309328      | IEUA     | Field       | DS           | <0.1     | mg/L  |       |               |          |
| 12/17/2013 | 1312206      | IEUA     | Field       | DS           | <0.1     | mg/L  |       |               |          |
| 9/26/2013  | 1309328      | IEUA     | C           | Fe           | < 0.15   | mg/L  |       |               |          |
| 12/17/2013 | 1312206      | IEUA     | C           | Fe           | < 0.15   | mg/L  |       |               |          |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Fluoranthene | <0.010   | mg/L  |       | 0.0537        | 0.0268   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Fluoranthene | <0.010   | mg/L  |       | 0.0537        | 0.0268   |
| 12/17/2013 | WAL 13120166 | IEUA     | C           | Fluoranthene | <0.01    | mg/L  |       | 0.0537        | 0.0268   |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Hg           | <0.0005  | mg/L  |       | 0.00234       | 0.000739 |
| 9/26/2013  | 1309328      | IEUA     | C           | Hg           | < 0.0005 | mg/L  |       | 0.00234       | 0.000739 |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Hg           | <0.0005  | mg/L  |       | 0.00234       | 0.000739 |
| 12/17/2013 | 1312206      | IEUA     | C           | Hg           | < 0.0005 | mg/L  |       | 0.00234       | 0.000739 |
| 9/26/2013  | 1309328      | IEUA     | C           | Mn           | < 0.02   | mg/L  |       |               |          |
| 12/17/2013 | 1312206      | IEUA     | C           | Mn           | < 0.02   | mg/L  |       |               |          |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | n-Decane     | <0.010   | mg/L  |       | 0.948         | 0.437    |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | n-Decane     | <0.010   | mg/L  |       | 0.948         | 0.437    |

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12/17/2013

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|------------|--------------|----------|-------------|--------------|--------|----------|-------|---------------|---------|
|            |              |          |             |              |        |          |       | Daily         | Monthly |
| 12/17/2013 | WAL 13120166 | IEUA     | C           | n-Decane     | <0.01  | mg/L     |       | 0.948         | 0.437   |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Ni           | <0.05  | mg/L     |       | 3.95          | 1.45    |
| 9/26/2013  | 1309328      | IEUA     | C           | Ni           | < 0.01 | mg/L     |       | 3.95          | 1.45    |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Ni           | <0.05  | mg/L     |       | 3.95          | 1.45    |
| 12/17/2013 | 1312206      | IEUA     | C           | Ni           | < 0.01 | mg/L     |       | 3.95          | 1.45    |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | n-Octadecane | <0.010 | mg/L     |       | 0.589         | 0.302   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | n-Octadecane | <0.010 | mg/L     |       | 0.589         | 0.302   |
| 12/17/2013 | WAL 13120166 | IEUA     | C           | n-Octadecane | <0.01  | mg/L     |       | 0.589         | 0.302   |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | O-Cresol     | <0.010 | mg/L     |       | 1.92          | 0.561   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | O-Cresol     | <0.010 | mg/L     |       | 1.92          | 0.561   |
| 12/17/2013 | WAL 13120166 | IEUA     | C           | O-Cresol     | <0.01  | mg/L     |       | 1.92          | 0.561   |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Pb           | <0.01  | mg/L     |       | 0.350         | 0.160   |
| 9/26/2013  | 1309328      | IEUA     | C           | Pb           | < 0.02 | mg/L     |       | 0.350         | 0.160   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Pb           | <0.01  | mg/L     |       | 0.350         | 0.160   |
| 12/17/2013 | 1312206      | IEUA     | C           | Pb           | < 0.02 | mg/L     |       | 0.350         | 0.160   |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | p-Cresol     | <0.010 | mg/L     |       | 0.698         | 0.205   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | p-Cresol     | <0.010 | mg/L     |       | 0.698         | 0.205   |
| 12/17/2013 | WAL 13120166 | IEUA     | C           | p-Cresol     | <0.01  | mg/L     |       | 0.698         | 0.205   |
| 9/24/2013  | EC 130924-7  | INDUSTRY | Field       | pH           | 8.10   | pH Units |       | 5.0 - 12.5    |         |
| 9/26/2013  | 1309328      | IEUA     | Field       | pH           | 8.35   | pH Units |       | 5.0 - 12.5    |         |
| 12/9/2013  | EC 131209-43 | INDUSTRY | Field       | pH           | 9.17   | pH Units |       | 5.0 - 12.5    |         |
| 12/17/2013 | 1312206      | IEUA     | Field       | pH           | 9.05   | pH Units |       | 5.0 - 12.5    |         |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Sb           | <0.02  | mg/L     |       | 0.249         | 0.206   |
| 12/9/2013  | EC 131209-43 | INDUSTRY | C           | Sb           | <0.02  | mg/L     |       | 0.249         | 0.206   |
| 12/17/2013 | 1312206      | IEUA     | C           | Sb           | < 0.02 | mg/L     |       | 0.249         | 0.206   |
| 9/26/2013  | 1309328      | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 12/17/2013 | 1312206      | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 9/24/2013  | EC 130924-7  | INDUSTRY | C           | Sn           | <0.10  | mg/L     |       | 0.409         | 0.120   |

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 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

10/26/2013

| Sampled:   | Sample ID:   | Source:     | Sample Type | Parameter               | Result | Units   | In NC | Permit Limits |         |
|------------|--------------|-------------|-------------|-------------------------|--------|---------|-------|---------------|---------|
|            |              |             |             |                         |        |         |       | Daily         | Monthly |
| 9/26/2013  | 1309328      | IEUA        | C           | Sn                      | < 0.02 | mg/L    |       | 0.409         | 0.120   |
| 12/9/2013  | EC 131209-43 | INDUSTRY    | C           | Sn                      | <0.10  | mg/L    |       | 0.409         | 0.120   |
| 12/17/2013 | 1312206      | IEUA        | C           | Sn                      | < 0.02 | mg/L    |       | 0.409         | 0.120   |
| 9/24/2013  | EC 130924-7  | INDUSTRY    | C           | TDS                     | 578    | mg/L    |       |               |         |
| 9/26/2013  | 1309328      | IEUA        | C           | TDS                     | 680    | mg/L    |       |               |         |
| 12/9/2013  | EC 131209-43 | INDUSTRY    | C           | TDS                     | 748    | mg/L    |       |               |         |
| 12/17/2013 | 1312206      | IEUA        | C           | TDS                     | 764    | mg/L    |       |               |         |
| 9/24/2013  | EC 130924-7  | INDUSTRY    | C           | TDS, Fixed              | 428    | mg/L    |       | 800           |         |
| 9/26/2013  | 1309328      | IEUA        | C           | TDS, Fixed              | 656    | mg/L    |       | 800           |         |
| 12/9/2013  | EC 131209-43 | INDUSTRY    | C           | TDS, Fixed              | 530    | mg/L    |       | 800           |         |
| 12/17/2013 | 1312206      | IEUA        | C           | TDS, Fixed              | 740    | mg/L    |       | 800           |         |
| 9/26/2013  | 1309328      | IEUA        | Field       | Temp                    | 31.8   | °C      |       |               |         |
| 12/17/2013 | 1312206      | IEUA        | Field       | Temp                    | 16.8   | °C      |       |               |         |
| 9/24/2013  | EC 130924-7  | INDUSTRY    | C           | Ti                      | <0.05  | mg/L    |       | 0.0947        | 0.0618  |
| 9/26/2013  | 1309328      | IEUA        | C           | Ti                      | < 0.01 | mg/L    |       | 0.0947        | 0.0618  |
| 12/9/2013  | EC 131209-43 | INDUSTRY    | C           | Ti                      | <0.05  | mg/L    |       | 0.0947        | 0.0618  |
| 12/17/2013 | 1312206      | IEUA        | C           | Ti                      | < 0.01 | mg/L    |       | 0.0947        | 0.0618  |
| 12/31/2013 | Flow         | IU Flow Rpt | Metered     | Total Gallons per Month | 0      | Gallons |       |               |         |
| 9/26/2013  | 1309328      | IEUA        | Field       | TS                      | <0.1   | mg/L    |       |               |         |
| 12/17/2013 | 1312206      | IEUA        | Field       | TS                      | <0.1   | mg/L    |       |               |         |
| 9/24/2013  | EC 130924-7  | INDUSTRY    | C           | TSS                     | 4      | mg/L    |       |               |         |
| 9/26/2013  | 1309328      | IEUA        | C           | TSS                     | < 10   | mg/L    |       |               |         |
| 12/9/2013  | EC 131209-43 | INDUSTRY    | C           | TSS                     | 3      | mg/L    |       |               |         |
| 12/17/2013 | 1312206      | IEUA        | C           | TSS                     | < 4    | mg/L    |       |               |         |
| 9/24/2013  | EC 130924-7  | INDUSTRY    | C           | V                       | <0.05  | mg/L    |       | 0.218         | 0.0662  |
| 9/26/2013  | 1309328      | IEUA        | C           | V                       | <0.02  | mg/L    |       | 0.218         | 0.0662  |
| 12/9/2013  | EC 131209-43 | INDUSTRY    | C           | V                       | <0.05  | mg/L    |       | 0.218         | 0.0662  |
| 12/17/2013 | 1312206      | IEUA        | C           | V                       | < 0.02 | mg/L    |       | 0.218         | 0.0662  |

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D = Daily Limit L = Local Limit M = Monthly Limit T = Exceeds TRC Limit \*\*\* = Exceeds TRC 33%  
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09/24/2013

| <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> |
| 9/24/2013       | EC 130924-7       | INDUSTRY       | C                  | Zn               | <0.01         | mg/L         |                      | 2.87         | 0.641          |
| 9/26/2013       | 1309328           | IEUA           | C                  | Zn               | < 0.02        | mg/L         |                      | 2.87         | 0.641          |
| 12/9/2013       | EC 131209-43      | INDUSTRY       | C                  | Zn               | <0.01         | mg/L         |                      | 2.87         | 0.641          |
| 12/17/2013      | 1312206           | IEUA           | C                  | Zn               | < 0.02        | mg/L         |                      | 2.87         | 0.641          |

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7/11/2013

| Sampled:   | Sample ID:   | Source:   | Sample Type | Parameter | Result | Units | Permit Limits |               |
|------------|--------------|-----------|-------------|-----------|--------|-------|---------------|---------------|
|            |              |           |             |           |        |       | In NC         | Daily Monthly |
| 7/9/2013   | WAL 13070064 | INDUSTRY  | C           | BOD5      | 5      | mg/L  |               |               |
| 8/6/2013   | WAL 13080058 | INDUSTRY  | C           | BOD5      | 6      | mg/L  |               |               |
| 8/8/2013   | 1308088      | IEUA      | C           | BOD5      | 13     | mg/L  |               |               |
| 9/4/2013   | WAL 13090013 | INDUSTRY  | C           | BOD5      | 28     | mg/L  |               |               |
| 10/2/2013  | WAL 13100017 | INDUSTRY  | C           | BOD5      | 800    | mg/L  |               |               |
| 11/5/2013  | WAL 13100428 | INDUSTRY  | C           | BOD5      | 319    | mg/L  |               |               |
| 12/3/2013  | WAL 13110351 | INDUSTRY  | C           | BOD5      | 186    | mg/L  |               |               |
| 12/10/2013 | 1312120      | IEUA      | C           | BOD5      | 106    | mg/L  |               |               |
| 1/7/2014   | WAL 14010023 | INDUSTRY  | C           | BOD5      | 41     | mg/L  |               |               |
| 2/4/2014   | WAL 14020015 | INDUSTRY  | C           | BOD5      | 48     | mg/L  |               |               |
| 3/4/2014   | WAL 14020377 | INDUSTRY  | C           | BOD5      | 22     | mg/L  |               |               |
| 3/27/2014  | 1403355      | IEUA      | C           | BOD5      | 31     | mg/L  |               |               |
| 4/10/2014  | WAL 14040061 | INDUSTRY  | C           | BOD5      | 22     | mg/L  |               |               |
| 5/1/2014   | 1405003      | IEUA      | C           | BOD5      | 13     | mg/L  |               |               |
| 5/6/2014   | WAL 14050028 | INDUSTRY  | C           | BOD5      | 15     | mg/L  |               |               |
| 6/18/2014  | WAL 14060188 | INDUSTRY  | C           | BOD5      | 50     | mg/L  |               |               |
| 8/8/2013   | 1308088      | IEUA      | Field       | DS        | <0.1   | mg/L  |               |               |
| 12/10/2013 | 1312120      | IEUA      | Field       | DS        | <0.1   | mg/L  |               |               |
| 3/27/2014  | 1403355      | IEUA      | Field       | DS        | <0.1   | mg/L  |               |               |
| 5/1/2014   | 1405003      | IEUA      | Field       | DS        | <0.1   | mg/L  |               |               |
| 5/6/2014   | WAL 14050028 | INDUSTRY  | Measured    | Flow-P    | 34     | gpm   |               |               |
| 5/23/2014  | WAL 14050255 | NC sample | Measured    | Flow-P    | 63     | gpm   |               |               |
| 7/9/2013   | WAL 13070064 | INDUSTRY  | Metered     | Flow-T    | 22700  | gpd   |               | 48000         |
| 8/6/2013   | WAL 13080058 | INDUSTRY  | Metered     | Flow-T    | 32100  | gpd   |               | 48000         |
| 9/4/2013   | WAL 13090013 | INDUSTRY  | Metered     | Flow-T    | 19700  | gpd   |               | 48000         |
| 10/2/2013  | WAL 13100017 | INDUSTRY  | Metered     | Flow-T    | 22500  | gpd   |               | 48000         |
| 11/5/2013  | WAL 13100428 | INDUSTRY  | Metered     | Flow-T    | 16400  | gpd   |               | 48000         |
| 12/3/2013  | WAL 13110351 | INDUSTRY  | Metered     | Flow-T    | 26000  | gpd   |               | 48000         |

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11/12/14

| <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> |
| 1/7/2014        | WAL 14010023      | INDUSTRY       | Metered            | Flow-T                | 13900         | gpd          |                      | 48000                       |
| 2/4/2014        | WAL 14020015      | INDUSTRY       | Metered            | Flow-T                | 17600         | gpd          |                      | 48000                       |
| 3/4/2014        | WAL 14020377      | INDUSTRY       | Metered            | Flow-T                | 28100         | gpd          |                      | 48000                       |
| 4/10/2014       | WAL 14040061      | INDUSTRY       | Metered            | Flow-T                | 27400         | gpd          |                      | 48000                       |
| 5/6/2014        | WAL 14050028      | INDUSTRY       | Metered            | Flow-T                | 24600         | gpd          |                      | 48000                       |
| 5/23/2014       | WAL 14050255      | NC sample      | Metered            | Flow-T                | 45400         | gpd          |                      | 48000                       |
| 6/18/2014       | WAL 14060188      | INDUSTRY       | Metered            | Flow-T                | 30500         | gpd          |                      | 48000                       |
| 7/9/2013        | WAL 13070064      | INDUSTRY       | G                  | Oil and Grease, Total | <5            | mg/L         |                      |                             |
| 8/8/2013        | 1308088           | IEUA           | G                  | Oil and Grease, Total | < 3           | mg/L         |                      |                             |
| 12/10/2013      | 1312120           | IEUA           | G                  | Oil and Grease, Total | 28            | mg/L         |                      |                             |
| 1/7/2014        | WAL 14010023      | INDUSTRY       | G                  | Oil and Grease, Total | 6             | mg/L         |                      |                             |
| 3/27/2014       | 1403355           | IEUA           | G                  | Oil and Grease, Total | < 4           | mg/L         |                      |                             |
| 5/1/2014        | 1405003           | IEUA           | G                  | Oil and Grease, Total | < 5           | mg/L         |                      |                             |
| 6/18/2014       | WAL 14060188      | INDUSTRY       | G                  | Oil and Grease, Total | 8             | mg/L         |                      |                             |
| 7/9/2013        | WAL 13070064      | INDUSTRY       | Field              | pH                    | 8.1           | pH Units     |                      | 5.0 - 12.5                  |
| 8/8/2013        | 1308088           | IEUA           | Field              | pH                    | 8.11          | pH Units     |                      | 5.0 - 12.5                  |
| 12/10/2013      | 1312120           | IEUA           | Field              | pH                    | 7.36          | pH Units     |                      | 5.0 - 12.5                  |
| 1/7/2014        | WAL 14010023      | INDUSTRY       | Field              | pH                    | 7.8           | pH Units     |                      | 5.0 - 12.5                  |
| 3/27/2014       | 1403355           | IEUA           | Field              | pH                    | 7.76          | pH Units     |                      | 5.0 - 12.5                  |
| 5/1/2014        | 1405003           | IEUA           | Field              | pH                    | 7.42          | pH Units     |                      | 5.0 - 12.5                  |
| 7/9/2013        | WAL 13070064      | INDUSTRY       | C                  | TDS                   | 549           | mg/L         |                      |                             |
| 8/6/2013        | WAL 13080058      | INDUSTRY       | C                  | TDS                   | 690           | mg/L         |                      |                             |
| 8/8/2013        | 1308088           | IEUA           | C                  | TDS                   | 532           | mg/L         |                      |                             |
| 9/4/2013        | WAL 13090013      | INDUSTRY       | C                  | TDS                   | 560           | mg/L         |                      |                             |
| 10/2/2013       | WAL 13100017      | INDUSTRY       | C                  | TDS                   | 860           | mg/L         |                      |                             |
| 11/5/2013       | WAL 13100428      | INDUSTRY       | C                  | TDS                   | 458           | mg/L         |                      |                             |
| 12/3/2013       | WAL 13110351      | INDUSTRY       | C                  | TDS                   | 748           | mg/L         |                      |                             |
| 12/10/2013      | 1312120           | IEUA           | C                  | TDS                   | 804           | mg/L         |                      |                             |

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| Sampled:   | Sample ID:   | Source:   | Sample Type | Parameter  | Result | Units | In NC | Permit Limits |         |
|------------|--------------|-----------|-------------|------------|--------|-------|-------|---------------|---------|
|            |              |           |             |            |        |       |       | Daily         | Monthly |
| 1/7/2014   | WAL 14010023 | INDUSTRY  | C           | TDS        | 903    | mg/L  |       |               |         |
| 2/4/2014   | WAL 14020015 | INDUSTRY  | C           | TDS        | 928    | mg/L  |       |               |         |
| 3/4/2014   | WAL 14020377 | INDUSTRY  | C           | TDS        | 824    | mg/L  |       |               |         |
| 3/27/2014  | 1403355      | IEUA      | C           | TDS        | 798    | mg/L  |       |               |         |
| 4/10/2014  | WAL 14040061 | INDUSTRY  | C           | TDS        | 1098   | mg/L  |       |               |         |
| 5/1/2014   | 1405003      | IEUA      | C           | TDS        | 978    | mg/L  |       |               |         |
| 5/6/2014   | WAL 14050028 | INDUSTRY  | C           | TDS        | 860    | mg/L  |       |               |         |
| 5/23/2014  | WAL 14050255 | NC sample | C           | TDS        | 806    | mg/L  |       |               |         |
| 6/18/2014  | WAL 14060188 | INDUSTRY  | C           | TDS        | 794    | mg/L  |       |               |         |
| 7/9/2013   | WAL 13070064 | INDUSTRY  | C           | TDS, Fixed | 422    | mg/L  |       |               | 800     |
| 8/6/2013   | WAL 13080058 | INDUSTRY  | C           | TDS, Fixed | 494    | mg/L  |       |               | 800     |
| 8/8/2013   | 1308088      | IEUA      | C           | TDS, Fixed | 496    | mg/L  |       |               | 800     |
| 9/4/2013   | WAL 13090013 | INDUSTRY  | C           | TDS, Fixed | 438    | mg/L  |       |               | 800     |
| 10/2/2013  | WAL 13100017 | INDUSTRY  | C           | TDS, Fixed | 552    | mg/L  |       |               | 800     |
| 11/5/2013  | WAL 13100428 | INDUSTRY  | C           | TDS, Fixed | 290    | mg/L  |       |               | 800     |
| 12/3/2013  | WAL 13110351 | INDUSTRY  | C           | TDS, Fixed | 360    | mg/L  |       |               | 800     |
| 12/10/2013 | 1312120      | IEUA      | C           | TDS, Fixed | 746    | mg/L  |       |               | 800     |
| 1/7/2014   | WAL 14010023 | INDUSTRY  | C           | TDS, Fixed | 734    | mg/L  |       |               | 800     |
| 2/4/2014   | WAL 14020015 | INDUSTRY  | C           | TDS, Fixed | 752    | mg/L  |       |               | 800     |
| 3/4/2014   | WAL 14020377 | INDUSTRY  | C           | TDS, Fixed | 302    | mg/L  |       |               | 800     |
| 3/27/2014  | 1403355      | IEUA      | C           | TDS, Fixed | 766    | mg/L  |       |               | 800     |
| 4/10/2014  | WAL 14040061 | INDUSTRY  | C           | TDS, Fixed | 616    | mg/L  |       |               | 800     |
| 5/1/2014   | 1405003      | IEUA      | C           | TDS, Fixed | 910    | mg/L  | NC    |               | 800     |
| 5/6/2014   | WAL 14050028 | INDUSTRY  | C           | TDS, Fixed | 670    | mg/L  |       |               | 800     |
| 5/23/2014  | WAL 14050255 | NC sample | C           | TDS, Fixed | 688    | mg/L  |       |               | 800     |
| 6/18/2014  | WAL 14060188 | INDUSTRY  | C           | TDS, Fixed | 626    | mg/L  |       |               | 800     |
| 7/9/2013   | WAL 13070064 | INDUSTRY  | Field       | Temp       | 32.2   | °C    |       |               | 60      |
| 8/8/2013   | 1308088      | IEUA      | Field       | Temp       | 32.1   | °C    |       |               | 60      |

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12/11/2013

| <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> |
| 12/10/2013      | 1312120           | IEUA           | Field              | Temp             | 27.1          | °C           |                      | 60                          |
| 1/7/2014        | WAL 14010023      | INDUSTRY       | Field              | Temp             | 26.1          | °C           |                      | 60                          |
| 3/27/2014       | 1403355           | IEUA           | Field              | Temp             | 25.3          | °C           |                      | 60                          |
| 5/1/2014        | 1405003           | IEUA           | Field              | Temp             | 29.6          | °C           |                      | 60                          |
| 8/8/2013        | 1308088           | IEUA           | Field              | TS               | <0.1          | mg/L         |                      |                             |
| 12/10/2013      | 1312120           | IEUA           | Field              | TS               | <0.1          | mg/L         |                      |                             |
| 3/27/2014       | 1403355           | IEUA           | Field              | TS               | 25.3          | mg/L         |                      |                             |
| 5/1/2014        | 1405003           | IEUA           | Field              | TS               | <0.1          | mg/L         |                      |                             |
| 7/9/2013        | WAL 13070064      | INDUSTRY       | C                  | TSS              | 1             | mg/L         |                      |                             |
| 8/6/2013        | WAL 13080058      | INDUSTRY       | C                  | TSS              | 98            | mg/L         |                      |                             |
| 8/8/2013        | 1308088           | IEUA           | C                  | TSS              | 6             | mg/L         |                      |                             |
| 9/4/2013        | WAL 13090013      | INDUSTRY       | C                  | TSS              | 11            | mg/L         |                      |                             |
| 10/2/2013       | WAL 13100017      | INDUSTRY       | C                  | TSS              | 92            | mg/L         |                      |                             |
| 11/5/2013       | WAL 13100428      | INDUSTRY       | C                  | TSS              | 82            | mg/L         |                      |                             |
| 12/3/2013       | WAL 13110351      | INDUSTRY       | C                  | TSS              | 38            | mg/L         |                      |                             |
| 12/10/2013      | 1312120           | IEUA           | C                  | TSS              | 37            | mg/L         |                      |                             |
| 1/7/2014        | WAL 14010023      | INDUSTRY       | C                  | TSS              | 16            | mg/L         |                      |                             |
| 2/4/2014        | WAL 14020015      | INDUSTRY       | C                  | TSS              | 40            | mg/L         |                      |                             |
| 3/4/2014        | WAL 14020377      | INDUSTRY       | C                  | TSS              | 31            | mg/L         |                      |                             |
| 3/27/2014       | 1403355           | IEUA           | C                  | TSS              | 50            | mg/L         |                      |                             |
| 4/10/2014       | WAL 14040061      | INDUSTRY       | C                  | TSS              | 5             | mg/L         |                      |                             |
| 5/1/2014        | 1405003           | IEUA           | C                  | TSS              | 21            | mg/L         |                      |                             |
| 5/6/2014        | WAL 14050028      | INDUSTRY       | C                  | TSS              | 11            | mg/L         |                      |                             |
| 6/18/2014       | WAL 14060188      | INDUSTRY       | C                  | TSS              | 51            | mg/L         |                      |                             |

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10/22/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter                  | Result | Units | Permit Limits |           |
|------------|------------------|----------|-------------|----------------------------|--------|-------|---------------|-----------|
|            |                  |          |             |                            |        |       | In NC         | Daily     |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | G           | 1,1,1-Trichloroethane      | <5.0   | µg/L  |               |           |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | 1,1,1-Trichloroethane      | <5     | µg/L  |               |           |
| 5/6/2014   | 1405062          | IEUA     | G           | 1,1,1-Trichloroethane      | < 50   | µg/L  |               |           |
| 5/27/2014  | 1405351          | IEUA     | G           | 1,1,1-Trichloroethane      | < 50   | µg/L  |               |           |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Acenaphthene               | <50    | µg/L  |               |           |
| 3/26/2014  | WAL 14030241     | IEUA     | G           | Acenaphthene               | <2000  | µg/L  |               |           |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | Acenaphthene               | <220   | µg/L  |               |           |
| 5/6/2014   | 1405062          | IEUA     | G           | Acenaphthene               | < 10   | µg/L  |               |           |
| 5/27/2014  | 1405351          | IEUA     | G           | Acenaphthene               | < 10   | µg/L  |               |           |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | C           | Ag                         | 0.022  | mg/L  |               | 0.35 0.19 |
| 8/8/2013   | 1308088          | IEUA     | C           | Ag                         | 0.03   | mg/L  |               | 0.35 0.19 |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Ag                         | 0.025  | mg/L  |               | 0.35 0.19 |
| 12/10/2013 | 1312119          | IEUA     | C           | Ag                         | 0.02   | mg/L  |               | 0.35 0.19 |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | C           | Ag                         | 0.038  | mg/L  |               | 0.35 0.19 |
| 3/27/2014  | 1403354          | IEUA     | C           | Ag                         | < 0.01 | mg/L  |               | 0.35 0.19 |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | Ag                         | 0.013  | mg/L  |               | 0.35 0.19 |
| 5/6/2014   | 1405062          | IEUA     | C           | Ag                         | < 0.01 | mg/L  |               | 0.35 0.19 |
| 8/8/2013   | 1308088          | IEUA     | C           | As                         | < 0.01 | mg/L  |               |           |
| 12/10/2013 | 1312119          | IEUA     | C           | As                         | < 0.01 | mg/L  |               |           |
| 3/27/2014  | 1403354          | IEUA     | C           | As                         | < 0.01 | mg/L  |               |           |
| 5/6/2014   | 1405062          | IEUA     | C           | As                         | < 0.01 | mg/L  |               |           |
| 8/8/2013   | 1308088          | IEUA     | C           | Ba                         | 0.08   | mg/L  |               |           |
| 12/10/2013 | 1312119          | IEUA     | C           | Ba                         | 0.04   | mg/L  |               |           |
| 3/27/2014  | 1403354          | IEUA     | C           | Ba                         | 0.06   | mg/L  |               |           |
| 5/6/2014   | 1405062          | IEUA     | C           | Ba                         | 0.07   | mg/L  |               |           |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Bis(2-ethylhexyl)phthalate | 16     | µg/L  |               |           |
| 3/26/2014  | WAL 14030241     | IEUA     | G           | Bis(2-ethylhexyl)phthalate | <2000  | µg/L  |               |           |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | Bis(2-ethylhexyl)phthalate | <67    | µg/L  |               |           |

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5/12/2014

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter                  | Result  | Units | Permit Limits |             |
|------------|------------------|----------|-------------|----------------------------|---------|-------|---------------|-------------|
|            |                  |          |             |                            |         |       | In NC         | Daily       |
| 5/6/2014   | 1405062          | IEUA     | G           | Bis(2-ethylhexyl)phthalate | < 20    | µg/L  |               |             |
| 5/27/2014  | 1405351          | IEUA     | G           | Bis(2-ethylhexyl)phthalate | < 20    | µg/L  |               |             |
| 8/8/2013   | 1308088          | IEUA     | C           | BOD5                       | 546     | mg/L  |               |             |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | BOD5                       | 130     | mg/L  |               |             |
| 12/10/2013 | 1312119          | IEUA     | C           | BOD5                       | < 30    | mg/L  |               |             |
| 3/27/2014  | 1403354          | IEUA     | C           | BOD5                       | 63      | mg/L  |               |             |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | BOD5                       | 79      | mg/L  |               |             |
| 5/6/2014   | 1405062          | IEUA     | C           | BOD5                       | 105     | mg/L  |               |             |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | C           | Cd                         | <0.002  | mg/L  |               | 0.088 0.056 |
| 8/8/2013   | 1308088          | IEUA     | C           | Cd                         | < 0.01  | mg/L  |               | 0.088 0.056 |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Cd                         | <0.002  | mg/L  |               | 0.088 0.056 |
| 12/10/2013 | 1312119          | IEUA     | C           | Cd                         | < 0.01  | mg/L  |               | 0.088 0.056 |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | C           | Cd                         | <0.0020 | mg/L  |               | 0.088 0.056 |
| 3/27/2014  | 1403354          | IEUA     | C           | Cd                         | < 0.01  | mg/L  |               | 0.088 0.056 |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | Cd                         | <0.0020 | mg/L  |               | 0.088 0.056 |
| 5/6/2014   | 1405062          | IEUA     | C           | Cd                         | < 0.01  | mg/L  |               | 0.088 0.056 |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | G           | Chloroform                 | <5.0    | µg/L  |               |             |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | Chloroform                 | <5      | µg/L  |               |             |
| 5/6/2014   | 1405062          | IEUA     | G           | Chloroform                 | < 50    | µg/L  |               |             |
| 5/27/2014  | 1405351          | IEUA     | G           | Chloroform                 | < 50    | µg/L  |               |             |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | G           | CN                         | <0.005  | mg/L  |               | 0.97 0.52   |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | G           | CN                         | <0.005  | mg/L  |               | 0.97 0.52   |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | G           | CN                         | <0.005  | mg/L  |               | 0.97 0.52   |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | CN                         | <0.005  | mg/L  |               | 0.97 0.52   |
| 8/8/2013   | 1308088          | IEUA     | G           | CN, Total                  | < 0.005 | mg/L  |               |             |
| 12/10/2013 | 1312119          | IEUA     | G           | CN, Total                  | < 0.005 | mg/L  |               |             |
| 3/27/2014  | 1403354          | IEUA     | G           | CN, Total                  | < 0.005 | mg/L  |               |             |
| 5/6/2014   | 1405062          | IEUA     | G           | CN, Total                  | 0.009   | mg/L  |               |             |

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03/20/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result | Units | Permit Limits |           |
|------------|------------------|----------|-------------|-----------|--------|-------|---------------|-----------|
|            |                  |          |             |           |        |       | In NC         | Daily     |
| 8/8/2013   | 1308088          | IEUA     | C           | Co        | < 0.01 | mg/L  |               |           |
| 12/10/2013 | 1312119          | IEUA     | C           | Co        | < 0.01 | mg/L  |               |           |
| 3/27/2014  | 1403354          | IEUA     | C           | Co        | < 0.01 | mg/L  |               |           |
| 5/6/2014   | 1405062          | IEUA     | C           | Co        | < 0.01 | mg/L  |               |           |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | C           | Cr        | <0.020 | mg/L  |               | 2.23 1.38 |
| 8/8/2013   | 1308088          | IEUA     | C           | Cr        | 0.01   | mg/L  |               | 2.23 1.38 |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Cr        | <0.020 | mg/L  |               | 2.23 1.38 |
| 12/10/2013 | 1312119          | IEUA     | C           | Cr        | < 0.01 | mg/L  |               | 2.23 1.38 |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | C           | Cr        | <0.020 | mg/L  |               | 2.23 1.38 |
| 3/27/2014  | 1403354          | IEUA     | C           | Cr        | < 0.01 | mg/L  |               | 2.23 1.38 |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | Cr        | <0.020 | mg/L  |               | 2.23 1.38 |
| 5/6/2014   | 1405062          | IEUA     | C           | Cr        | < 0.01 | mg/L  |               | 2.23 1.38 |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | C           | Cu        | 0.017  | mg/L  |               | 1.73 1.04 |
| 8/8/2013   | 1308088          | IEUA     | C           | Cu        | < 0.02 | mg/L  |               | 1.73 1.04 |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Cu        | <0.010 | mg/L  |               | 1.73 1.04 |
| 12/10/2013 | 1312119          | IEUA     | C           | Cu        | < 0.02 | mg/L  |               | 1.73 1.04 |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | C           | Cu        | <0.010 | mg/L  |               | 1.73 1.04 |
| 3/27/2014  | 1403354          | IEUA     | C           | Cu        | < 0.02 | mg/L  |               | 1.73 1.04 |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | Cu        | 0.021  | mg/L  |               | 1.73 1.04 |
| 5/6/2014   | 1405062          | IEUA     | C           | Cu        | < 0.02 | mg/L  |               | 1.73 1.04 |
| 8/8/2013   | 1308088          | IEUA     | Field       | DS        | <0.1   | mg/L  |               |           |
| 12/10/2013 | 1312119          | IEUA     | Field       | DS        | <0.1   | mg/L  |               |           |
| 3/27/2014  | 1403354          | IEUA     | Field       | DS        | <0.1   | mg/L  |               |           |
| 6/24/2014  | 1406298          | IEUA     | Field       | DS        | <0.1   | mg/L  |               |           |
| 8/8/2013   | 1308088          | IEUA     | C           | Fe        | 1.37   | mg/L  |               |           |
| 12/10/2013 | 1312119          | IEUA     | C           | Fe        | 0.82   | mg/L  |               |           |
| 3/27/2014  | 1403354          | IEUA     | C           | Fe        | 0.79   | mg/L  |               |           |
| 5/6/2014   | 1405062          | IEUA     | C           | Fe        | 1.25   | mg/L  |               |           |

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10/22/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter          | Result | Units    | Permit Limits |            |
|------------|------------------|----------|-------------|--------------------|--------|----------|---------------|------------|
|            |                  |          |             |                    |        |          | In NC         | Daily      |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | G           | Methylene chloride | <30    | µg/L     |               |            |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | Methylene chloride | <30    | µg/L     |               |            |
| 5/6/2014   | 1405062          | IEUA     | G           | Methylene chloride | < 50   | µg/L     |               |            |
| 5/27/2014  | 1405351          | IEUA     | G           | Methylene chloride | < 50   | µg/L     |               |            |
| 8/8/2013   | 1308088          | IEUA     | C           | Mn                 | 0.04   | mg/L     |               |            |
| 12/10/2013 | 1312119          | IEUA     | C           | Mn                 | 0.03   | mg/L     |               |            |
| 3/27/2014  | 1403354          | IEUA     | C           | Mn                 | 0.03   | mg/L     |               |            |
| 5/6/2014   | 1405062          | IEUA     | C           | Mn                 | 0.04   | mg/L     |               |            |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | C           | Ni                 | <0.020 | mg/L     |               | 3.2 1.91   |
| 8/8/2013   | 1308088          | IEUA     | C           | Ni                 | < 0.01 | mg/L     |               | 3.2 1.91   |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Ni                 | <0.020 | mg/L     |               | 3.2 1.91   |
| 12/10/2013 | 1312119          | IEUA     | C           | Ni                 | < 0.01 | mg/L     |               | 3.2 1.91   |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | C           | Ni                 | <0.020 | mg/L     |               | 3.2 1.91   |
| 3/27/2014  | 1403354          | IEUA     | C           | Ni                 | < 0.01 | mg/L     |               | 3.2 1.91   |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | Ni                 | <0.020 | mg/L     |               | 3.2 1.91   |
| 5/6/2014   | 1405062          | IEUA     | C           | Ni                 | < 0.01 | mg/L     |               | 3.2 1.91   |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | C           | Pb                 | <0.010 | mg/L     |               | 1.02 0.54  |
| 8/8/2013   | 1308088          | IEUA     | C           | Pb                 | < 0.02 | mg/L     |               | 1.02 0.54  |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Pb                 | <0.010 | mg/L     |               | 1.02 0.54  |
| 12/10/2013 | 1312119          | IEUA     | C           | Pb                 | < 0.02 | mg/L     |               | 1.02 0.54  |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | C           | Pb                 | <0.010 | mg/L     |               | 1.02 0.54  |
| 3/27/2014  | 1403354          | IEUA     | C           | Pb                 | < 0.02 | mg/L     |               | 1.02 0.54  |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | Pb                 | <0.010 | mg/L     |               | 1.02 0.54  |
| 5/6/2014   | 1405062          | IEUA     | C           | Pb                 | < 0.02 | mg/L     |               | 1.02 0.54  |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | Field       | pH                 | 6.7    | pH Units |               | 5.0 - 12.5 |
| 8/8/2013   | 1308088          | IEUA     | Field       | pH                 | 7.78   | pH Units |               | 5.0 - 12.5 |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | Field       | pH                 | 7.2    | pH Units |               | 5.0 - 12.5 |
| 12/10/2013 | 1312119          | IEUA     | Field       | pH                 | 6.72   | 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 |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | Field       | pH                  | 8.1    | pH Units |               | 5.0 - 12.5    |
| 3/27/2014  | 1403354          | IEUA     | Field       | pH                  | 7.77   | pH Units |               | 5.0 - 12.5    |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | pH                  | 6.8    | units    |               |               |
| 6/24/2014  | 1406298          | IEUA     | Field       | pH                  | 6.1    | pH Units |               | 5.0 - 12.5    |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Pyrene              | <50    | µg/L     |               |               |
| 3/26/2014  | WAL 14030241     | IEUA     | G           | Pyrene              | <2000  | µg/L     |               |               |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | Pyrene              | <220   | µg/L     |               |               |
| 5/6/2014   | 1405062          | IEUA     | G           | Pyrene              | < 10   | µg/L     |               |               |
| 5/27/2014  | 1405351          | IEUA     | G           | Pyrene              | < 10   | µg/L     |               |               |
| 8/8/2013   | 1308088          | IEUA     | C           | Se                  | < 0.02 | mg/L     |               |               |
| 12/10/2013 | 1312119          | IEUA     | C           | Se                  | < 0.02 | mg/L     |               |               |
| 3/27/2014  | 1403354          | IEUA     | C           | Se                  | < 0.02 | mg/L     |               |               |
| 5/6/2014   | 1405062          | IEUA     | C           | Se                  | < 0.02 | mg/L     |               |               |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | C           | TDS                 | 250    | mg/L     |               | 800           |
| 8/8/2013   | 1308088          | IEUA     | C           | TDS                 | 550    | mg/L     |               | 800           |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | TDS                 | 280    | mg/L     |               | 800           |
| 12/10/2013 | 1312119          | IEUA     | C           | TDS                 | 354    | mg/L     |               | 800           |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | C           | TDS                 | 260    | mg/L     |               | 800           |
| 3/27/2014  | 1403354          | IEUA     | C           | TDS                 | 276    | mg/L     |               | 800           |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | TDS                 | 440    | mg/L     |               | 800           |
| 5/6/2014   | 1405062          | IEUA     | C           | TDS                 | 278    | mg/L     |               | 800           |
| 8/8/2013   | 1308088          | IEUA     | Field       | Temp                | 24.0   | °C       |               |               |
| 12/10/2013 | 1312119          | IEUA     | Field       | Temp                | 15.1   | °C       |               |               |
| 3/27/2014  | 1403354          | IEUA     | Field       | Temp                | 18.9   | °C       |               |               |
| 6/24/2014  | 1406298          | IEUA     | Field       | Temp                | 25.9   | °C       |               |               |
| 5/6/2014   | 1405062          | IEUA     | G           | Tetrachloroethene   | < 50   | µg/L     |               |               |
| 5/27/2014  | 1405351          | IEUA     | G           | Tetrachloroethene   | < 50   | µg/L     |               |               |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | G           | Tetrachloroethylene | <5.0   | µg/L     |               |               |

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|------------|------------------|----------|-------------|---------------------|--------|-------|---------------|-------|
|            |                  |          |             |                     |        |       | In NC         | Daily |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | Tetrachloroethylene | <5     | µg/L  |               |       |
| 5/6/2014   | 1405062          | IEUA     | G           | Trichloroethene     | < 50   | µg/L  |               |       |
| 5/27/2014  | 1405351          | IEUA     | G           | Trichloroethene     | < 50   | µg/L  |               |       |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | G           | Trichloroethylene   | <5.0   | µg/L  |               |       |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | Trichloroethylene   | <5     | µg/L  |               |       |
| 8/8/2013   | 1308088          | IEUA     | Field       | TS                  | <0.1   | mg/L  |               |       |
| 12/10/2013 | 1312119          | IEUA     | Field       | TS                  | <0.1   | mg/L  |               |       |
| 3/27/2014  | 1403354          | IEUA     | Field       | TS                  | <0.1   | mg/L  |               |       |
| 6/24/2014  | 1406298          | IEUA     | Field       | TS                  | <0.1   | mg/L  |               |       |
| 8/8/2013   | 1308088          | IEUA     | C           | TSS                 | 113    | mg/L  |               |       |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | TSS                 | 33     | mg/L  |               |       |
| 12/10/2013 | 1312119          | IEUA     | C           | TSS                 | 84     | mg/L  |               |       |
| 3/27/2014  | 1403354          | IEUA     | C           | TSS                 | < 20   | mg/L  |               |       |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | TSS                 | 41     | mg/L  |               |       |
| 5/6/2014   | 1405062          | IEUA     | C           | TSS                 | 42     | mg/L  |               |       |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | G           | TTO                 | <0.030 | mg/L  | 2.09          | 0.80  |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | G           | TTO                 | <.537  | mg/L  | 2.09          | 0.80  |
| 7/10/2013  | ESB B3G1143-01,  | INDUSTRY | C           | Zn                  | 0.022  | mg/L  | 2.33          | 1.08  |
| 8/8/2013   | 1308088          | IEUA     | C           | Zn                  | 0.02   | mg/L  | 2.33          | 1.08  |
| 10/15/2013 | ESB B3J1517-01,0 | INDUSTRY | C           | Zn                  | 0.016  | mg/L  | 2.33          | 1.08  |
| 12/10/2013 | 1312119          | IEUA     | C           | Zn                  | 0.02   | mg/L  | 2.33          | 1.08  |
| 1/14/2014  | ESB B4A1192-01,  | INDUSTRY | C           | Zn                  | 0.016  | mg/L  | 2.33          | 1.08  |
| 3/27/2014  | 1403354          | IEUA     | C           | Zn                  | < 0.02 | mg/L  | 2.33          | 1.08  |
| 4/10/2014  | ESB B4D1183-01,  | INDUSTRY | C           | Zn                  | 0.016  | mg/L  | 2.33          | 1.08  |
| 5/6/2014   | 1405062          | IEUA     | C           | Zn                  | 0.02   | mg/L  | 2.33          | 1.08  |

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7/19/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result | Units | Permit Limits |               |
|------------|------------------|----------|-------------|-----------|--------|-------|---------------|---------------|
|            |                  |          |             |           |        |       | In NC         | Daily Monthly |
| 7/3/2013   | ESB B3G0426-01   | INDUSTRY | C           | BOD5      | 1200   | mg/L  |               |               |
| 7/11/2013  | ESB B3G1202-01   | INDUSTRY | C           | BOD5      | 1300   | mg/L  |               |               |
| 7/18/2013  | ESB B3G1896-01   | INDUSTRY | C           | BOD5      | 1300   | mg/L  |               |               |
| 7/25/2013  | ESB B3G2521-01   | INDUSTRY | C           | BOD5      | 1600   | mg/L  |               |               |
| 8/1/2013   | ESB B3H0113-01   | INDUSTRY | C           | BOD5      | 1500   | mg/L  |               |               |
| 8/8/2013   | ESB B3H0912-01   | INDUSTRY | C           | BOD5      | 1500   | mg/L  |               |               |
| 8/15/2013  | ESB B3H1589-01   | INDUSTRY | C           | BOD5      | 1700   | mg/L  |               |               |
| 8/22/2013  | ESB B3H2242-01   | INDUSTRY | C           | BOD5      | 2000   | mg/L  |               |               |
| 8/29/2013  | ESB B3H2836-01   | INDUSTRY | C           | BOD5      | 3800   | mg/L  |               |               |
| 9/5/2013   | ESB B3I0493-01   | INDUSTRY | C           | BOD5      | 4700   | mg/L  |               |               |
| 9/12/2013  | ESB B3I1243-01   | INDUSTRY | C           | BOD5      | 1500   | mg/L  |               |               |
| 9/26/2013  | ESB B3I2530-01   | INDUSTRY | C           | BOD5      | 900    | mg/L  |               |               |
| 10/3/2013  | ESB B3J0427-01   | INDUSTRY | C           | BOD5      | 860    | mg/L  |               |               |
| 10/10/2013 | ESB B3J1181-01   | INDUSTRY | C           | BOD5      | 1400   | mg/L  |               |               |
| 10/17/2013 | ESB B3J1781-01   | INDUSTRY | C           | BOD5      | 1900   | mg/L  |               |               |
| 10/24/2013 | ESB B3J2413-01   | INDUSTRY | C           | BOD5      | 1800   | mg/L  |               |               |
| 10/31/2013 | ESB B3J3028-01   | INDUSTRY | C           | BOD5      | 950    | mg/L  |               |               |
| 11/7/2013  | ESB B3K0641-01   | INDUSTRY | C           | BOD5      | 990    | mg/L  |               |               |
| 11/14/2013 | ESB B3K1244-01   | INDUSTRY | C           | BOD5      | 920    | mg/L  |               |               |
| 11/21/2013 | ESB B3K1988-01   | INDUSTRY | C           | BOD5      | 1300   | mg/L  |               |               |
| 11/27/2013 | ESB B3K2554-01   | INDUSTRY | C           | BOD5      | 2000   | mg/L  |               |               |
| 12/5/2013  | ESB B3L0540-01   | INDUSTRY | C           | BOD5      | 1900   | mg/L  |               |               |
| 12/10/2013 | 1312120          | IEUA     | C           | BOD5      | 1930   | mg/L  |               |               |
| 12/12/2013 | ESB B3L1290-01,0 | INDUSTRY | C           | BOD5      | 1100   | mg/L  |               |               |
| 12/19/2013 | ESB B3L1921-01   | INDUSTRY | C           | BOD5      | 2000   | mg/L  |               |               |
| 12/27/2013 | ESB B3L2468-01   | INDUSTRY | C           | BOD5      | 1100   | mg/L  |               |               |
| 1/3/2014   | ESB B4A0165-01   | INDUSTRY | C           | BOD5      | 910    | mg/L  |               |               |
| 1/9/2014   | ESB B4A0826-01   | INDUSTRY | C           | BOD5      | 900    | mg/L  |               |               |

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| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result | Units | Permit Limits |               |
|------------|------------------|----------|-------------|-----------|--------|-------|---------------|---------------|
|            |                  |          |             |           |        |       | In NC         | Daily Monthly |
| 1/16/2014  | ESB B4A1492-01   | INDUSTRY | C           | BOD5      | 1200   | mg/L  |               |               |
| 1/23/2014  | ESB B4A2122-01   | INDUSTRY | C           | BOD5      | 1300   | mg/L  |               |               |
| 1/30/2014  | ESB B4A2711-01   | INDUSTRY | C           | BOD5      | 990    | mg/L  |               |               |
| 2/6/2014   | ESB B4B0593-01   | INDUSTRY | C           | BOD5      | 1200   | mg/L  |               |               |
| 2/13/2014  | ESB B4B1294-01   | INDUSTRY | C           | BOD5      | 1600   | mg/L  |               |               |
| 2/20/2014  | ESB B4B1891-01   | INDUSTRY | C           | BOD5      | 1100   | mg/L  |               |               |
| 2/27/2014  | ESB B4B2531-01   | INDUSTRY | C           | BOD5      | 1800   | mg/L  |               |               |
| 3/6/2014   | ESB B4C0672-01   | INDUSTRY | C           | BOD5      | 2100   | mg/L  |               |               |
| 3/13/2014  | ESB B4C1399-01   | INDUSTRY | C           | BOD5      | 1200   | mg/L  |               |               |
| 3/20/2014  | ESB B4C2088-01   | INDUSTRY | C           | BOD5      | 1400   | mg/L  |               |               |
| 3/27/2014  | ESB B4C2629-01   | INDUSTRY | C           | BOD5      | 1400   | mg/L  |               |               |
| 4/1/2014   | 1404003          | IEUA     | C           | BOD5      | 118    | mg/L  |               |               |
| 4/3/2014   | ESB B4D0421-01   | INDUSTRY | C           | BOD5      | 1200   | mg/L  |               |               |
| 4/10/2014  | ESB B4D1182-01   | INDUSTRY | C           | BOD5      | 1200   | mg/L  |               |               |
| 4/17/2014  | ESB B4D1892-01   | INDUSTRY | C           | BOD5      | 1400   | mg/L  |               |               |
| 4/24/2014  | ESB B4D2545-01   | INDUSTRY | C           | BOD5      | 1700   | mg/L  |               |               |
| 5/1/2014   | ESB B4E0051-01   | INDUSTRY | C           | BOD5      | 1000   | mg/L  |               |               |
| 5/8/2014   | ESB B4E0819-01   | INDUSTRY | C           | BOD5      | 1100   | mg/L  |               |               |
| 5/15/2014  | ESB B4E1535-01   | INDUSTRY | C           | BOD5      | 980    | mg/L  |               |               |
| 5/22/2014  | ESB B4E2188-01   | INDUSTRY | C           | BOD5      | 1500   | mg/L  |               |               |
| 5/29/2014  | ESB B4E2751-01   | INDUSTRY | C           | BOD5      | 1200   | mg/L  |               |               |
| 6/5/2014   | ESB B4F0611-01   | INDUSTRY | C           | BOD5      | 3400   | mg/L  |               |               |
| 6/12/2014  | ESB B4F1270-01   | INDUSTRY | C           | BOD5      | 1800   | mg/L  |               |               |
| 6/19/2014  | ESB B4F1994-01   | INDUSTRY | C           | BOD5      | 1800   | mg/L  |               |               |
| 6/26/2014  | ESB B4F2616-01   | INDUSTRY | C           | BOD5      | 1500   | mg/L  |               |               |
| 12/10/2013 | 1312120          | IEUA     | Field       | DS        | <0.1   | mg/L  |               |               |
| 4/1/2014   | 1404003          | IEUA     | Field       | DS        | <0.1   | mg/L  |               |               |
| 12/12/2013 | ESB B3L1290-01,0 | INDUSTRY | Flow Meter  | Flow-T    | 102776 | gpd   | NC            | 47093         |

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| Sampled:   | Sample ID:       | Source:     | Sample Type | Parameter               | Result  | Units    | Permit Limits |               |
|------------|------------------|-------------|-------------|-------------------------|---------|----------|---------------|---------------|
|            |                  |             |             |                         |         |          | In NC         | Daily Monthly |
| 6/26/2014  | ESB B4F2614-01,0 | INDUSTRY    | Flow Meter  | Flow-T                  | 44450   | gpd      |               | 47093         |
| 12/10/2013 | 1312120          | IEUA        | G           | Oil and Grease, Total   | 14      | mg/L     |               |               |
| 12/12/2013 | ESB B3L1290-01,0 | INDUSTRY    | G           | Oil and Grease, Total   | 9.8     | mg/L     |               |               |
| 4/1/2014   | 1404003          | IEUA        | G           | Oil and Grease, Total   | 15      | mg/L     |               |               |
| 6/26/2014  | ESB B4F2614-01,0 | INDUSTRY    | G           | Oil and Grease, Total   | 25      | mg/L     |               |               |
| 12/10/2013 | 1312120          | IEUA        | Field       | pH                      | 7.87    | pH Units |               | 5.0-12.5      |
| 12/12/2013 | ESB B3L1290-01,0 | INDUSTRY    | Field       | pH                      | 7.66    | pH Units |               | 5.0-12.5      |
| 4/1/2014   | 1404003          | IEUA        | Field       | pH                      | 7.9     | pH Units |               | 5.0-12.5      |
| 6/26/2014  | ESB B4F2614-01,0 | INDUSTRY    | Field       | pH                      | 8.08    | pH Units |               | 5.0-12.5      |
| 12/10/2013 | 1312120          | IEUA        | C           | TDS                     | 268     | mg/L     |               |               |
| 4/1/2014   | 1404003          | IEUA        | C           | TDS                     | 268     | mg/L     |               |               |
| 12/10/2013 | 1312120          | IEUA        | C           | TDS, Fixed              | 198     | mg/L     |               | 800           |
| 12/12/2013 | ESB B3L1290-01,0 | INDUSTRY    | C           | TDS, Fixed              | 160     | mg/L     |               | 800           |
| 4/1/2014   | 1404003          | IEUA        | C           | TDS, Fixed              | 144     | mg/L     |               | 800           |
| 6/26/2014  | ESB B4F2614-01,0 | INDUSTRY    | C           | TDS, Fixed              | 110     | mg/L     |               | 800           |
| 12/10/2013 | 1312120          | IEUA        | Field       | Temp                    | 25.9    | °C       |               | 60            |
| 12/12/2013 | ESB B3L1290-01,0 | INDUSTRY    | Field       | Temp                    | 45      | °C       |               | 60            |
| 4/1/2014   | 1404003          | IEUA        | Field       | Temp                    | 31.8    | °C       |               | 60            |
| 6/26/2014  | ESB B4F2614-01,0 | INDUSTRY    | Field       | Temp                    | 51      | °C       |               | 60            |
| 7/31/2013  | Flow             | IU Flow Rpt | Measured    | Total Gallons per Month | 1810711 | Gallons  |               |               |
| 8/31/2013  |                  | IU Flow Rpt | Measured    | Total Gallons per Month | 2375448 | Gallons  |               |               |
| 9/30/2013  |                  | IU Flow Rpt | Measured    | Total Gallons per Month | 2579353 | Gallons  |               |               |
| 10/31/2013 |                  | IU Flow Rpt | Measured    | Total Gallons per Month | 2483474 | Gallons  |               |               |
| 11/30/2013 |                  | IU Flow Rpt | Measured    | Total Gallons per Month | 2117641 | Gallons  |               |               |
| 1/31/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 1909430 | Gallons  |               |               |
| 2/28/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 1854273 | Gallons  |               |               |
| 3/31/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 2045413 | Gallons  |               |               |
| 4/30/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 1909440 | Gallons  |               |               |

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| Sampled:   | Sample ID:       | Source:     | Sample Type | Parameter               | Result  | Units   | Permit Limits |               |
|------------|------------------|-------------|-------------|-------------------------|---------|---------|---------------|---------------|
|            |                  |             |             |                         |         |         | In NC         | Daily Monthly |
| 5/31/2014  | Flow             | IU Flow Rpt | Metered     | Total Gallons per Month | 2123236 | Gallons |               |               |
| 6/30/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 1333498 | Gallons |               |               |
| 12/10/2013 | 1312120          | IEUA        | Field       | TS                      | <0.1    | mg/L    |               |               |
| 4/1/2014   | 1404003          | IEUA        | Field       | TS                      | <0.1    | mg/L    |               |               |
| 7/3/2013   | ESB B3G0426-01   | INDUSTRY    | C           | TSS                     | 11      | mg/L    |               |               |
| 7/11/2013  | ESB B3G1202-01   | INDUSTRY    | C           | TSS                     | 12      | mg/L    |               |               |
| 7/18/2013  | ESB B3G1896-01   | INDUSTRY    | C           | TSS                     | 12      | mg/L    |               |               |
| 7/25/2013  | ESB B3G2521-01   | INDUSTRY    | C           | TSS                     | 13      | mg/L    |               |               |
| 8/1/2013   | ESB B3H0113-01   | INDUSTRY    | C           | TSS                     | 16      | mg/L    |               |               |
| 8/8/2013   | ESB B3H0912-01   | INDUSTRY    | C           | TSS                     | 24      | mg/L    |               |               |
| 8/15/2013  | ESB B3H1589-01   | INDUSTRY    | C           | TSS                     | 24      | mg/L    |               |               |
| 8/22/2013  | ESB B3H2242-01   | INDUSTRY    | C           | TSS                     | <20     | mg/L    |               |               |
| 8/29/2013  | ESB B3H2836-01   | INDUSTRY    | C           | TSS                     | 13      | mg/L    |               |               |
| 9/5/2013   | ESB B3I0493-01   | INDUSTRY    | C           | TSS                     | 5       | mg/L    |               |               |
| 9/12/2013  | ESB B3I1243-01   | INDUSTRY    | C           | TSS                     | 9       | mg/L    |               |               |
| 9/26/2013  | ESB B3I2530-01   | INDUSTRY    | C           | TSS                     | 6       | mg/L    |               |               |
| 10/3/2013  | ESB B3J0427-01   | INDUSTRY    | C           | TSS                     | 12      | mg/L    |               |               |
| 10/10/2013 | ESB B3J1181-01   | INDUSTRY    | C           | TSS                     | 12      | mg/L    |               |               |
| 10/17/2013 | ESB B3J1781-01   | INDUSTRY    | C           | TSS                     | 14      | mg/L    |               |               |
| 10/24/2013 | ESB B3J2413-01   | INDUSTRY    | C           | TSS                     | 31      | mg/L    |               |               |
| 10/31/2013 | ESB B3J3028-01   | INDUSTRY    | C           | TSS                     | 13      | mg/L    |               |               |
| 11/7/2013  | ESB B3K0641-01   | INDUSTRY    | C           | TSS                     | <20     | mg/L    |               |               |
| 11/14/2013 | ESB B3K1244-01   | INDUSTRY    | C           | TSS                     | 25      | mg/L    |               |               |
| 11/21/2013 | ESB B3K1988-01   | INDUSTRY    | C           | TSS                     | 20      | mg/L    |               |               |
| 11/27/2013 | ESB B3K2554-01   | INDUSTRY    | C           | TSS                     | 33      | mg/L    |               |               |
| 12/5/2013  | ESB B3L0540-01   | INDUSTRY    | C           | TSS                     | 22      | mg/L    |               |               |
| 12/10/2013 | 1312120          | IEUA        | C           | TSS                     | 11      | mg/L    |               |               |
| 12/12/2013 | ESB B3L1290-01,0 | INDUSTRY    | C           | TSS                     | 14      | mg/L    |               |               |

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12/20/2013

| Sampled:   | Sample ID:     | Source:  | Sample Type | Parameter | Result | Units | Permit Limits |               |
|------------|----------------|----------|-------------|-----------|--------|-------|---------------|---------------|
|            |                |          |             |           |        |       | In NC         | Daily Monthly |
| 12/19/2013 | ESB B3L1921-01 | INDUSTRY | C           | TSS       | 20     | mg/L  |               |               |
| 12/27/2013 | ESB B3L2468-01 | INDUSTRY | C           | TSS       | 6      | mg/L  |               |               |
| 1/3/2014   | ESB B4A0165-01 | INDUSTRY | C           | TSS       | 12     | mg/L  |               |               |
| 1/9/2014   | ESB B4A0826-01 | INDUSTRY | C           | TSS       | 30     | mg/L  |               |               |
| 1/16/2014  | ESB B4A1492-01 | INDUSTRY | C           | TSS       | 25     | mg/L  |               |               |
| 1/23/2014  | ESB B4A2122-01 | INDUSTRY | C           | TSS       | 17     | mg/L  |               |               |
| 1/30/2014  | ESB B4A2711-01 | INDUSTRY | C           | TSS       | 16     | mg/L  |               |               |
| 2/6/2014   | ESB B4B0593-01 | INDUSTRY | C           | TSS       | 11     | mg/L  |               |               |
| 2/13/2014  | ESB B4B1294-01 | INDUSTRY | C           | TSS       | 31     | mg/L  |               |               |
| 2/20/2014  | ESB B4B1891-01 | INDUSTRY | C           | TSS       | 22     | mg/L  |               |               |
| 2/27/2014  | ESB B4B2531-01 | INDUSTRY | C           | TSS       | 23     | mg/L  |               |               |
| 3/6/2014   | ESB B4C0672-01 | INDUSTRY | C           | TSS       | <40    | mg/L  |               |               |
| 3/13/2014  | ESB B4C1399-01 | INDUSTRY | C           | TSS       | 18     | mg/L  |               |               |
| 3/20/2014  | ESB B4C2088-01 | INDUSTRY | C           | TSS       | 18     | mg/L  |               |               |
| 3/27/2014  | ESB B4C2629-01 | INDUSTRY | C           | TSS       | 22     | mg/L  |               |               |
| 4/3/2014   | ESB B4D0421-01 | INDUSTRY | C           | TSS       | 22     | mg/L  |               |               |
| 4/10/2014  | ESB B4D1182-01 | INDUSTRY | C           | TSS       | 27     | mg/L  |               |               |
| 4/17/2014  | ESB B4D1892-01 | INDUSTRY | C           | TSS       | 41     | mg/L  |               |               |
| 4/24/2014  | ESB B4D2545-01 | INDUSTRY | C           | TSS       | 16     | mg/L  |               |               |
| 5/1/2014   | ESB B4E0051-01 | INDUSTRY | C           | TSS       | 16     | mg/L  |               |               |
| 5/8/2014   | ESB B4E0819-01 | INDUSTRY | C           | TSS       | 11     | mg/L  |               |               |
| 5/15/2014  | ESB B4E1535-01 | INDUSTRY | C           | TSS       | 14     | mg/L  |               |               |
| 5/22/2014  | ESB B4E2188-01 | INDUSTRY | C           | TSS       | 12     | mg/L  |               |               |
| 5/29/2014  | ESB B4E2751-01 | INDUSTRY | C           | TSS       | 23     | mg/L  |               |               |
| 6/5/2014   | ESB B4F0611-01 | INDUSTRY | C           | TSS       | 25     | mg/L  |               |               |
| 6/12/2014  | ESB B4F1270-01 | INDUSTRY | C           | TSS       | 38     | mg/L  |               |               |
| 6/19/2014  | ESB B4F1994-01 | INDUSTRY | C           | TSS       | 23     | mg/L  |               |               |
| 6/26/2014  | ESB B4F2616-01 | INDUSTRY | C           | TSS       | 30     | mg/L  |               |               |

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11/12/14

| <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> |
| 6/26/2014       | ESB B4F2614-01,0  | INDUSTRY       | C                  | TSS              | 29            | mg/L         |                      |                             |

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08/20/2013

| Sampled:  | Sample ID: | Source: | Sample Type | Parameter | Result  | Units    | Permit Limits |        |         |
|-----------|------------|---------|-------------|-----------|---------|----------|---------------|--------|---------|
|           |            |         |             |           |         |          | In NC         | Daily  | Monthly |
| 8/20/2013 | 1308234    | IEUA    | C           | Ag        | < 0.01  | mg/L     |               | 0.43   | 0.24    |
|           |            | IEUA    | C           | As        | < 0.01  | mg/L     |               |        |         |
|           |            | IEUA    | C           | Ba        | 0.14    | mg/L     |               |        |         |
|           |            | IEUA    | C           | BOD5      | 18      | mg/L     |               |        |         |
|           |            | IEUA    | C           | Cd        | < 0.01  | mg/L     |               | 0.11   | 0.07    |
|           |            | IEUA    | G           | CN, Total | < 0.005 | mg/L     |               |        |         |
|           |            | IEUA    | C           | Co        | < 0.01  | mg/L     |               |        |         |
|           |            | IEUA    | C           | Cr        | < 0.01  | mg/L     |               | 2.77   | 1.71    |
|           |            | IEUA    | C           | Cu        | 0.10    | mg/L     |               | 3.38   | 2.07    |
|           |            | IEUA    | Field       | DS        | <0.1    | mg/L     |               |        |         |
|           |            | IEUA    | C           | Fe        | < 0.15  | mg/L     |               |        |         |
|           |            | IEUA    | C           | Mn        | < 0.02  | mg/L     |               |        |         |
|           |            | IEUA    | C           | Ni        | < 0.01  | mg/L     |               | 3.98   | 2.38    |
|           |            | IEUA    | C           | Pb        | 0.03    | mg/L     |               | 0.69   | 0.43    |
|           |            | IEUA    | Field       | pH        | 7.09    | pH Units |               | 5-12.5 |         |
|           |            | IEUA    | C           | Se        | < 0.02  | mg/L     |               |        |         |
|           |            | IEUA    | C           | TDS       | 229     | mg/L     |               | 800    |         |
|           |            | IEUA    | Field       | Temp      | 25.4    | °C       |               | 60     |         |
|           |            | IEUA    | Field       | TS        | <0.1    | mg/L     |               |        |         |
|           |            | IEUA    | C           | TSS       | 6       | mg/L     |               |        |         |
|           |            | IEUA    | C           | Zn        | < 0.02  | mg/L     |               | 2.61   | 1.48    |

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01/17/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter              | Result | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|------------------------|--------|-------|-------|---------------|---------|
|            |                  |          |             |                        |        |       |       | Daily         | Monthly |
| 8/8/2013   | 1308090          | IEUA     | G           | 1,2,4-Trichlorobenzene | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 1,2,4-Trichlorobenzene | < 10   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 1,2-Dichlorobenzene    | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 1,2-Dichlorobenzene    | < 10   | µg/L  |       |               |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | 1,2-diphenylhydrazine  | <10    | µg/L  |       |               | 1080    |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | 1,2-diphenylhydrazine  | <11    | µg/L  |       |               | 1080    |
| 8/8/2013   | 1308090          | IEUA     | G           | 1,3-Dichlorobenzene    | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 1,3-Dichlorobenzene    | < 10   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 1,4-Dichlorobenzene    | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 1,4-Dichlorobenzene    | < 10   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 2,4,6-Trichlorophenol  | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 2,4,6-Trichlorophenol  | < 10   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 2,4-Dichlorophenol     | < 20   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 2,4-Dichlorophenol     | < 20   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 2,4-Dimethylphenol     | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 2,4-Dimethylphenol     | < 10   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 2,4-Dinitrophenol      | < 30   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 2,4-Dinitrophenol      | < 30   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 2,4-Dinitrotoluene     | < 10   | µg/L  |       |               | 1080    |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | 2,4-Dinitrotoluene     | <10    | µg/L  |       |               | 1080    |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | 2,4-Dinitrotoluene     | <11    | µg/L  |       |               | 1080    |
| 5/6/2014   | 1405063          | IEUA     | G           | 2,4-Dinitrotoluene     | < 10   | µg/L  |       |               | 1080    |
| 8/8/2013   | 1308090          | IEUA     | G           | 2,6-Dinitrotoluene     | < 20   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 2,6-Dinitrotoluene     | < 20   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 2-Chloronaphthalene    | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 2-Chloronaphthalene    | < 10   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 2-Chlorophenol         | < 10   | µg/L  |       |               | 1080    |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | 2-Chlorophenol         | <10    | µg/L  |       |               | 1080    |

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03/11/2014

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter                   | Result  | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|-----------------------------|---------|-------|-------|---------------|---------|
|            |                  |          |             |                             |         |       |       | Daily         | Monthly |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | 2-Chlorophenol              | <11     | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 2-Chlorophenol              | < 10    | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 2-Methyl-4,6-dinitrophenol  | < 20    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 2-Methyl-4,6-dinitrophenol  | < 20    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 2-Nitrophenol               | < 10    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 2-Nitrophenol               | < 10    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 3,3-Dichlorobenzidine       | < 50    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 3,3-Dichlorobenzidine       | < 50    | µg/L  |       |               |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | 3,4-Benzofluoranthene       | <10     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | 3,4-Benzofluoranthene       | <11     | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 4,4-DDD                     | < 0.060 | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 4,4-DDD                     | < 0.060 | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 4,4-DDE                     | < 0.060 | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 4,4-DDE                     | < 0.060 | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 4,4-DDT                     | < 0.080 | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 4,4-DDT                     | < 0.080 | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 4-Bromophenyl phenyl ether  | < 10    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 4-Bromophenyl phenyl ether  | < 10    | µg/L  |       |               |         |
|            |                  | IEUA     | G           | 4-Chloro-3-methylphenol     | < 10    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 4-Chlorophenyl phenyl ether | < 10    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 4-Chlorophenyl phenyl ether | < 10    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | 4-Nitrophenol               | < 30    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | 4-Nitrophenol               | < 30    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Acenaphthene                | < 10    | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Acenaphthene                | <10     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Acenaphthene                | <11     | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Acenaphthene                | < 10    | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Acenaphthylene              | < 10    | µg/L  |       | 1080          |         |

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10/20/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter          | Result  | Units | Permit Limits |               |
|------------|------------------|----------|-------------|--------------------|---------|-------|---------------|---------------|
|            |                  |          |             |                    |         |       | In NC         | Daily Monthly |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Acenaphthylene     | <10     | µg/L  |               | 1080          |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Acenaphthylene     | <11     | µg/L  |               | 1080          |
| 5/6/2014   | 1405063          | IEUA     | G           | Acenaphthylene     | < 10    | µg/L  |               | 1080          |
| 8/8/2013   | 1308090          | IEUA     | C           | Ag                 | < 0.01  | mg/L  |               |               |
| 12/10/2013 | 1312120          | IEUA     | C           | Ag                 | < 0.01  | mg/L  |               |               |
| 3/13/2014  | 1403167          | IEUA     | C           | Ag                 | < 0.01  | mg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | C           | Ag                 | < 0.01  | mg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Aldrin             | < 0.040 | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Aldrin             | < 0.040 | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Alpha-BHC          | < 0.080 | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Alpha-BHC          | < 0.080 | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Anthracene         | < 10    | µg/L  |               | 1080          |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Anthracene         | <10     | µg/L  |               | 1080          |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Anthracene         | <11     | µg/L  |               | 1080          |
| 5/6/2014   | 1405063          | IEUA     | G           | Anthracene         | < 10    | µg/L  |               | 1080          |
| 8/8/2013   | 1308090          | IEUA     | C           | As                 | < 0.01  | mg/L  |               |               |
| 12/10/2013 | 1312120          | IEUA     | C           | As                 | < 0.01  | mg/L  |               |               |
| 3/13/2014  | 1403167          | IEUA     | C           | As                 | < 0.01  | mg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | C           | As                 | < 0.01  | mg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Azobenzene         | < 10    | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Azobenzene         | < 10    | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | C           | Ba                 | < 0.01  | mg/L  |               |               |
| 12/10/2013 | 1312120          | IEUA     | C           | Ba                 | < 0.01  | mg/L  |               |               |
| 3/13/2014  | 1403167          | IEUA     | C           | Ba                 | < 0.01  | mg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | C           | Ba                 | < 0.01  | mg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Benzidine          | < 50    | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Benzidine          | < 50    | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Benzo(a)anthracene | < 50    | µg/L  |               |               |

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01/12/2014

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter                   | Result  | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|-----------------------------|---------|-------|-------|---------------|---------|
|            |                  |          |             |                             |         |       |       | Daily         | Monthly |
| 5/6/2014   | 1405063          | IEUA     | G           | Benzo(a)anthracene          | < 50    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Benzo(a)pyrene              | < 10    | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Benzo(a)pyrene              | <10     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Benzo(a)pyrene              | <11     | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Benzo(a)pyrene              | < 10    | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Benzo(b)fluoranthene        | < 10    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Benzo(b)fluoranthene        | < 10    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Benzo(g,h,i)perylene        | < 20    | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Benzo(g,h,i)perylene        | <10     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Benzo(g,h,i)perylene        | <11     | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Benzo(g,h,i)perylene        | < 20    | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Benzo(k)fluoranthene        | < 10    | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Benzo(k)fluoranthene        | <10     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Benzo(k)fluoranthene        | <11     | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Benzo(k)fluoranthene        | < 10    | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Beta-BHC                    | < 0.050 | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Beta-BHC                    | < 0.050 | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Bis(2-chloroethoxy)methane  | < 20    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Bis(2-chloroethoxy)methane  | < 20    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Bis(2-chloroethyl)ether     | < 10    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Bis(2-chloroethyl)ether     | < 10    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Bis(2-chloroisopropyl)ether | < 10    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Bis(2-chloroisopropyl)ether | < 10    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Bis(2-ethylhexyl)phthalate  | < 20    | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Bis(2-ethylhexyl)phthalate  | 5.7     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Bis(2-ethylhexyl)phthalate  | <3.3    | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Bis(2-ethylhexyl)phthalate  | < 20    | µg/L  |       | 1080          |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | BOD5                        | 23      | mg/L  |       |               |         |

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03/20 13

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter              | Result  | Units | Permit Limits |       |         |
|------------|------------------|----------|-------------|------------------------|---------|-------|---------------|-------|---------|
|            |                  |          |             |                        |         |       | In NC         | Daily | Monthly |
| 8/8/2013   | 1308090          | IEUA     | C           | BOD5                   | 70      | mg/L  |               |       |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | BOD5                   | 120     | mg/L  |               |       |         |
| 12/10/2013 | 1312120          | IEUA     | C           | BOD5                   | 40      | mg/L  |               |       |         |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | BOD5                   | 47      | mg/L  |               |       |         |
| 3/13/2014  | 1403167          | IEUA     | C           | BOD5                   | 20      | mg/L  |               |       |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | BOD5                   | 20      | mg/L  |               |       |         |
| 5/6/2014   | 1405063          | IEUA     | C           | BOD5                   | 18      | mg/L  |               |       |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Butyl benzyl phthalate | < 10    | µg/L  |               |       |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Butyl benzyl phthalate | < 10    | µg/L  |               |       |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | Cd                     | <0.002  | mg/L  |               | 2.8   |         |
| 8/8/2013   | 1308090          | IEUA     | C           | Cd                     | < 0.01  | mg/L  |               | 2.8   |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Cd                     | <0.002  | mg/L  |               | 2.8   |         |
| 12/10/2013 | 1312120          | IEUA     | C           | Cd                     | < 0.01  | mg/L  |               | 2.8   |         |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | Cd                     | <0.002  | mg/L  |               | 2.8   |         |
| 3/13/2014  | 1403167          | IEUA     | C           | Cd                     | < 0.01  | mg/L  |               | 2.8   |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | Cd                     | <0.002  | mg/L  |               | 2.8   |         |
| 5/6/2014   | 1405063          | IEUA     | C           | Cd                     | < 0.01  | mg/L  |               | 2.8   |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Chlordane              | < 1.0   | µg/L  |               |       |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Chlordane              | < 1.0   | µg/L  |               |       |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Chrysene               | < 10    | µg/L  |               | 1080  |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Chrysene               | <10     | µg/L  |               | 1080  |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Chrysene               | <11     | µg/L  |               | 1080  |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Chrysene               | < 10    | µg/L  |               | 1080  |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | G           | CN                     | <0.005  | mg/L  |               | 0.10  | 0.04    |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | G           | CN                     | <0.005  | mg/L  |               | 0.69  | 0.29    |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | G           | CN                     | <0.005  | mg/L  |               | 0.69  | 0.29    |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | CN                     | <0.005  | mg/L  |               | 0.69  | 0.29    |
| 8/8/2013   | 1308090          | IEUA     | G           | CN, Total              | < 0.005 | mg/L  |               |       |         |

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12/13/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter              | Result  | Units | Permit Limits |           |
|------------|------------------|----------|-------------|------------------------|---------|-------|---------------|-----------|
|            |                  |          |             |                        |         |       | In NC         | Daily     |
| 12/10/2013 | 1312120          | IEUA     | G           | CN, Total              | < 0.005 | mg/L  |               |           |
| 3/13/2014  | 1403167          | IEUA     | G           | CN, Total              | < 0.005 | mg/L  |               |           |
| 5/6/2014   | 1405063          | IEUA     | G           | CN, Total              | < 0.005 | mg/L  |               |           |
| 8/8/2013   | 1308090          | IEUA     | C           | Co                     | < 0.01  | mg/L  |               |           |
| 12/10/2013 | 1312120          | IEUA     | C           | Co                     | < 0.01  | mg/L  |               |           |
| 3/13/2014  | 1403167          | IEUA     | C           | Co                     | < 0.01  | mg/L  |               |           |
| 5/6/2014   | 1405063          | IEUA     | C           | Co                     | < 0.01  | mg/L  |               |           |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | Cr                     | <0.020  | mg/L  |               | 0.26 0.10 |
| 8/8/2013   | 1308090          | IEUA     | C           | Cr                     | < 0.01  | mg/L  |               | 3.61 1.47 |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Cr                     | <0.020  | mg/L  |               | 3.61 1.47 |
| 12/10/2013 | 1312120          | IEUA     | C           | Cr                     | < 0.01  | mg/L  |               | 3.61 1.47 |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | Cr                     | <0.020  | mg/L  |               | 3.61 1.47 |
| 3/13/2014  | 1403167          | IEUA     | C           | Cr                     | < 0.01  | mg/L  |               | 3.61 1.47 |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | Cr                     | <0.020  | mg/L  |               | 3.61 1.47 |
| 5/6/2014   | 1405063          | IEUA     | C           | Cr                     | < 0.01  | mg/L  |               | 3.61 1.47 |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | Cu                     | 0.042   | mg/L  |               | 45        |
| 8/8/2013   | 1308090          | IEUA     | C           | Cu                     | < 0.02  | mg/L  |               |           |
| 12/10/2013 | 1312120          | IEUA     | C           | Cu                     | < 0.02  | mg/L  |               |           |
| 3/13/2014  | 1403167          | IEUA     | C           | Cu                     | < 0.02  | mg/L  |               |           |
| 5/6/2014   | 1405063          | IEUA     | C           | Cu                     | < 0.02  | mg/L  |               |           |
| 8/8/2013   | 1308090          | IEUA     | G           | Delta-BHC              | < 0.070 | µg/L  |               |           |
| 5/6/2014   | 1405063          | IEUA     | G           | Delta-BHC              | < 0.070 | µg/L  |               |           |
| 8/8/2013   | 1308090          | IEUA     | G           | Dibenzo(a,h)anthracene | < 10    | µg/L  |               | 1080      |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Dibenzo(a,h)anthracene | <10     | µg/L  |               | 1080      |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Dibenzo(a,h)anthracene | <11     | µg/L  |               | 1080      |
| 5/6/2014   | 1405063          | IEUA     | G           | Dibenzo(a,h)anthracene | < 10    | µg/L  |               | 1080      |
| 8/8/2013   | 1308090          | IEUA     | G           | Dieldrin               | < 0.060 | µg/L  |               |           |
| 5/6/2014   | 1405063          | IEUA     | G           | Dieldrin               | < 0.060 | µg/L  |               |           |

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 NC = Numerical Violation NC Sample = Sample Taken in Response to Enforcement Action  
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01/17/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter            | Result  | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|----------------------|---------|-------|-------|---------------|---------|
|            |                  |          |             |                      |         |       |       | Daily         | Monthly |
| 8/8/2013   | 1308090          | IEUA     | G           | Diethyl phthalate    | < 20    | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Diethyl phthalate    | <10     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Diethyl phthalate    | <11     | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Diethyl phthalate    | < 20    | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Dimethyl phthalate   | < 10    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Dimethyl phthalate   | < 10    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Di-n-butyl phthalate | < 10    | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Di-n-butyl phthalate | <10     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Di-n-butyl phthalate | <11     | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Di-n-butyl phthalate | < 10    | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Di-n-octyl phthalate | < 10    | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Di-n-octyl phthalate | < 10    | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | Field       | DS                   | <0.1    | mg/L  |       |               |         |
| 12/10/2013 | 1312120          | IEUA     | Field       | DS                   | <0.1    | mg/L  |       |               |         |
| 3/13/2014  | 1403167          | IEUA     | Field       | DS                   | <0.1    | mg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Endosulfan I         | < 0.10  | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Endosulfan I         | < 0.10  | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Endosulfan II        | < 0.070 | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Endosulfan II        | < 0.070 | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Endosulfan Sulfate   | < 0.090 | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Endosulfan Sulfate   | <10     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Endosulfan Sulfate   | <0.66   | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Endosulfan Sulfate   | < 0.090 | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Endrin               | < 0.090 | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Endrin               | <10     | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Endrin               | <0.060  | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Endrin               | < 0.090 | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Endrin aldehyde      | < 0.060 | µg/L  |       | 1080          |         |

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10/22/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter       | Result  | Units | Permit Limits |       |         |
|------------|------------------|----------|-------------|-----------------|---------|-------|---------------|-------|---------|
|            |                  |          |             |                 |         |       | In NC         | Daily | Monthly |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Endrin aldehyde | <0.23   | µg/L  |               | 1080  |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Endrin aldehyde | <0.23   | µg/L  |               | 1080  |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Endrin aldehyde | < 0.060 | µg/L  |               | 1080  |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Ethylbenzene    | < 50    | µg/L  |               | 1080  |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | G           | Ethylbenzene    | <20     | µg/L  |               | 1080  |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Ethylbenzene    | <5.0    | µg/L  |               | 1080  |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Ethylbenzene    | < 50    | µg/L  |               | 1080  |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | F               | 0.3     | mg/L  |               | 51.5  | 22.8    |
| 8/8/2013   | 1308090          | IEUA     | C           | F               | 0.1     | mg/L  |               | 805.2 | 356.7   |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | F               | <0.1    | mg/L  |               | 805.2 | 356.7   |
| 12/10/2013 | 1312120          | IEUA     | C           | F               | < 0.1   | mg/L  |               | 805.2 | 356.7   |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | F               | <0.1    | mg/L  |               | 805.2 | 356.7   |
| 3/13/2014  | 1403167          | IEUA     | C           | F               | 0.1     | mg/L  |               | 805.2 | 356.7   |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | F               | 0.1     | mg/L  |               | 805.2 | 356.7   |
| 5/6/2014   | 1405063          | IEUA     | C           | F               | < 0.1   | mg/L  |               | 805.2 | 356.7   |
| 8/8/2013   | 1308090          | IEUA     | C           | Fe              | < 0.15  | mg/L  |               |       |         |
| 12/10/2013 | 1312120          | IEUA     | C           | Fe              | 0.18    | mg/L  |               |       |         |
| 3/13/2014  | 1403167          | IEUA     | C           | Fe              | < 0.15  | mg/L  |               |       |         |
| 5/6/2014   | 1405063          | IEUA     | C           | Fe              | < 0.15  | mg/L  |               |       |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | Metered     | Flow-T          | 6006    | gpd   |               |       |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | Metered     | Flow-T          | 3158    | gpd   |               |       |         |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | Metered     | Flow-T          | 11675   | gpd   |               |       |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | Metered     | Flow-T          | 1336    | gpd   |               |       |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Fluoranthene    | < 10    | µg/L  |               | 1080  |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Fluoranthene    | <10     | µg/L  |               | 1080  |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Fluoranthene    | <11     | µg/L  |               | 1080  |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Fluoranthene    | < 10    | µg/L  |               | 1080  |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Fluorene        | < 10    | µg/L  |               | 1080  |         |

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10/20/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter                 | Result  | Units | Permit Limits |               |
|------------|------------------|----------|-------------|---------------------------|---------|-------|---------------|---------------|
|            |                  |          |             |                           |         |       | In NC         | Daily Monthly |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Fluorene                  | <10     | µg/L  |               | 1080          |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Fluorene                  | <11     | µg/L  |               | 1080          |
| 5/6/2014   | 1405063          | IEUA     | G           | Fluorene                  | < 10    | µg/L  |               | 1080          |
| 8/8/2013   | 1308090          | IEUA     | G           | Gamma-BHC                 | < 0.10  | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Gamma-BHC                 | < 0.10  | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Heptachlor                | < 0.060 | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Heptachlor                | < 0.060 | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Heptachlor epoxide        | < 0.070 | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Heptachlor epoxide        | < 0.070 | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Hexachlorobenzene         | < 10    | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Hexachlorobenzene         | < 10    | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Hexachlorobutadiene       | < 10    | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Hexachlorobutadiene       | < 10    | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Hexachlorocyclopentadiene | < 50    | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Hexachlorocyclopentadiene | < 50    | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Hexachloroethane          | < 10    | µg/L  |               |               |
| 5/6/2014   | 1405063          | IEUA     | G           | Hexachloroethane          | < 10    | µg/L  |               |               |
| 8/8/2013   | 1308090          | IEUA     | G           | Indeno(1,2,3-cd)pyrene    | < 20    | µg/L  |               | 1080          |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Indeno(1,2,3-cd)pyrene    | <10     | µg/L  |               | 1080          |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Indeno(1,2,3-cd)pyrene    | <11     | µg/L  |               | 1080          |
| 5/6/2014   | 1405063          | IEUA     | G           | Indeno(1,2,3-cd)pyrene    | < 20    | µg/L  |               | 1080          |
| 8/8/2013   | 1308090          | IEUA     | G           | Isophorone                | < 10    | µg/L  |               | 1080          |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Isophorone                | <10     | µg/L  |               | 1080          |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Isophorone                | <11     | µg/L  |               | 1080          |
| 5/6/2014   | 1405063          | IEUA     | G           | Isophorone                | < 10    | µg/L  |               | 1080          |
| 8/8/2013   | 1308090          | IEUA     | C           | Mn                        | < 0.02  | mg/L  |               |               |
| 12/10/2013 | 1312120          | IEUA     | C           | Mn                        | < 0.02  | mg/L  |               |               |
| 3/13/2014  | 1403167          | IEUA     | C           | Mn                        | < 0.02  | mg/L  |               |               |

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| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter   | Result | Units | Permit Limits |       |         |
|------------|------------------|----------|-------------|-------------|--------|-------|---------------|-------|---------|
|            |                  |          |             |             |        |       | In NC         | Daily | Monthly |
| 5/6/2014   | 1405063          | IEUA     | C           | Mn          | < 0.02 | mg/L  |               |       |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Naphthalene | < 10   | µg/L  |               | 1080  |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Naphthalene | <10    | µg/L  |               | 1080  |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Naphthalene | <11    | µg/L  |               | 1080  |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Naphthalene | < 10   | µg/L  |               | 1080  |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | NH3         | <0.12  | mg/L  |               |       |         |
| 8/8/2013   | 1308090          | IEUA     | C           | NH3         | < 0.2  | mg/L  |               | 341.9 | 150.3   |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | NH3         | 2.4    | mg/L  |               |       |         |
| 12/10/2013 | 1312120          | IEUA     | C           | NH3         | < 2.0  | mg/L  |               | 341.9 | 150.3   |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | NH3         | <0.12  | mg/L  |               |       |         |
| 3/13/2014  | 1403167          | IEUA     | C           | NH3         | 0.7    | mg/L  |               | 341.9 | 150.3   |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | NH3         | <0.12  | mg/L  |               | 341.9 | 150.3   |
| 5/6/2014   | 1405063          | IEUA     | C           | NH3         | < 0.2  | mg/L  |               | 341.9 | 150.3   |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | NH3-N       | <0.10  | mg/L  |               |       |         |
| 8/8/2013   | 1308090          | IEUA     | C           | NH3-N       | < 0.1  | mg/L  |               |       |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | NH3-N       | 2.0    | mg/L  |               |       |         |
| 12/10/2013 | 1312120          | IEUA     | C           | NH3-N       | < 1.0  | mg/L  |               |       |         |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | NH3-N       | <0.10  | mg/L  |               |       |         |
| 3/13/2014  | 1403167          | IEUA     | C           | NH3-N       | 0.6    | mg/L  |               |       |         |
| 5/6/2014   | 1405063          | IEUA     | C           | NH3-N       | < 0.1  | mg/L  |               |       |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | Ni          | <0.020 | mg/L  |               | 0.32  | 0.22    |
| 8/8/2013   | 1308090          | IEUA     | C           | Ni          | 0.01   | mg/L  |               | 6.03  | 4.06    |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Ni          | 0.026  | mg/L  |               | 6.03  | 4.06    |
| 12/10/2013 | 1312120          | IEUA     | C           | Ni          | 0.01   | mg/L  |               | 6.03  | 4.06    |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | Ni          | <0.020 | mg/L  |               | 6.03  | 4.06    |
| 3/13/2014  | 1403167          | IEUA     | C           | Ni          | < 0.01 | mg/L  |               | 6.03  | 4.06    |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | Ni          | <0.020 | mg/L  |               | 6.03  | 4.06    |
| 5/6/2014   | 1405063          | IEUA     | C           | Ni          | 0.01   | mg/L  |               | 6.03  | 4.06    |

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01/14/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter                  | Result | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|----------------------------|--------|-------|-------|---------------|---------|
|            |                  |          |             |                            |        |       |       | Daily         | Monthly |
| 8/8/2013   | 1308090          | IEUA     | G           | Nitrobenzene               | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Nitrobenzene               | < 10   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | N-Nitrosodimethylamine     | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | N-Nitrosodimethylamine     | < 10   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | N-Nitroso-di-n-propylamine | < 10   | µg/L  |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | N-Nitroso-di-n-propylamine | < 10   | µg/L  |       |               |         |
| 8/8/2013   | 1308090          | IEUA     | G           | N-Nitrosodiphenylamine     | < 10   | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | N-Nitrosodiphenylamine     | <10    | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | N-Nitrosodiphenylamine     | <11    | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | N-Nitrosodiphenylamine     | < 10   | µg/L  |       | 1080          |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | Pb                         | <0.010 | mg/L  |       | 0.12          | 0.06    |
| 8/8/2013   | 1308090          | IEUA     | C           | Pb                         | < 0.02 | mg/L  |       | 1.08          | 0.51    |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Pb                         | <0.010 | mg/L  |       | 1.08          | 0.51    |
| 12/10/2013 | 1312120          | IEUA     | C           | Pb                         | < 0.02 | mg/L  |       | 1.08          | 0.51    |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | Pb                         | <0.010 | mg/L  |       | 1.08          | 0.51    |
| 3/13/2014  | 1403167          | IEUA     | C           | Pb                         | < 0.02 | mg/L  |       | 1.08          | 0.51    |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | Pb                         | <0.010 | mg/L  |       | 1.08          | 0.51    |
| 5/6/2014   | 1405063          | IEUA     | C           | Pb                         | < 0.02 | mg/L  |       | 1.08          | 0.51    |
| 8/8/2013   | 1308090          | IEUA     | G           | PCB-1016                   | < 5.0  | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | PCB-1016                   | <50    | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | PCB-1016                   | <1.0   | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | PCB-1016                   | < 5.0  | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | PCB-1221                   | < 5.0  | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | PCB-1221                   | <50    | µg/L  |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | PCB-1221                   | <1.0   | µg/L  |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | PCB-1221                   | < 5.0  | µg/L  |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | PCB-1232                   | < 5.0  | µg/L  |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | PCB-1232                   | <50    | µg/L  |       | 1080          |         |

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|------------|------------------|----------|-------------|-------------------|--------|----------|-------|---------------|---------|
|            |                  |          |             |                   |        |          |       | Daily         | Monthly |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | PCB-1232          | <1.0   | µg/L     |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | PCB-1232          | < 5.0  | µg/L     |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | PCB-1242          | < 5.0  | µg/L     |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | PCB-1242          | <50    | µg/L     |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | PCB-1242          | <1.0   | µg/L     |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | PCB-1242          | < 5.0  | µg/L     |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | PCB-1248          | < 5.0  | µg/L     |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | PCB-1248          | <50    | µg/L     |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | PCB-1248          | <1.0   | µg/L     |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | PCB-1248          | < 5.0  | µg/L     |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | PCB-1254          | < 5.0  | µg/L     |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | PCB-1254          | <50    | µg/L     |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | PCB-1254          | <1.0   | µg/L     |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | PCB-1254          | < 5.0  | µg/L     |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | PCB-1260          | < 5.0  | µg/L     |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | PCB-1260          | <50    | µg/L     |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | PCB-1260          | <1.0   | µg/L     |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | PCB-1260          | < 5.0  | µg/L     |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | p-chloro-m-cresol | <10    | µg/L     |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | p-chloro-m-cresol | <20    | µg/L     |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | p-chloro-m-cresol | <22    | µg/L     |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Pentachlorophenol | < 20   | µg/L     |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Pentachlorophenol | < 20   | µg/L     |       |               |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | Field       | pH                | 6.9    | pH Units |       | 5-12.5        |         |
| 8/8/2013   | 1308090          | IEUA     | Field       | pH                | 7.83   | pH Units |       | 5-12.5        |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | Field       | pH                | 7.6    | pH Units |       | 5-12.5        |         |
| 12/10/2013 | 1312120          | IEUA     | Field       | pH                | 7.74   | pH Units |       | 5-12.5        |         |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | Field       | pH                | 7.73   | pH Units |       | 5-12.5        |         |

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| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter    | Result | Units    | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|--------------|--------|----------|-------|---------------|---------|
|            |                  |          |             |              |        |          |       | Daily         | Monthly |
| 3/13/2014  | 1403167          | IEUA     | Field       | pH           | 8.13   | pH Units |       | 5-12.5        |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | Field       | pH           | 8.53   | pH Units |       | 5-12.5        |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Phenanthrene | < 10   | µg/L     |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Phenanthrene | <10    | µg/L     |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Phenanthrene | <11    | µg/L     |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Phenanthrene | < 10   | µg/L     |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Phenol       | < 10   | µg/L     |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Phenol       | <10    | µg/L     |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Phenol       | <11    | µg/L     |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Phenol       | < 10   | µg/L     |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | G           | Pyrene       | < 10   | µg/L     |       | 1080          |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Pyrene       | <10    | µg/L     |       | 1080          |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | Pyrene       | <11    | µg/L     |       | 1080          |         |
| 5/6/2014   | 1405063          | IEUA     | G           | Pyrene       | < 10   | µg/L     |       | 1080          |         |
| 8/8/2013   | 1308090          | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 12/10/2013 | 1312120          | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 3/13/2014  | 1403167          | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 5/6/2014   | 1405063          | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | TDS          | 320    | mg/L     |       | 800           |         |
| 8/8/2013   | 1308090          | IEUA     | C           | TDS          | 394    | mg/L     |       | 800           |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | TDS          | 410    | mg/L     |       | 800           |         |
| 12/10/2013 | 1312120          | IEUA     | C           | TDS          | 546    | mg/L     |       | 800           |         |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | TDS          | 420    | mg/L     |       | 800           |         |
| 3/13/2014  | 1403167          | IEUA     | C           | TDS          | 368    | mg/L     |       | 800           |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | TDS          | 380    | mg/L     |       | 800           |         |
| 5/6/2014   | 1405063          | IEUA     | C           | TDS          | 550    | mg/L     |       | 800           |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | Field       | Temp         | 26     | °C       |       | 60            |         |
| 8/8/2013   | 1308090          | IEUA     | Field       | Temp         | 24.7   | °C       |       | 60            |         |

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10/17/2013

| Sampled:   | Sample ID:       | Source:     | Sample Type | Parameter               | Result | Units   | Permit Limits |               |
|------------|------------------|-------------|-------------|-------------------------|--------|---------|---------------|---------------|
|            |                  |             |             |                         |        |         | In NC         | Daily Monthly |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY    | Field       | Temp                    | 23     | °C      |               | 60            |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY    | Field       | Temp                    | 23.2   | °C      |               | 60            |
| 3/13/2014  | 1403167          | IEUA        | Field       | Temp                    | 20.6   | °C      |               | 60            |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY    | Field       | Temp                    | 21.8   | °C      |               | 60            |
| 5/6/2014   | 1405063          | IEUA        | G           | Tetrachloroethene       | < 50   | µg/L    |               |               |
| 8/8/2013   | 1308090          | IEUA        | G           | Tetrachloroethylene     | <50    | µg/L    |               | 1080          |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY    | G           | Tetrachloroethylene     | <20    | µg/L    |               | 1080          |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY    | G           | Tetrachloroethylene     | <5.0   | µg/L    |               | 1080          |
| 8/8/2013   | 1308090          | IEUA        | G           | Toluene                 | < 50   | µg/L    |               | 1080          |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY    | G           | Toluene                 | <20    | µg/L    |               | 1080          |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY    | G           | Toluene                 | <5.0   | µg/L    |               | 1080          |
| 5/6/2014   | 1405063          | IEUA        | G           | Toluene                 | < 50   | µg/L    |               | 1080          |
| 10/31/2013 | Flow             | IU Flow Rpt | Measured    | Total Gallons per Month | 115541 | Gallons |               |               |
| 11/30/2013 |                  | IU Flow Rpt | Measured    | Total Gallons per Month | 112264 | Gallons |               |               |
| 1/31/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 231060 | Gallons |               |               |
| 2/28/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 337789 | Gallons |               |               |
| 3/31/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 95512  | Gallons |               |               |
| 4/30/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 21699  | Gallons |               |               |
| 5/31/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 29208  | Gallons |               |               |
| 6/30/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 34338  | Gallons |               |               |
| 8/8/2013   | 1308090          | IEUA        | G           | Toxaphene               | < 5.0  | µg/L    |               |               |
| 5/6/2014   | 1405063          | IEUA        | G           | Toxaphene               | < 5.0  | µg/L    |               |               |
|            |                  | IEUA        | G           | Trichloroethene         | < 50   | µg/L    |               |               |
| 8/8/2013   | 1308090          | IEUA        | G           | Trichloroethylene       | <50    | µg/L    |               | 1080          |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY    | G           | Trichloroethylene       | <20    | µg/L    |               | 1080          |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY    | G           | Trichloroethylene       | <5.0   | µg/L    |               | 1080          |
| 8/8/2013   | 1308090          | IEUA        | Field       | TS                      | <0.1   | mg/L    |               |               |
| 12/10/2013 | 1312120          | IEUA        | Field       | TS                      | <0.1   | mg/L    |               |               |

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|------------|------------------|----------|-------------|-----------|--------|-------|---------------|-------|---------|
|            |                  |          |             |           |        |       | In NC         | Daily | Monthly |
| 3/13/2014  | 1403167          | IEUA     | Field       | TS        | <0.1   | mg/L  |               |       |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | TSS       | 12     | mg/L  |               |       |         |
| 8/8/2013   | 1308090          | IEUA     | C           | TSS       | 12     | mg/L  |               |       |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | TSS       | <10    | mg/L  |               |       |         |
| 12/10/2013 | 1312120          | IEUA     | C           | TSS       | 6      | mg/L  |               |       |         |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | TSS       | 28     | mg/L  |               |       |         |
| 3/13/2014  | 1403167          | IEUA     | C           | TSS       | 3      | mg/L  |               |       |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | TSS       | 8      | mg/L  |               |       |         |
| 5/6/2014   | 1405063          | IEUA     | C           | TSS       | 12     | mg/L  |               |       |         |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | G           | TTO       | <0.450 | mg/L  |               | 1.080 |         |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | G           | TTO       | <0.275 | mg/L  |               | 1.080 |         |
| 7/18/2013  | ESB B3G1894-01,  | INDUSTRY | C           | Zn        | 0.087  | mg/L  |               | 0.52  | 0.22    |
| 8/8/2013   | 1308090          | IEUA     | C           | Zn        | 0.09   | mg/L  |               | 3.47  | 1.45    |
| 10/17/2013 | ESB B3J1785-01,0 | INDUSTRY | C           | Zn        | 0.110  | mg/L  |               | 3.47  | 1.45    |
| 12/10/2013 | 1312120          | IEUA     | C           | Zn        | 0.15   | mg/L  |               | 3.47  | 1.45    |
| 1/29/2014  | ESB B4A2566-01,  | INDUSTRY | C           | Zn        | 0.091  | mg/L  |               | 3.47  | 1.45    |
| 3/13/2014  | 1403167          | IEUA     | C           | Zn        | 0.11   | mg/L  |               | 3.47  | 1.45    |
| 4/25/2014  | ESB B4D2668-01,  | INDUSTRY | C           | Zn        | 0.089  | mg/L  |               | 3.47  | 1.45    |
| 5/6/2014   | 1405063          | IEUA     | C           | Zn        | 0.10   | mg/L  |               | 3.47  | 1.45    |

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01/20/2013

| Sampled:   | Sample ID:      | Source:  | Sample Type | Parameter | Result | Units | Permit Limits |               |
|------------|-----------------|----------|-------------|-----------|--------|-------|---------------|---------------|
|            |                 |          |             |           |        |       | In NC         | Daily Monthly |
| 8/19/2013  | 1308234         | IEUA     | C           | Ag        | <0.01  | mg/L  |               |               |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | C           | Ag        | <0.02  | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Ag        | < 0.01 | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Ag        | < 0.01 | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Ag        | < 0.01 | mg/L  |               |               |
| 8/19/2013  | 1308234         | IEUA     | C           | As        | <0.01  | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | As        | < 0.01 | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | As        | < 0.01 | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | As        | < 0.01 | mg/L  |               |               |
| 8/19/2013  | 1308234         | IEUA     | C           | Ba        | 0.08   | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Ba        | 0.16   | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Ba        | 0.09   | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Ba        | 0.06   | mg/L  |               |               |
| 8/20/2013  | 1308234         | IEUA     | C           | BOD5      | 2      | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | BOD5      | 20     | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | BOD5      | 12     | mg/L  |               |               |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | C           | BOD5      | 5      | mg/L  |               |               |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | C           | BOD5      | 6      | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | BOD5      | 8      | mg/L  |               |               |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | C           | Cd        | <0.01  | mg/L  |               | 2.8           |
| 8/19/2013  | 1308234         | IEUA     | C           | Cd        | <0.01  | mg/L  |               |               |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | C           | Cd        | <0.01  | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Cd        | < 0.01 | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Cd        | < 0.01 | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Cd        | < 0.01 | mg/L  |               |               |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | G           | CN        | <0.01  | mg/L  |               |               |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | G           | CN        | <0.01  | mg/L  |               |               |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | G           | CN        | <0.01  | mg/L  |               |               |

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|------------|-----------------|----------|-------------|-----------|---------|-------|---------------|---------------|
|            |                 |          |             |           |         |       | In NC         | Daily Monthly |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | G           | CN        | <0.01   | mg/L  |               |               |
| 8/20/2013  | 1308234         | IEUA     | G           | CN, Total | < 0.005 | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | G           | CN, Total | < 0.005 | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | G           | CN, Total | < 0.005 | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | G           | CN, Total | < 0.005 | mg/L  |               |               |
| 8/19/2013  | 1308234         | IEUA     | C           | Co        | <0.01   | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Co        | < 0.01  | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Co        | < 0.01  | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Co        | < 0.01  | mg/L  |               |               |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | C           | Cr        | 0.030   | mg/L  |               |               |
| 8/19/2013  | 1308234         | IEUA     | C           | Cr        | <0.01   | mg/L  |               |               |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | C           | Cr        | <0.01   | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Cr        | 0.05    | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Cr        | 0.02    | mg/L  |               |               |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | C           | Cr        | 0.024   | mg/L  |               |               |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | C           | Cr        | <0.01   | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Cr        | 0.01    | mg/L  |               |               |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | C           | Cu        | <0.02   | mg/L  |               |               |
| 8/19/2013  | 1308234         | IEUA     | C           | Cu        | <0.02   | mg/L  |               |               |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | C           | Cu        | <0.02   | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Cu        | < 0.02  | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Cu        | < 0.02  | mg/L  |               |               |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | C           | Cu        | 0.024   | mg/L  |               |               |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | C           | Cu        | <0.02   | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Cu        | < 0.02  | mg/L  |               |               |
| 8/20/2013  | 1308234         | IEUA     | Field       | DS        | <0.1    | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | Field       | DS        | <0.1    | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | Field       | DS        | <0.1    | mg/L  |               |               |

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01/12/2014

| Sampled:   | Sample ID:      | Source:  | Sample Type | Parameter             | Result | Units | Permit Limits |               |
|------------|-----------------|----------|-------------|-----------------------|--------|-------|---------------|---------------|
|            |                 |          |             |                       |        |       | In NC         | Daily Monthly |
| 6/12/2014  | 1406154         | IEUA     | Field       | DS                    | <0.1   | mg/L  |               |               |
| 8/19/2013  | 1308234         | IEUA     | C           | Fe                    | 0.15   | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Fe                    | 0.56   | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Fe                    | 0.16   | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Fe                    | < 0.15 | mg/L  |               |               |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | Metered     | Flow-T                | 3904   | gpd   |               | 25000         |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | Metered     | Flow-T                | 285    | gpd   |               | 25000         |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | Metered     | Flow-T                | 817    | gpd   |               | 25000         |
| 8/19/2013  | 1308234         | IEUA     | C           | Mn                    | <0.02  | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Mn                    | 0.02   | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Mn                    | < 0.02 | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Mn                    | < 0.02 | mg/L  |               |               |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | C           | Ni                    | <0.05  | mg/L  |               | 45            |
| 8/19/2013  | 1308234         | IEUA     | C           | Ni                    | <0.01  | mg/L  |               | 45            |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | C           | Ni                    | <0.05  | mg/L  |               | 45            |
| 12/10/2013 | 1312120         | IEUA     | C           | Ni                    | < 0.01 | mg/L  |               | 45            |
| 3/13/2014  | 1403166         | IEUA     | C           | Ni                    | < 0.01 | mg/L  |               | 45            |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | C           | Ni                    | <0.05  | mg/L  |               | 45            |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | C           | Ni                    | <0.05  | mg/L  |               | 45            |
| 6/12/2014  | 1406154         | IEUA     | C           | Ni                    | < 0.01 | mg/L  |               | 45            |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | G           | Oil and Grease, Total | 3      | mg/L  |               |               |
| 8/20/2013  | 1308234         | IEUA     | G           | Oil and Grease, Total | 6      | mg/L  |               |               |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | G           | Oil and Grease, Total | 3      | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | G           | Oil and Grease, Total | 44     | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | G           | Oil and Grease, Total | 12     | mg/L  |               |               |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | G           | Oil and Grease, Total | 6      | mg/L  |               |               |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | G           | Oil and Grease, Total | <1     | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | G           | Oil and Grease, Total | < 4    | mg/L  |               |               |

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08/19/2013

| Sampled:   | Sample ID:      | Source:  | Sample Type | Parameter | Result | Units    | Permit Limits |               |
|------------|-----------------|----------|-------------|-----------|--------|----------|---------------|---------------|
|            |                 |          |             |           |        |          | In NC         | Daily Monthly |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | C           | Pb        | <0.01  | mg/L     |               | 14            |
| 8/19/2013  | 1308234         | IEUA     | C           | Pb        | <0.02  | mg/L     |               | 14            |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | C           | Pb        | <0.01  | mg/L     |               | 14            |
| 12/10/2013 | 1312120         | IEUA     | C           | Pb        | < 0.02 | mg/L     |               | 14            |
| 3/13/2014  | 1403166         | IEUA     | C           | Pb        | < 0.02 | mg/L     |               | 14            |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | C           | Pb        | <0.01  | mg/L     |               | 14            |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | C           | Pb        | <0.01  | mg/L     |               | 14            |
| 6/12/2014  | 1406154         | IEUA     | C           | Pb        | < 0.02 | mg/L     |               | 14            |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | Field       | pH        | 7.75   | pH Units |               | 5-12.5        |
| 8/20/2013  | 1308234         | IEUA     | Field       | pH        | 8.12   | pH Units |               | 5-12.5        |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | Field       | pH        | 7.62   | pH Units |               | 5-12.5        |
| 12/10/2013 | 1312120         | IEUA     | Field       | pH        | 8.09   | pH Units |               | 5-12.5        |
| 3/13/2014  | 1403166         | IEUA     | Field       | pH        | 6.71   | pH Units |               | 5-12.5        |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | Field       | pH        | 8.03   | pH Units |               | 5-12.5        |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | Field       | pH        | 8.02   | pH Units |               | 5-12.5        |
| 6/12/2014  | 1406154         | IEUA     | Field       | pH        | 8.01   | pH Units |               | 5-12.5        |
| 8/19/2013  | 1308234         | IEUA     | C           | Se        | <0.02  | mg/L     |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Se        | < 0.02 | mg/L     |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Se        | < 0.02 | mg/L     |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Se        | < 0.02 | mg/L     |               |               |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | C           | TDS       | 254    | mg/L     |               | 800           |
| 8/19/2013  | 1308234         | IEUA     | C           | TDS       | 324    | mg/L     |               | 800           |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | C           | TDS       | 228    | mg/L     |               | 800           |
| 12/10/2013 | 1312120         | IEUA     | C           | TDS       | 322    | mg/L     |               | 800           |
| 3/13/2014  | 1403166         | IEUA     | C           | TDS       | 290    | mg/L     |               | 800           |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | C           | TDS       | 292    | mg/L     |               | 800           |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | C           | TDS       | 257    | mg/L     |               | 800           |
| 6/12/2014  | 1406154         | IEUA     | C           | TDS       | 394    | mg/L     |               | 800           |

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07/14/2013

| Sampled:   | Sample ID:      | Source:  | Sample Type | Parameter | Result | Units | Permit Limits |               |
|------------|-----------------|----------|-------------|-----------|--------|-------|---------------|---------------|
|            |                 |          |             |           |        |       | In NC         | Daily Monthly |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | Field       | Temp      | 29.7   | °C    |               | 60            |
| 8/20/2013  | 1308234         | IEUA     | Field       | Temp      | 26.2   | °C    |               | 60            |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | Field       | Temp      | 24.4   | °C    |               | 60            |
| 12/10/2013 | 1312120         | IEUA     | Field       | Temp      | 17.7   | °C    |               | 60            |
| 3/13/2014  | 1403166         | IEUA     | Field       | Temp      | 16.9   | °C    |               | 60            |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | Field       | Temp      | 25.2   | °C    |               | 60            |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | Field       | Temp      | 35     | °C    |               | 60            |
| 6/12/2014  | 1406154         | IEUA     | Field       | Temp      | 23.4   | °C    |               | 60            |
| 8/20/2013  | 1308234         | IEUA     | Field       | TS        | <0.1   | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | Field       | TS        | <0.1   | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | Field       | TS        | <0.1   | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | Field       | TS        | <0.1   | mg/L  |               |               |
| 8/20/2013  | 1308234         | IEUA     | C           | TSS       | 6      | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | TSS       | 49     | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | TSS       | 9      | mg/L  |               |               |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | C           | TSS       | 5      | mg/L  |               |               |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | C           | TSS       | 20     | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | TSS       | 7      | mg/L  |               |               |
| 8/14/2013  | EC 130814-7,-8  | INDUSTRY | C           | Zn        | 0.078  | mg/L  |               |               |
| 8/19/2013  | 1308234         | IEUA     | C           | Zn        | 0.02   | mg/L  |               |               |
| 10/23/2013 | EC 131023-3, 4  | INDUSTRY | C           | Zn        | 0.027  | mg/L  |               |               |
| 12/10/2013 | 1312120         | IEUA     | C           | Zn        | 0.19   | mg/L  |               |               |
| 3/13/2014  | 1403166         | IEUA     | C           | Zn        | 0.05   | mg/L  |               |               |
| 3/18/2014  | EC 140318-2,3   | INDUSTRY | C           | Zn        | 0.493  | mg/L  |               |               |
| 4/8/2014   | EC 140408-54,55 | INDUSTRY | C           | Zn        | 0.086  | mg/L  |               |               |
| 6/12/2014  | 1406154         | IEUA     | C           | Zn        | 0.1    | mg/L  |               |               |

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11/11/2014

| <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> |

Report compiled by M. Barber

Date: 9/11/2014

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**2013/2014 PRETREATMENT ANNUAL REPORT**

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**City of Fontana**



City of Fontana  
CALIFORNIA

September 10, 2014

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

**SUBJECT: ANNUAL REPORT JULY 1, 2013 – JUNE 30, 2014**

Dear Mr. Proctor:

Enclosed is the City of Fontana Annual Pretreatment Program Report submission for fiscal year 2013/2014.

“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

A handwritten signature in black ink, appearing to read 'Dan Chadwick'.

*Fon* 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, 2013 through June 30, 2014.

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

**Table I** - 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 II - Summary of Significant Industrial User (SIU) Compliance Status.**

**Table II** - Summarizes compliance monitoring and inspections performed during fiscal year 2013/2014. 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 III - Summary of Significant Industrial User violations and enforcement actions for fiscal year 2013/2014.**

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 2010-1107 for fiscal year 2013/2014 was issued one (1) Notice of Violation. The NOV was for exceeding fixed TDS. A re-sample taken was in compliance.

**5) Table IV - Compliance Summary of Industrial Users.**

One (1) Notice of Violation was issued to SIU in 2013/2014. Cliffstar has meet full compliance.



## 6) Summary of Annual Budget

The City Pretreatment Program budget for fiscal year 2012/2013 and 2013/2014 was and is as follows:

|  | <u>2012/2013</u>  | <u>2013/2014</u>  |
|--|-------------------|-------------------|
| Personnel Costs                                | \$ 552,680        | \$ 563,442        |
| Operational Costs                              | \$ 44,280         | \$ 49,600         |
| Legal Fees, Lab Services, Engineering Services | \$ 128,042        | \$ 186,000        |
| Training                                       | \$ 7,750          | \$ 7,500          |
| Vehicle Maintenance & Liability                | \$ 56,050         | \$ 77,880         |
| Capital Expenditures                           | \$ 70             | \$ 5,000          |
|  | <b>\$ 788,872</b> | <b>\$ 889,422</b> |

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, was required to be published for FY 2013/2014.

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 288 industrial/commercial inspections of significant and non-significant dischargers. There were 73 new/renewal Class IV discharge permits issued in fiscal year 2013/2014, which brings the total of Commercial/Industrial Wastewater permits to 371.

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

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



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.

**Table I**  
**List of Significant Industrial Users and Applicable Standards**  
**2013/2014**

**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 |
|---------------|---|------------------------------|--|--|
| 2010-1107     | Cliffstar California LLC<br>11751 Pacific Ave.<br>Fontana, CA 92337 | N/A                          | N/A                                      | Local Limits                             |
| 2011-1127     | Lynam Industries<br>13050 Santa Ana Ave.<br>Fontana, CA 92337       | Zero Discharge               | Metal Finishing<br>40 CFR Part 433.17    | Local Limits                             |
| 2009-565      | Luster Cote Inc.<br>10841 Business Dr.<br>Fontana, CA 92337         | Zero Discharge               | Coil Coating<br>40 CFR 465.14            | Local Limits                             |

**Table II**  
**Significant Industrial User Compliance Status**  
**2013/2014**

**Agency: City of Fontana**

| Industrial User<br>Name and Address                                 | SIC  | Type of Pretreatment<br>Present                                 | # Samples Taken |        | TTO Cert. | # Inspections<br>Conducted |
|---|------|---|-----------------|--------|-----------|----------------------------|
|   |      |   | IU              | Agency |           |                            |
| Cliffstar California LLC<br>11751 Pacific Ave.<br>Fontana, CA 92337 | 2086 | Clarification<br>pH neutralization<br>Best Management Practices | 4               | 1      | N/A       | 2                          |
| Lynam Industries<br>13050 Santa Ana Ave.<br>Fontana, CA 92337       | 3429 | N/A<br>Zero Discharge   | 0               | 0      | N/A       | 1                          |
| Luster Cote Inc.<br>10841 Business Dr.<br>Fontana, CA 92337         | 3479 | N/A<br>Zero Discharge   | 0               | 0      | N/A       | 1                          |

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

**Table III**  
**Significant Industrial User Violations and Applicable Enforcement Actions**  
**2013/2014**

**Agency: City of Fontana**

| Industrial User<br>Name and Address                                 | SNC<br>Yes/No | Summary of Enforcement<br>Actions Proposed or Taken   | Standards Violated |       | Compliance<br>status | Amount of Fines this<br>Year |
|---|---------------|---|--------------------|-------|----------------------|------------------------------|
|   |               |   | Federal            | Local |                      |                              |
| Cliffstar California LLC<br>11751 Pacific Ave.<br>Fontana, CA 92337 | No            | (1) Notice of Violation Issued<br><br>3-10-14 – Exceeded permit discharge<br>limit for fixed TDS. | N/A                | Yes   | In compliance.       | \$0.00                       |
|   |               |   |                    |       |                      |                              |

Note: ( ) = Number of enforcement actions.

**Table IV**

**Compliance Summary of Industrial Users  
2013/2014**

**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 | 1 |
| 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 |

**2013/2014 INDUSTRY MONITORING DATA**

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**City of Fontana**



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

Time Period: Jul 1 2013 - Jun 30 2014

Permittee: **Cliffstar Corporation - Monitoring Point 001**

Permit No: 2007-275

07/19/2013

| Sampled:   | Sample ID: | Source:   | Sample Type | Parameter  | Result | Units    | In NC     | Permit Limits |          |
|------------|------------|-----------|-------------|------------|--------|----------|-----------|---------------|----------|
|            |            |           |             |            |        |          |           | Daily         | Monthly  |
| 9/17/2013  | TL 810004  | INDUSTRY  | C           | BOD5       | 1083   | mg/L     |           |               |          |
| 10/29/2013 | TL 810673  | INDUSTRY  | C           | BOD5       | 2200   | mg/L     |           |               |          |
| 2/19/2014  | TL 812277  | INDUSTRY  | C           | BOD5       | 3500   | mg/L     |           |               |          |
| 3/27/2014  | TL 812780  | NC sample | C           | BOD5       | 1950   | mg/L     |           |               |          |
| 5/28/2014  | TL 14E0194 | INDUSTRY  | C           | BOD5       | 2100   | mg/L     |           |               |          |
| 9/17/2013  | TL 810004  | INDUSTRY  | Flow Meter  | Flow-T     | 59392  | gpd      |           |               | 120000   |
| 10/29/2013 | TL 810673  | INDUSTRY  | Flow Meter  | Flow-T     | 61330  | gpd      |           |               | 120000   |
| 2/19/2014  | TL 812277  | INDUSTRY  | Flow Meter  | Flow-T     | 71240  | gpd      |           |               | 120000   |
| 3/27/2014  | TL 812780  | NC sample | Flow Meter  | Flow-T     | 53921  | gpd      |           |               | 120000   |
| 5/28/2014  | TL 14E0194 | INDUSTRY  | Flow Meter  | Flow-T     | 75311  | gpd      |           |               | 120000   |
| 9/17/2013  | TL 810004  | INDUSTRY  | Field       | pH         | 9.37   | pH Units |           |               | 5.0-12.5 |
| 10/29/2013 | TL 810673  | INDUSTRY  | Field       | pH         | 7.17   | pH Units |           |               | 5.0-12.5 |
| 2/19/2014  | TL 812277  | INDUSTRY  | Field       | pH         | 6.7    | pH Units |           |               | 5.0-12.5 |
| 3/27/2014  | TL 812780  | NC sample | Field       | pH         | 7.32   | pH Units |           |               | 5.0-12.5 |
| 5/28/2014  | TL 14E0194 | INDUSTRY  | Field       | pH         | 5.36   | pH Units |           |               | 5.0-12.5 |
| 3/27/2014  | TL 812780  | NC sample | C           | TDS        | 1910   | mg/L     |           |               |          |
| 9/17/2013  | TL 810004  | INDUSTRY  | C           | TDS, Fixed | 592    | mg/L     |           |               | 800      |
| 10/29/2013 | TL 810673  | INDUSTRY  | C           | TDS, Fixed | 512    | mg/L     |           |               | 800      |
| 2/19/2014  | TL 812277  | INDUSTRY  | C           | TDS, Fixed | 1370   | mg/L     | <b>NC</b> |               | 800      |
| 3/27/2014  | TL 812780  | NC sample | C           | TDS, Fixed | 744    | mg/L     |           |               | 800      |
| 5/28/2014  | TL 14E0194 | INDUSTRY  | C           | TDS, Fixed | 660    | mg/L     |           |               | 800      |
| 9/17/2013  | TL 810004  | INDUSTRY  | Field       | Temp       | 30.4   | °C       |           |               | 60       |
| 10/29/2013 | TL 810673  | INDUSTRY  | Field       | Temp       | 16.1   | °C       |           |               | 60       |
| 2/19/2014  | TL 812277  | INDUSTRY  | Field       | Temp       | 20     | °C       |           |               | 60       |

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3/27/2014

| <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> |
| 3/27/2014       | TL 812780         | NC sample      | Field              | Temp             | 25.22         | °C           |                      | 60                          |
| 5/28/2014       | TL 14E0194        | INDUSTRY       | Field              | Temp             | 27.8          | °C           |                      | 60                          |
| 9/17/2013       | TL 810004         | INDUSTRY       | C                  | TSS              | 36.6          | mg/L         |                      |                             |
| 10/29/2013      | TL 810673         | INDUSTRY       | C                  | TSS              | 83.1          | mg/L         |                      |                             |
| 2/19/2014       | TL 812277         | INDUSTRY       | C                  | TSS              | 209           | mg/L         |                      |                             |
| 3/27/2014       | TL 812780         | NC sample      | C                  | TSS              | 41.6          | mg/L         |                      |                             |
| 5/28/2014       | TL 14E0194        | INDUSTRY       | C                  | TSS              | 59.2          | mg/L         |                      |                             |
| 3/27/2014       | TL 812780         | NC sample      | C                  | VSS              | 1166          | mg/L         |                      |                             |

Report compiled by M. Barber

Date: 9/11/2014

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**2013/2014 PRETREATMENT ANNUAL REPORT**

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**City of Montclair**

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

In December 2005, IEUA entered an agreement with the City of Montclair (the City) to implement an industrial wastewater pretreatment program for the City's Significant Industrial Users (SIUs), which are identified by the City. 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.

The IBN's wastewater discharge permit was revised in December 2013 to clarify the laboratory test methods for the organic parameters listed in Appendix A.

**City of Montclair - List of Significant Industrial Users and Applicable Standards**

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

**City of Montclair - Significant Industrial User Compliance Status**

| INDUSTRIAL USER<br>NAME & ADDRESS  | INDUSTRIAL<br>CATEGORY                      | TYPE OF<br>PRETREATMENT<br>PRESENT | NUMBER OF<br>SAMPLES<br>TAKEN |        | TTO (TOMP)<br>CERTIFICATION | NUMBER OF<br>INSPECTIONS<br>CONDUCTED |
|--|---|------------------------------------|-------------------------------|--------|-----------------------------|---------------------------------------|
|  |   |                                    | IU                            | AGENCY |                             |                                       |
| Jewlland-Freya Health<br>Sciences, LLC dba<br>Ingredients by Nature<br>Manufacturing, LLC<br>5555 Brooks Street<br>Montclair, CA 91763 | Pharmaceutical Mfg.,<br>Part 439, Subpart D | Clarification                      | 4                             | 4      | No                          | 2                                     |

**City of Montclair - Significant Industrial User Violations and Applicable Enforcement Action**

| INDUSTRIAL USER<br>NAME & ADDRESS  | STANDARDS<br>VIOLATED |       | SNC | SUMMARY OF ENFORCEMENT<br>ACTIONS PROPOSED OR<br>TAKEN | ENFORCEMENT<br>ACTION/ DATE | FINES<br>ASSESSED<br>THIS YEAR |
|--|-----------------------|-------|-----|--|-----------------------------|--------------------------------|
|  | Federal               | Local |     |  |                             |                                |
| Jewlland-Freya Health<br>Sciences, LLC dba<br>Ingredients by Nature<br>Manufacturing, LLC<br>5555 Brooks Street<br>Montclair, CA 91763 | None                  | None  | No  | None Required  | N/A                         | None                           |

**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: | 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

**2013/2014 INDUSTRY MONITORING DATA**

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**City of Montclair**



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

Time Period: Jul 1 2013 - Jun 30 2014

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

Permit No: MONT-001

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter     | Result | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|---------------|--------|-------|-------|---------------|---------|
|            |                  |          |             |               |        |       |       | Daily         | Monthly |
| 5/6/2014   | 1405061          | IEUA     | G           | Acetone       | 337    | µg/L  |       | 20700         | 8200    |
| 5/15/2014  | WL 4E15047-01-0  | INDUSTRY | G           | Acetone       | 1900   | µg/L  |       | 20700         | 8200    |
| 5/20/2014  | 1405246          | IEUA     | G           | Acetone       | 2140   | µg/L  |       | 20700         | 8200    |
| 11/26/2013 | 1311316          | IEUA     | C           | Ag            | < 0.01 | mg/L  |       |               |         |
|            |                  | IEUA     | C           | As            | < 0.01 | mg/L  |       |               |         |
|            |                  | IEUA     | C           | Ba            | 0.05   | mg/L  |       |               |         |
| 8/20/2013  | 1308234          | IEUA     | C           | BOD5          | 44     | mg/L  |       |               |         |
|            | WL 3H20046-01,0  | INDUSTRY | C           | BOD5          | 88     | mg/L  |       |               |         |
| 11/19/2013 | WL 3K19059-01,02 | INDUSTRY | C           | BOD5          | 130    | mg/L  |       |               |         |
| 11/26/2013 | 1311316          | IEUA     | C           | BOD5          | 213    | mg/L  |       |               |         |
| 2/11/2014  | 1402138          | IEUA     | C           | BOD5          | 547    | mg/L  |       |               |         |
| 2/19/2014  | WL 4B19071-01    | INDUSTRY | C           | BOD5          | 420    | mg/L  |       |               |         |
| 5/6/2014   | 1405061          | IEUA     | C           | BOD5          | 40     | mg/L  |       |               |         |
| 5/15/2014  | WL 4E15047-01-0  | INDUSTRY | C           | BOD5          | 570    | mg/L  |       |               |         |
| 11/26/2013 | 1311316          | IEUA     | C           | Cd            | < 0.01 | mg/L  |       |               |         |
|            |                  | IEUA     | G           | CN, Total     | 0.006  | mg/L  |       |               |         |
|            |                  | IEUA     | C           | Co            | < 0.01 | mg/L  |       |               |         |
|            |                  | IEUA     | C           | Cr            | < 0.01 | mg/L  |       |               |         |
|            |                  | IEUA     | C           | Cu            | 0.15   | mg/L  |       |               |         |
| 8/20/2013  | 1308234          | IEUA     | Field       | DS            | <0.1   | mg/L  |       |               |         |
| 11/26/2013 | 1311316          | IEUA     | Field       | DS            | <0.1   | mg/L  |       |               |         |
| 2/11/2014  | 1402138          | IEUA     | Field       | DS            | <0.1   | mg/L  |       |               |         |
| 5/20/2014  | 1405246          | IEUA     | Field       | DS            | <0.1   | mg/L  |       |               |         |
| 2/11/2014  | Eaton WW 736383  | IEUA     | G           | ethyl acetate | <50    | µg/L  |       | 20700         | 8200    |

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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> |
| 5/6/2014        | Eaton WW 480226   | IEUA           | G                  | ethyl acetate      | <50           | µg/L         |              | 20700                | 8200           |
| 6/18/2014       | WL 4F18068-01     | INDUSTRY       | G                  | ethyl acetate      | <5.0          | µg/L         |              | 20700                | 8200           |
| 11/26/2013      | 1311316           | IEUA           | C                  | Fe                 | 0.86          | mg/L         |              |                      |                |
| 2/11/2014       | Eaton WW 736383   | IEUA           | G                  | isopropyl acetate  | <50           | µg/L         |              | 20700                | 8200           |
| 5/6/2014        | Eaton WW 480226   | IEUA           | G                  | isopropyl acetate  | <50           | µg/L         |              | 20700                | 8200           |
| 6/18/2014       | WL 4F18068-01     | INDUSTRY       | G                  | isopropyl acetate  | <5.0          | µg/L         |              | 20700                | 8200           |
| 5/6/2014        | 1405061           | IEUA           | G                  | Methylene chloride | < 25.0        | µg/L         |              | 3000                 | 700            |
| 5/15/2014       | WL 4E15047-01-0   | INDUSTRY       | G                  | Methylene chloride | <5.0          | µg/L         |              | 3000                 | 700            |
| 5/20/2014       | 1405246           | IEUA           | G                  | Methylene chloride | < 0.5         | µg/L         |              | 3000                 | 700            |
| 11/26/2013      | 1311316           | IEUA           | C                  | Mn                 | 0.02          | mg/L         |              |                      |                |
| 2/11/2014       | Eaton WW 736383   | IEUA           | G                  | n-amyl acetate     | <25           | µg/L         |              | 20700                | 8200           |
| 5/6/2014        | Eaton WW 480226   | IEUA           | G                  | n-amyl acetate     | <25           | µg/L         |              | 20700                | 8200           |
| 6/18/2014       | WL 4F18068-01     | INDUSTRY       | G                  | n-amyl acetate     | <5.0          | µg/L         |              | 20700                | 8200           |
| 11/26/2013      | 1311316           | IEUA           | C                  | Ni                 | < 0.01        | mg/L         |              |                      |                |
|                 |                   | IEUA           | C                  | Pb                 | < 0.02        | mg/L         |              |                      |                |
| 8/20/2013       | WL 3H20046-01,0   | INDUSTRY       | Field              | pH                 | 8.20          | pH Units     |              | 5.0 - 12.5           |                |
|                 | 1308234           | IEUA           | Field              | pH                 | 7.29          | pH Units     |              | 5.0 - 12.5           |                |
| 11/19/2013      | WL 3K19059-01,02  | INDUSTRY       | Field              | pH                 | 7.52          | pH Units     |              | 5.0 - 12.5           |                |
| 11/26/2013      | 1311316           | IEUA           | Field              | pH                 | 7.11          | pH Units     |              | 5.0 - 12.5           |                |
| 2/11/2014       | 1402138           | IEUA           | Field              | pH                 | 5.81          | pH Units     |              | 5.0 - 12.5           |                |
| 2/19/2014       | WL 4B19071-01     | INDUSTRY       | Field              | pH                 | 7.26          | pH Units     |              | 5.0 - 12.5           |                |
| 5/15/2014       | WL 4E15047-01-0   | INDUSTRY       | Field              | pH                 | 7.35          | pH Units     |              | 5.0 - 12.5           |                |
| 5/20/2014       | 1405246           | IEUA           | Field              | pH                 | 6.33          | pH Units     |              | 5.0 - 12.5           |                |
| 11/26/2013      | 1311316           | IEUA           | C                  | Se                 | < 0.02        | mg/L         |              |                      |                |
| 8/20/2013       | 1308234           | IEUA           | C                  | TDS                | 323           | mg/L         |              |                      |                |
|                 | WL 3H20046-01,0   | INDUSTRY       | C                  | TDS                | 330           | mg/L         |              |                      |                |
| 11/19/2013      | WL 3K19059-01,02  | INDUSTRY       | C                  | TDS                | 350           | mg/L         |              |                      |                |
| 11/26/2013      | 1311316           | IEUA           | C                  | TDS                | 446           | mg/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>In NC</u> | <u>Permit Limits</u> |                |
|-----------------|-------------------|----------------|--------------------|------------------|---------------|--------------|--------------|----------------------|----------------|
|                 |                   |                |                    |                  |               |              |              | <u>Daily</u>         | <u>Monthly</u> |
| 2/11/2014       | 1402138           | IEUA           | C                  | TDS              | 452           | mg/L         |              |                      |                |
| 2/19/2014       | WL 4B19071-01     | INDUSTRY       | C                  | TDS              | 560           | mg/L         |              |                      |                |
| 5/6/2014        | 1405061           | IEUA           | C                  | TDS              | 344           | mg/L         |              |                      |                |
| 5/15/2014       | WL 4E15047-01-0   | INDUSTRY       | C                  | TDS              | 730           | mg/L         |              |                      |                |
| 8/20/2013       | 1308234           | IEUA           | C                  | TDS, Fixed       | 282           | mg/L         |              | 550                  |                |
|                 | WL 3H20046-01,0   | INDUSTRY       | C                  | TDS, Fixed       | 50            | mg/L         |              | 550                  |                |
| 11/19/2013      | WL 3K19059-01,02  | INDUSTRY       | C                  | TDS, Fixed       | 78            | mg/L         |              | 550                  |                |
| 11/26/2013      | 1311316           | IEUA           | C                  | TDS, Fixed       | 364           | mg/L         |              | 550                  |                |
| 2/11/2014       | 1402138           | IEUA           | C                  | TDS, Fixed       | 326           | mg/L         |              | 550                  |                |
| 2/19/2014       | WL 4B19071-01     | INDUSTRY       | C                  | TDS, Fixed       | 220           | mg/L         |              | 550                  |                |
| 5/6/2014        | 1405061           | IEUA           | C                  | TDS, Fixed       | 298           | mg/L         |              | 550                  |                |
| 5/15/2014       | WL 4E15047-01-0   | INDUSTRY       | C                  | TDS, Fixed       | 400           | mg/L         |              | 550                  |                |
| 8/20/2013       | 1308234           | IEUA           | Field              | Temp             | 25.6          | °C           |              | 60                   |                |
|                 | WL 3H20046-01,0   | INDUSTRY       | Field              | Temp             | 20            | °C           |              | 60                   |                |
| 11/19/2013      | WL 3K19059-01,02  | INDUSTRY       | Field              | Temp             | 22.2          | °C           |              | 60                   |                |
| 11/26/2013      | 1311316           | IEUA           | Field              | Temp             | 20.1          | °C           |              | 60                   |                |
| 2/11/2014       | 1402138           | IEUA           | Field              | Temp             | 21.0          | °C           |              | 60                   |                |
| 2/19/2014       | WL 4B19071-01     | INDUSTRY       | Field              | Temp             | 22.22         | °C           |              | 60                   |                |
| 5/15/2014       | WL 4E15047-01-0   | INDUSTRY       | Field              | Temp             | 19.4          | °C           |              | 60                   |                |
| 5/20/2014       | 1405246           | IEUA           | Field              | Temp             | 23.6          | °C           |              | 60                   |                |
| 8/20/2013       | 1308234           | IEUA           | Field              | TS               | <0.1          | mg/L         |              |                      |                |
| 11/26/2013      | 1311316           | IEUA           | Field              | TS               | <0.1          | mg/L         |              |                      |                |
| 2/11/2014       | 1402138           | IEUA           | Field              | TS               | <0.1          | mg/L         |              |                      |                |
| 5/20/2014       | 1405246           | IEUA           | Field              | TS               | <0.1          | mg/L         |              |                      |                |
| 8/20/2013       | 1308234           | IEUA           | C                  | TSS              | 17            | mg/L         |              |                      |                |
|                 | WL 3H20046-01,0   | INDUSTRY       | C                  | TSS              | 11            | mg/L         |              |                      |                |
| 11/19/2013      | WL 3K19059-01,02  | INDUSTRY       | C                  | TSS              | 42            | mg/L         |              |                      |                |
| 11/25/2013      | 1311316           | IEUA           | C                  | TSS              | 121           | mg/L         |              |                      |                |

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|-----------------|-------------------|----------------|--------------------|------------------|---------------|--------------|----------------------|--------------|----------------|
|                 |                   |                |                    |                  |               |              | <u>In NC</u>         | <u>Daily</u> | <u>Monthly</u> |
| 2/11/2014       | 1402138           | IEUA           | C                  | TSS              | 71            | mg/L         |                      |              |                |
| 2/19/2014       | WL 4B19071-01     | INDUSTRY       | C                  | TSS              | 13            | mg/L         |                      |              |                |
| 5/6/2014        | 1405061           | IEUA           | C                  | TSS              | 21            | mg/L         |                      |              |                |
| 5/15/2014       | WL 4E15047-01-0   | INDUSTRY       | C                  | TSS              | 80            | mg/L         |                      |              |                |
| 11/26/2013      | 1311316           | IEUA           | C                  | Zn               | 0.34          | mg/L         |                      |              |                |

Report compiled by M. Barber

Date: 9 /11/2014

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**2013/2014 PRETREATMENT ANNUAL REPORT**

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**City of Ontario**

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

In November 2006, IEUA entered into an agreement with the City of Ontario (the City) to implement an industrial wastewater pretreatment program for the City's Significant Industrial Users (SIUs), which are identified by the City. During the Fiscal Year 2013/14 IEUA continued with the management of all program activities including permitting, monitoring, inspection and enforcement actions for 11 SIUs. The following paragraphs describe each SIU, its manufacturing process, and any permit activities that occurred during the fiscal year.

### **BAE Systems**

#### **Permit No. ONT-151206**

BAE Systems (BAE) manufactures infrared countermeasures (IRCM) lamps which are commonly used in military aircrafts. Wastewater is generated from the chemical cleaning solutions used in the washing of the fabricated parts. The resulting wastewater and discharge from this cleaning is categorized in 40 CFR Part 433 - Metal Finishing Point Source Category, Subpart A (PSNS). The BAE's wastewater discharge permit was revised in December 2013 to address required changes identified during the 2012 Pretreatment Compliance Audit. BAE's wastewater discharge permit was voided in February 2014 as the facility ceased all operations.

### **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. The Coke wastewater discharge permit was revised in December 2013 to address required changes identified during the 2012 Pretreatment Compliance Audit. In addition, the permit was also revised to include additional required pretreatment equipment and the allowance of intermittent discharges of wastewater from Coke's Non-reclaimable wastewater system lift station.

**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). During the fiscal year, Discus’ wastewater discharge permit was revised in May 2014 to clarify the laboratory test methods for Acetone and Methylene Chloride.

**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). The Inland Powder wastewater discharge permit was renewed in December 2013.

**Korden Incorporated**  
**Permit No. ONT-10107**

Korden Inc. (Korden) is a metal office furniture manufacturer. The steel used in making the products are cleaned to remove dirt and oils. Wastewater generated from the cleaning process is subject to the Pretreatment Standards specified in 40 CFR 433 for New Sources (40 CFR 433.17).

The Korden wastewater discharge permit was revised in November 2013 to address required changes identified during the 2012 Pretreatment Compliance Audit. Korden’s wastewater discharge permit was voided in March 2014 as the facility ceased all wastewater generating operations.

**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. The Nestlé wastewater discharge permit was revised in November 2013 to address required changes identified during the 2012 Pretreatment Compliance Audit.

**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.

The Netshapes wastewater discharge permit was renewed in September 2013. The permit was also revised in April 2014 to address required changes identified during the 2014 Pretreatment Compliance Inspection.

**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. The O.W. Lee wastewater discharge permit was revised in November 2013 to address required changes identified during the 2012 Pretreatment Compliance Audit.

**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. There was no permit activity during the fiscal year.

**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. The Steris wastewater discharge permit was revised in November 2013 to address required changes identified during the 2012 Pretreatment Compliance Audit.

**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. The Sun Badge wastewater discharge permit was revised in November 2013 to address required changes identified during the 2012 Pretreatment Compliance Audit.



**City of Ontario - List of Significant Industrial Users and Applicable Standards**

| <b>CURRENTLY PERMITTED</b> | <b>INDUSTRIAL USER NAME &amp; ADDRESS</b>                                 | <b>ADDITION / DELETION &amp; REASON</b>                | <b>APPLICABLE FEDERAL CATEGORY &amp; STANDARD</b>   | <b>LOCAL LIMITS MORE STRINGENT THAN FEDERAL</b> |
|----------------------------|---|--|---|---|
| No                         | BAE Systems<br>1930 S. Vineyard Avenue<br>Ontario, CA 91761               | Industry no longer in business.                        | Metal Finishing, Part 433.17, Subpart A             | None  |
| Yes                        | Coca-Cola North America<br>1650 S. Vintage Ave.<br>Ontario, CA 91761      |  | Significant Discharger, Part 403.3 (v)(ii)          | N/A   |
| Yes                        | Discus Dental<br>1700 S. Baker Ave.<br>Ontario, CA 91761                  |  | Pharmaceutical Manufacturing, Part 439, Subpart D   | None  |
| Yes                        | Inland Powder Coating<br>1656 S. Bon View Ave.<br>Ontario, CA 91761       |  | Metal Finishing, Part 433.17, Subpart A             | None  |
| No                         | Korden Inc.<br>611 S. Palmetto Ave.<br>Ontario, CA 91762                  | Industry ceased all wastewater discharging operations. | Metal Finishing, Part 433.17, Subpart A             | None  |
| Yes                        | Nestle Waters of North America<br>5772 E. Jurupa St.<br>Ontario CA, 91761 |  | Significant Discharger, Part 403.3 (v)(ii)          | N/A   |
| Yes                        | Net Shapes, Inc.<br>1366 E. Francis St.<br>Ontario, CA 91761              |  | Metal Molding and Casting, Part 464, Subparts A,B,C | None  |

**City of Ontario - List of Significant Industrial Users and Applicable Standards**

| <b>CURRENTLY PERMITTED</b> | <b>INDUSTRIAL USER NAME &amp; ADDRESS</b>                    | <b>ADDITION / DELETION &amp; REASON</b> | <b>APPLICABLE FEDERAL CATEGORY &amp; STANDARD</b> | <b>LOCAL LIMITS MORE STRINGENT THAN FEDERAL</b> |
|----------------------------|--|---|---|---|
| Yes                        | O. W. Lee<br>1822 E. Francis St.<br>Ontario, CA 91761        |   | Metal Finishing, Part 433.17,<br>Subpart A        | None  |
| Yes                        | Parco<br>1801 S. Archibald<br>Ontario, CA 91761              |   | Rubber Manufacturing<br>Part 428, Subpart F       | None  |
| Yes                        | Steris, Inc.<br>1000 S. Sarah Pl.<br>Ontario, CA 91761       |   | Significant Discharger,<br>Part 403.3 (v)(ii)     | N/A   |
| Yes                        | Sun Badge Company<br>2248 S. Baker Ave.<br>Ontario, CA 91761 |   | Metal Finishing, Part 433.17,<br>Subpart A        | None  |

### City of Ontario - Significant Industrial User Compliance Status

| INDUSTRIAL USER<br>NAME & ADDRESS                                    | INDUSTRIAL<br>CATEGORY                                    | TYPE OF<br>PRETREATMENT<br>PRESENT                        | NUMBER OF<br>SAMPLES<br>TAKEN |        | TTO (TOMP)<br>CERTIFICATION | NUMBER OF<br>INSPECTIONS<br>CONDUCTED |
|--|---|---|-------------------------------|--------|-----------------------------|---------------------------------------|
|  |   |   | IU                            | AGENCY |                             |                                       |
| BAE Systems<br>1930 S. Vineyard Avenue<br>Ontario, CA 91761          | Metal Finishing, Part<br>433.17, Subpart A                | None  | 6                             | 2      | Yes                         | 4                                     |
| Coca-Cola North America<br>1650 S. Vintage Ave.<br>Ontario, CA 91761 | Significant<br>Discharger,<br>Part 403.3 (v)(ii)          | Anaerobic treatment,<br>aeration basins, pH<br>adjustment | 5                             | 4      | N/A                         | 3                                     |
| Discus Dental<br>1700 S. Baker Ave.<br>Ontario, CA 91761             | Pharmaceutical<br>Manufacturing,<br>Part 439, Subpart D   | pH neutralization   | 2                             | 2      | No                          | 3                                     |
| Inland Powder Coating<br>1656 S. Bon View Ave.<br>Ontario, CA 91761  | Metal Finishing, Part<br>433.17, Subpart A                | Clarification, pH<br>neutralization                       | 4                             | 4      | Yes                         | 6                                     |
| Korden Inc.<br>611 S. Palmetto Ave.<br>Ontario, CA 91762             | Metal Finishing, Part<br>433.17, Subpart A                | Clarification, pH<br>neutralization                       | 1                             | 1      | Yes                         | 1                                     |
| Nestle Waters<br>5772 E. Jurupa St.<br>Ontario CA, 91761             | Significant<br>Discharger,<br>Part 403.3 (v)(ii)          | Clarification, filtration,<br>pH neutralization           | 4                             | 4      | N/A                         | 3                                     |
| Net Shapes, Inc.<br>1366 E. Francis St.<br>Ontario, CA 91761         | Metal Molding and<br>Casting, Part 464,<br>Subparts A,B,C | Clarification, pH<br>adjustment                           | 15                            | 2      | No                          | 5                                     |
| O. W. Lee<br>1822 E. Francis St.<br>Ontario, CA 91761                | Metal Finishing, Part<br>433.17, Subpart A                | Clarification, pH<br>neutralization                       | 4                             | 5      | Yes                         | 4                                     |

### City of Ontario - Significant Industrial User Compliance Status

| INDUSTRIAL USER<br>NAME & ADDRESS                            | INDUSTRIAL<br>CATEGORY                           | TYPE OF<br>PRETREATMENT<br>PRESENT                           | NUMBER OF<br>SAMPLES<br>TAKEN |        | TTO (TOMP)<br>CERTIFICATION | NUMBER OF<br>INSPECTIONS<br>CONDUCTED |
|--|--|--|-------------------------------|--------|-----------------------------|---------------------------------------|
|  |  |  | IU                            | AGENCY |                             |                                       |
| Parco<br>1801 S. Archibald<br>Ontario, CA 91761              | Rubber<br>Manufacturing<br>Part 428, Subpart F   | Clarification  | 2                             | 2      | N/A                         | 3                                     |
| Steris, Inc.<br>1000 S. Sarah Pl.<br>Ontario, CA 91761       | Significant<br>Discharger,<br>Part 403.3 (v)(ii) | None   | 0*                            | 0*     | N/A                         | 2                                     |
| Sun Badge Company<br>2248 S. Baker Ave.<br>Ontario, CA 91761 | Metal Finishing, Part<br>433.17, Subpart A       | Filtration, clarification,<br>ion exchange, pH<br>adjustment | 4                             | 4      | Yes                         | 4                                     |

\*No Discharge during Fiscal Year 13/14

**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 |     |   |                         |                          |
| BAE Systems<br>1930 S. Vineyard Avenue<br>Ontario, CA 91761          | None               | None  | No  | None Required   | N/A                     | None                     |
| Coca-Cola North America<br>1650 S. Vintage Ave.<br>Ontario, CA 91761 | None               | None  | No  | Late Notice issued for failure to submit self-monitoring report for the period ending June 2013 by required due date.   | 7/17/13                 | None                     |
|  | None               | None  | No  | Deficiency Notice issued for submitting incomplete self-monitoring report.  | 7/29/13                 | None                     |
|  | None               | None  | No  | Notice of Violation and Order for Corrective Action for discharging pH below permitted discharge limit.   | 4/17/14                 | None                     |
| Discus Dental<br>1700 S. Baker Ave.<br>Ontario, CA 91761             | None               | None  | No  | None Required   | N/A                     | None                     |
| Inland Powder Coating<br>1656 S. Bon View Ave.<br>Ontario, CA 91761  | None               | None  | No  | Notice of Violation and Order for Corrective Action for improper operation of pretreatment equipment.   | 8/5/13                  | None                     |
|  | None               | None  | No  | Notice of Violation and Order for Corrective Action for improper operation and maintenance of pretreatment equipment.   | 4/17/14                 | None                     |
|  | None               | None  | Yes | Deficiency Notice issued for submitting incomplete Self-Monitoring Report for period ending March 2014. Report submitted 45 days past due date. Industry will be listed as SNC. | 5/22/14                 | None                     |

**City of Ontario - Significant Industrial User Violations and Applicable Enforcement Action**

| INDUSTRIAL USER<br>NAME & ADDRESS                            | STANDARDS<br>VIOLATED |       | SNC | SUMMARY OF ENFORCEMENT<br>ACTIONS PROPOSED OR<br>TAKEN  | ENFORCEMENT<br>ACTION DATE | FINES<br>ASSESSED<br>THIS YEAR |
|--|-----------------------|-------|-----|---|----------------------------|--------------------------------|
|  | Federal               | Local |     |   |                            |                                |
| Korden Inc.<br>611 S. Palmetto Ave.<br>Ontario, CA 91762     | None                  | None  | No  | None Required   | N/A                        | None                           |
| Nestle Waters<br>5772 E. Jurupa St.<br>Ontario CA, 91761     | None                  | None  | No  | Late Notice issued for failure to submit self-monitoring report for the period ending December 2013 by the required due date.   | 1/20/14                    | None                           |
| Net Shapes, Inc.<br>1366 E. Francis St.<br>Ontario, CA 91761 | None                  | None  | No  | Late Notice issued for failure to comply with permit condition  | 11/19/13                   | None                           |
| O. W. Lee<br>1822 E. Francis St.<br>Ontario, CA 91761        | None                  | TDS   | No  | Notice of Violation and Order for Corrective Action for exceeding permitted daily discharge limit for TDS and for failure to notify within 24 hours of becoming aware of the violation. | 4/29/14                    | None                           |
| Parco<br>1801 S. Archibald<br>Ontario, CA 91761              | None                  | None  | No  | None Required   | N/A                        | None                           |

**City of Ontario - Significant Industrial User Violations and Applicable Enforcement Action**

| INDUSTRIAL USER<br>NAME & ADDRESS                            | STANDARDS<br>VIOLATED |       | SNC | SUMMARY OF ENFORCEMENT<br>ACTIONS PROPOSED OR<br>TAKEN   | ENFORCEMENT<br>ACTION DATE | FINES<br>ASSESSED<br>THIS YEAR |
|--|-----------------------|-------|-----|--|----------------------------|--------------------------------|
|  | Federal               | Local |     |  |                            |                                |
| Sun Badge Company<br>2248 S. Baker Ave.<br>Ontario, CA 91761 | None                  | None  | No  | Notice of Violation and Order for Corrective Action for improper operation of pretreatment equipment.                              | 12/10/13                   | None                           |
|  | None                  | None  | No  | Late Notice issued for failure to submit self-monitoring report for the period ending December 2013.                               | 1/20/14                    | None                           |
|  | None                  | None  | No  | Deficiency Notice issued for submitting incomplete self-monitoring report for the period ending December 2013.                     | 2/6/14                     | None                           |
|  | None                  | None  | No  | Notice of Violation and Order for Corrective Action for failure to submit self-monitoring report for the period ending March 2014. | 4/28/14                    | None                           |

## City of Ontario - 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: | 6 |
| 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



### City of Ontario - Zero Discharge Categorical Users

| <b>Industrial User Name &amp; Location</b>                                   | <b>Addition or Deletion (reason)</b> | <b>Applicable Federal Category</b>                           |
|--|--------------------------------------|--|
| Acuity Brands Lighting<br>1405 E. Locust Street<br>Ontario, CA 91761         | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A              |
| Advanced Pattern & Molding<br>2010 E. Francis St<br>Ontario, CA 91761        | N/A                                  | Metal Molding & Casting<br>40 CFR Part 464                   |
| Alumin-Art Plating<br>803 W. State St.<br>Ontario, CA 91762                  | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A              |
| Amesbury / Bandlock<br>1704 S. Vineyard Ave<br>Ontario, CA 91761             | N/A                                  | Plastics Molding and Forming<br>40 CFR 463                   |
| Bioscrip<br>840 S. Rochester Ave., Unit A<br>Ontario, CA 91761               | New Industry                         | Pharmaceuticals<br>40 CFR 439                                |
| Bishamon<br>5651 E. Francis St.<br>Ontario, CA 91761                         | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A              |
| Broco<br>400 S Rockefeller<br>Ontario, CA 91761                              | New Industry                         | Non-Ferrous Metal Forming & Metal Powders<br>40 CFR Part 471 |
| Calidad, Inc.<br>1730 Balboa Ave.<br>Ontario, CA 91761                       | N/A                                  | Metal Molding & Casting<br>40 CFR Part 464                   |
| California Die Casting<br>1820 S. Grove Ave<br>Ontario, CA 91761             | N/A                                  | Metal Molding & Casting<br>40 CFR Part 464                   |
| Carlisle Tire and Wheel<br>2233 E. Philadelphia St.<br>Ontario, CA 91761     | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A              |
| Columbia Recycling<br>717 E State St<br>Ontario, CA 91761                    | N/A                                  | Plastics Molding and Forming<br>40 CFR 463                   |
| Consolidated Coil Converter<br>3919 Guasti Rd. Unit "E"<br>Ontario, CA 91761 | N/A                                  | Coil Coating<br>40 CFR 465.30<br>Subpart C - Aluminum        |

| <b>Industrial User Name &amp; Location</b>                                      | <b>Addition or Deletion (reason)</b> | <b>Applicable Federal Category</b>   |
|---|--------------------------------------|--|
| Danco<br>1750 Monticello Ct.<br>Ontario, CA 91761                               | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A                            |
| Danco<br>1745 Monticello Ct.<br>Ontario, CA 91761                               | New Industry                         | Metal Finishing<br>40 CFR Part 433<br>Subpart A                            |
| Excel Industries<br>1601 Fremont Ct.<br>Ontario, CA 91761                       | New Industry                         | Metal Molding & Casting<br>40 CFR Part 464                                 |
| Forbes Industries, Inc.<br>1933 E. Locust St.<br>Ontario, CA 91761              | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A                            |
| Gary's Grinding & Hard Chrome<br>2124 S. Grove Ave.<br>Ontario, CA 91761        | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A                            |
| Greenline Laboratories<br>1851 S. Taylor Pl<br>Ontario CA 91761                 | N/A                                  | Plastics Molding and Forming<br>40 CFR 463                                 |
| Henry Company-Resin Technology<br>2270 Castle Harbor Pl<br>Ontario, CA 91761    | Deleted – Company Closed             | Organic Chemicals, Plastics, & Synthetic Fibers<br>40 CFR 414<br>Subpart D |
| Korden, Inc<br>611 Palmetto<br>Ontario, CA 91762                                | Industry went to zero discharge      | Metal Finishing<br>40 CFR Part 433<br>Subpart A                            |
| Leggett & Platt<br>1050 S. Dupont<br>Ontario, CA 91761                          | N/A                                  | Soap and Detergent Manufacturing<br>40 CFR 417                             |
| Mag Instruments, Inc.<br>1720 E. Elm St.<br>Ontario, CA 91761                   | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A                            |
| Mainland Products<br>2161 Maple Privado St.<br>Ontario, CA 91761                | N/A                                  | Metal Molding & Casting<br>40 CFR 464                                      |
| Mauzy Microwave Corporation<br>2900 E. Inland Empire Blvd.<br>Ontario, CA 91761 | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A                            |

| <b>Industrial User Name &amp; Location</b>   | <b>Addition or Deletion (reason)</b> | <b>Applicable Federal Category</b>                                 |
|--|--------------------------------------|--|
| Myer's Power Products<br>1425 S. Bon View Ave.<br>Ontario, CA 91761                        | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A                    |
| Ontario Extrusions<br>4451 E. Airport Rd.<br>Ontario, CA 91761                             | N/A                                  | Aluminum Forming<br>40 CFR 467                                     |
| Pacific Urethanes<br>1671 S. Champagne Ave., Unit A<br>Ontario, CA 91761                   | N/A                                  | Plastic Molding & Forming<br>40 CFR Part 463                       |
| Performance Aluminum, dba Beals Castings Inc.<br>520 S. Palmetto Ave.<br>Ontario, CA 91762 | N/A                                  | Metal Molding & Casting<br>40 CFR Part 464                         |
| Powers Manufacturing<br>2101 S Hellman Ave.<br>Ontario, CA 91761                           | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A                    |
| PM West/Fine Gold<br>1610 Fremont Ct.<br>Ontario, CA 91761                                 | N/A                                  | Nonferrous Metals<br>40 CFR Part 421                               |
| Quality Control Plating<br>4425 E. Airport Rd.<br>Ontario, CA 91761                        | N/A                                  | Metal Finishing<br>40 CFR Part 433<br>Subpart A                    |
| Qycell Corp.<br>600 S. Etiwanda Ave.<br>Ontario, CA 91761                                  | N/A                                  | Plastic Molding & Forming<br>40 CFR Part 463                       |
| reRubber, LLC<br>315 S. Sultana<br>Ontario, CA 91762                                       | N/A                                  | Rubber Manufacturing<br>40 CFR Part 428                            |
| Resin Technology – Henry Co.<br>2270 Castle Harbor<br>Ontario, CA 91761                    | New Industry                         | Organic Chemicals, Plastics, & Synthetic Fibers<br>40 CFR Part 414 |
| Sky Systems<br>1825 S. Taylor Place<br>Ontario, CA 91761                                   | New Industry                         | Soap & Detergent Mfg.<br>40 CFR Part 417                           |
| Y&D Rubber<br>1451 S. Carlos<br>Ontario, CA 91761  | New Industry                         | Rubber Manufacturing<br>40 CFR Part 428                            |

**2013/2014 INDUSTRY MONITORING DATA**

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**City of Ontario**



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

Time Period: Jul 1 2013 - Jun 30 2014

Permittee: **BAE Systems - Monitoring Point 002**

Permit No: **ONT-151206**

7/11/2013

| <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> |
| 7/3/2013        | ASL 57534         | INDUSTRY       | C                  | Ag               | <0.0100       | mg/L         |              | 0.43                 | 0.24           |
| 8/7/2013        | ASL 57841         | INDUSTRY       | C                  | Ag               | <0.0100       | mg/L         |              | 0.43                 | 0.24           |
| 8/22/2013       | 1308265           | IEUA           | C                  | Ag               | < 0.01        | mg/L         |              | 0.43                 | 0.24           |
| 9/4/2013        | ASL 58092         | INDUSTRY       | C                  | Ag               | <0.0100       | mg/L         |              | 0.43                 | 0.24           |
| 10/2/2013       | ASL 58401         | INDUSTRY       | C                  | Ag               | <0.0100       | mg/L         |              | 0.43                 | 0.24           |
| 11/6/2013       | ASL 58819         | INDUSTRY       | C                  | Ag               | <0.0100       | mg/L         |              | 0.43                 | 0.24           |
| 12/4/2013       | ASL 59106         | INDUSTRY       | C                  | Ag               | <0.0100       | mg/L         |              | 0.43                 | 0.24           |
| 12/10/2013      | 1312119           | IEUA           | C                  | Ag               | < 0.01        | mg/L         |              | 0.43                 | 0.24           |
| 8/22/2013       | 1308265           | IEUA           | C                  | As               | < 0.01        | mg/L         |              |                      |                |
| 12/10/2013      | 1312119           | IEUA           | C                  | As               | 0.01          | mg/L         |              |                      |                |
| 8/22/2013       | 1308265           | IEUA           | C                  | Ba               | < 0.01        | mg/L         |              |                      |                |
| 12/10/2013      | 1312119           | IEUA           | C                  | Ba               | < 0.01        | mg/L         |              |                      |                |
| 7/3/2013        | ASL 57534         | INDUSTRY       | C                  | BOD5             | 6.31          | mg/L         |              |                      |                |
| 8/7/2013        | ASL 57841         | INDUSTRY       | C                  | BOD5             | 16.9          | mg/L         |              |                      |                |
| 8/22/2013       | 1308265           | IEUA           | C                  | BOD5             | 133           | mg/L         |              |                      |                |
| 9/4/2013        | ASL 58092         | INDUSTRY       | C                  | BOD5             | 14.6          | mg/L         |              |                      |                |
| 10/2/2013       | ASL 58401         | INDUSTRY       | C                  | BOD5             | 11.8          | mg/L         |              |                      |                |
| 11/6/2013       | ASL 58819         | INDUSTRY       | C                  | BOD5             | 16.1          | mg/L         |              |                      |                |
| 12/4/2013       | ASL 59106         | INDUSTRY       | C                  | BOD5             | 5.64          | mg/L         |              |                      |                |
| 12/10/2013      | 1312119           | IEUA           | C                  | BOD5             | 14            | mg/L         |              |                      |                |
| 7/3/2013        | ASL 57534         | INDUSTRY       | C                  | Cd               | <0.0050       | mg/L         |              | 0.11                 | 0.07           |
| 8/7/2013        | ASL 57841         | INDUSTRY       | C                  | Cd               | <0.0050       | mg/L         |              | 0.11                 | 0.07           |
| 8/22/2013       | 1308265           | IEUA           | C                  | Cd               | < 0.01        | mg/L         |              | 0.11                 | 0.07           |
| 9/4/2013        | ASL 58092         | INDUSTRY       | C                  | Cd               | <0.0050       | mg/L         |              | 0.11                 | 0.07           |

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10/2/2013

| Sampled:   | Sample ID: | Source:  | Sample Type | Parameter | Result  | Units | Permit Limits |       |         |
|------------|------------|----------|-------------|-----------|---------|-------|---------------|-------|---------|
|            |            |          |             |           |         |       | In NC         | Daily | Monthly |
| 10/2/2013  | ASL 58401  | INDUSTRY | C           | Cd        | <0.0050 | mg/L  |               | 0.11  | 0.07    |
| 11/6/2013  | ASL 58819  | INDUSTRY | C           | Cd        | <0.0050 | mg/L  |               | 0.11  | 0.07    |
| 12/4/2013  | ASL 59106  | INDUSTRY | C           | Cd        | <0.0050 | mg/L  |               | 0.11  | 0.07    |
| 12/10/2013 | 1312119    | IEUA     | C           | Cd        | < 0.01  | mg/L  |               | 0.11  | 0.07    |
| 7/3/2013   | ASL 57534  | INDUSTRY | G           | CN        | <0.0500 | mg/L  |               | 1.2   | 0.65    |
| 8/6/2013   | ASL 57841  | INDUSTRY | G           | CN        | <0.0500 | mg/L  |               | 1.2   | 0.65    |
| 8/22/2013  | 1308265    | IEUA     | G           | CN        | <0.005  | mg/L  |               | 1.2   | 0.65    |
| 9/4/2013   | ASL 58092  | INDUSTRY | G           | CN        | <0.0500 | mg/L  |               | 1.2   | 0.65    |
| 10/2/2013  | ASL 58401  | INDUSTRY | G           | CN        | <0.0500 | mg/L  |               | 1.2   | 0.65    |
| 11/6/2013  | ASL 58819  | INDUSTRY | G           | CN        | <0.0500 | mg/L  |               | 1.2   | 0.65    |
| 12/4/2013  | ASL 59106  | INDUSTRY | G           | CN        | <0.0500 | mg/L  |               | 1.2   | 0.65    |
| 12/10/2013 | 1312119    | IEUA     | G           | CN        | <0.005  | mg/L  |               | 1.2   | 0.65    |
| 8/22/2013  | 1308265    | IEUA     | C           | Co        | < 0.01  | mg/L  |               |       |         |
| 12/10/2013 | 1312119    | IEUA     | C           | Co        | 0.05    | mg/L  |               |       |         |
| 7/3/2013   | ASL 57534  | INDUSTRY | C           | Cr        | <0.0100 | mg/L  |               | 2.77  | 1.71    |
| 8/7/2013   | ASL 57841  | INDUSTRY | C           | Cr        | <0.0100 | mg/L  |               | 2.77  | 1.71    |
| 8/22/2013  | 1308265    | IEUA     | C           | Cr        | < 0.01  | mg/L  |               | 2.77  | 1.71    |
| 9/4/2013   | ASL 58092  | INDUSTRY | C           | Cr        | <0.0100 | mg/L  |               | 2.77  | 1.71    |
| 10/2/2013  | ASL 58401  | INDUSTRY | C           | Cr        | <0.0100 | mg/L  |               | 2.77  | 1.71    |
| 11/6/2013  | ASL 58819  | INDUSTRY | C           | Cr        | <0.0100 | mg/L  |               | 2.77  | 1.71    |
| 12/4/2013  | ASL 59106  | INDUSTRY | C           | Cr        | <0.0100 | mg/L  |               | 2.77  | 1.71    |
| 12/10/2013 | 1312119    | IEUA     | C           | Cr        | < 0.01  | mg/L  |               | 2.77  | 1.71    |
| 7/3/2013   | ASL 57534  | INDUSTRY | C           | Cu        | <0.0100 | mg/L  |               | 3.38  | 2.07    |
| 8/7/2013   | ASL 57841  | INDUSTRY | C           | Cu        | <0.0100 | mg/L  |               | 3.38  | 2.07    |
| 8/22/2013  | 1308265    | IEUA     | C           | Cu        | < 0.02  | mg/L  |               | 3.38  | 2.07    |
| 9/4/2013   | ASL 58092  | INDUSTRY | C           | Cu        | <0.0100 | mg/L  |               | 3.38  | 2.07    |
| 10/2/2013  | ASL 58401  | INDUSTRY | C           | Cu        | <0.0100 | mg/L  |               | 3.38  | 2.07    |
| 11/6/2013  | ASL 58819  | INDUSTRY | C           | Cu        | <0.0100 | mg/L  |               | 3.38  | 2.07    |

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12/29/2013

| Sampled:   | Sample ID: | Source:  | Sample Type | Parameter | Result  | Units    | Permit Limits |        |         |
|------------|------------|----------|-------------|-----------|---------|----------|---------------|--------|---------|
|            |            |          |             |           |         |          | In NC         | Daily  | Monthly |
| 12/4/2013  | ASL 59106  | INDUSTRY | C           | Cu        | <0.0100 | mg/L     |               | 3.38   | 2.07    |
| 12/10/2013 | 1312119    | IEUA     | C           | Cu        | < 0.02  | mg/L     |               | 3.38   | 2.07    |
| 8/22/2013  | 1308265    | IEUA     | Field       | DS        | <0.1    | mg/L     |               |        |         |
| 12/10/2013 | 1312119    | IEUA     | Field       | DS        | <0.1    | mg/L     |               |        |         |
| 8/22/2013  | 1308265    | IEUA     | C           | Fe        | < 0.15  | mg/L     |               |        |         |
| 12/10/2013 | 1312119    | IEUA     | C           | Fe        | < 0.15  | mg/L     |               |        |         |
| 9/4/2013   | ASL 58092  | INDUSTRY | Continuous  | Flow-T    | 260     | gpd      |               | 3200   |         |
| 12/4/2013  | ASL 59106  | INDUSTRY | Continuous  | Flow-T    | 40      | gpd      |               | 3200   |         |
| 8/22/2013  | 1308265    | IEUA     | C           | Mn        | < 0.02  | mg/L     |               |        |         |
| 12/10/2013 | 1312119    | IEUA     | C           | Mn        | 0.16    | mg/L     |               |        |         |
| 7/3/2013   | ASL 57534  | INDUSTRY | C           | Ni        | <0.0100 | mg/L     |               | 3.98   | 2.38    |
| 8/7/2013   | ASL 57841  | INDUSTRY | C           | Ni        | <0.0100 | mg/L     |               | 3.98   | 2.38    |
| 8/22/2013  | 1308265    | IEUA     | C           | Ni        | < 0.01  | mg/L     |               | 3.98   | 2.38    |
| 9/4/2013   | ASL 58092  | INDUSTRY | C           | Ni        | <0.0100 | mg/L     |               | 3.98   | 2.38    |
| 10/2/2013  | ASL 58401  | INDUSTRY | C           | Ni        | <0.0100 | mg/L     |               | 3.98   | 2.38    |
| 11/6/2013  | ASL 58819  | INDUSTRY | C           | Ni        | <0.0100 | mg/L     |               | 3.98   | 2.38    |
| 12/4/2013  | ASL 59106  | INDUSTRY | C           | Ni        | <0.0100 | mg/L     |               | 3.98   | 2.38    |
| 12/10/2013 | 1312119    | IEUA     | C           | Ni        | 0.03    | mg/L     |               | 3.98   | 2.38    |
| 7/3/2013   | ASL 57534  | INDUSTRY | C           | Pb        | <0.0050 | mg/L     |               | 0.69   | 0.43    |
| 8/7/2013   | ASL 57841  | INDUSTRY | C           | Pb        | <0.0050 | mg/L     |               | 0.69   | 0.43    |
| 8/22/2013  | 1308265    | IEUA     | C           | Pb        | < 0.02  | mg/L     |               | 0.69   | 0.43    |
| 9/4/2013   | ASL 58092  | INDUSTRY | C           | Pb        | <0.0050 | mg/L     |               | 0.69   | 0.43    |
| 10/2/2013  | ASL 58401  | INDUSTRY | C           | Pb        | <0.0050 | mg/L     |               | 0.69   | 0.43    |
| 11/6/2013  | ASL 58819  | INDUSTRY | C           | Pb        | <0.0050 | mg/L     |               | 0.69   | 0.43    |
| 12/4/2013  | ASL 59106  | INDUSTRY | C           | Pb        | <0.0050 | mg/L     |               | 0.69   | 0.43    |
| 12/10/2013 | 1312119    | IEUA     | C           | Pb        | < 0.02  | mg/L     |               | 0.69   | 0.43    |
| 7/3/2013   | ASL 57534  | INDUSTRY | Field       | pH        | 7.98    | pH Units |               | 5-12.5 |         |
| 8/6/2013   | ASL 57841  | INDUSTRY | Field       | pH        | 8.46    | pH Units |               | 5-12.5 |         |

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08/22/2013

| Sampled:   | Sample ID: | Source:  | Sample Type | Parameter | Result | Units    | In NC | Permit Limits |         |
|------------|------------|----------|-------------|-----------|--------|----------|-------|---------------|---------|
|            |            |          |             |           |        |          |       | Daily         | Monthly |
| 8/22/2013  | 1308265    | IEUA     | Field       | pH        | 9.53   | pH Units |       | 5-12.5        |         |
| 9/4/2013   | ASL 58092  | INDUSTRY | Field       | pH        | 8.44   | pH Units |       | 5-12.5        |         |
| 10/2/2013  | ASL 58401  | INDUSTRY | Field       | pH        | 7.99   | pH Units |       | 5-12.5        |         |
| 11/6/2013  | ASL 58819  | INDUSTRY | Field       | pH        | 9.62   | pH Units |       | 5-12.5        |         |
| 12/4/2013  | ASL 59106  | INDUSTRY | Field       | pH        | 8.00   | pH Units |       | 5-12.5        |         |
| 12/10/2013 | 1312119    | IEUA     | Field       | pH        | 5.81   | pH Units |       | 5.0-12.5      |         |
| 8/22/2013  | 1308265    | IEUA     | C           | Se        | < 0.02 | mg/L     |       |               |         |
| 12/10/2013 | 1312119    | IEUA     | C           | Se        | < 0.02 | mg/L     |       |               |         |
| 7/3/2013   | ASL 57534  | INDUSTRY | C           | TDS       | <10.0  | mg/L     |       |               | 550     |
| 8/7/2013   | ASL 57841  | INDUSTRY | C           | TDS       | <10.0  | mg/L     |       |               | 550     |
| 8/22/2013  | 1308265    | IEUA     | C           | TDS       | 68     | mg/L     |       |               | 550     |
| 9/4/2013   | ASL 58092  | INDUSTRY | C           | TDS       | 89.0   | mg/L     |       |               | 550     |
| 10/2/2013  | ASL 58401  | INDUSTRY | C           | TDS       | <10.0  | mg/L     |       |               | 550     |
| 11/6/2013  | ASL 58819  | INDUSTRY | C           | TDS       | <10.0  | mg/L     |       |               | 550     |
| 12/4/2013  | ASL 59106  | INDUSTRY | C           | TDS       | <10.0  | mg/L     |       |               | 550     |
| 12/10/2013 | 1312119    | IEUA     | C           | TDS       | < 10   | mg/L     |       |               | 550     |
| 7/3/2013   | ASL 57534  | INDUSTRY | Field       | Temp      | 31.6   | °C       |       |               | 60      |
| 8/6/2013   | ASL 57841  | INDUSTRY | Field       | Temp      | 27.2   | °C       |       |               | 60      |
| 8/22/2013  | 1308265    | IEUA     | Field       | Temp      | 24.2   | °C       |       |               | 60      |
| 9/4/2013   | ASL 58092  | INDUSTRY | Field       | Temp      | 31.6   | °C       |       |               | 60      |
| 10/2/2013  | ASL 58401  | INDUSTRY | Field       | Temp      | 23     | °C       |       |               | 60      |
| 11/6/2013  | ASL 58819  | INDUSTRY | Field       | Temp      | 23.9   | °C       |       |               | 60      |
| 12/4/2013  | ASL 59106  | INDUSTRY | Field       | Temp      | 19.9   | °C       |       |               | 60      |
| 12/10/2013 | 1312119    | IEUA     | Field       | Temp      | 15.6   | °C       |       |               | 60      |
| 8/22/2013  | 1308265    | IEUA     | Field       | TS        | <0.1   | mg/L     |       |               |         |
| 12/10/2013 | 1312119    | IEUA     | Field       | TS        | <0.1   | mg/L     |       |               |         |
| 7/3/2013   | ASL 57534  | INDUSTRY | C           | TSS       | <10.0  | mg/L     |       |               |         |
| 8/7/2013   | ASL 57841  | INDUSTRY | C           | TSS       | <10.0  | mg/L     |       |               |         |

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09/20/2013

| <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> |
| 8/22/2013       | 1308265           | IEUA           | C                  | TSS              | < 2           | mg/L         |                      |              |
| 9/4/2013        | ASL 58092         | INDUSTRY       | C                  | TSS              | <10.0         | mg/L         |                      |              |
| 10/2/2013       | ASL 58401         | INDUSTRY       | C                  | TSS              | <10.0         | mg/L         |                      |              |
| 11/6/2013       | ASL 58819         | INDUSTRY       | C                  | TSS              | <10.0         | mg/L         |                      |              |
| 12/4/2013       | ASL 59106         | INDUSTRY       | C                  | TSS              | <10.0         | mg/L         |                      |              |
| 12/10/2013      | 1312119           | IEUA           | C                  | TSS              | 8             | mg/L         |                      |              |
| 7/3/2013        | ASL 57534         | INDUSTRY       | C                  | Zn               | <0.0100       | mg/L         | 2.61                 | 1.48         |
| 8/7/2013        | ASL 57841         | INDUSTRY       | C                  | Zn               | 0.0110        | mg/L         | 2.61                 | 1.48         |
| 8/22/2013       | 1308265           | IEUA           | C                  | Zn               | < 0.02        | mg/L         | 2.61                 | 1.48         |
| 9/4/2013        | ASL 58092         | INDUSTRY       | C                  | Zn               | 0.0116        | mg/L         | 2.61                 | 1.48         |
| 10/2/2013       | ASL 58401         | INDUSTRY       | C                  | Zn               | 0.0163        | mg/L         | 2.61                 | 1.48         |
| 11/6/2013       | ASL 58819         | INDUSTRY       | C                  | Zn               | <0.0100       | mg/L         | 2.61                 | 1.48         |
| 12/4/2013       | ASL 59106         | INDUSTRY       | C                  | Zn               | 0.0174        | mg/L         | 2.61                 | 1.48         |
| 12/10/2013      | 1312119           | IEUA           | C                  | Zn               | < 0.02        | mg/L         | 2.61                 | 1.48         |

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09/20/13

| <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> |
| 8/8/2013        | ESB B3H0901       | INDUSTRY       | C                  | BOD5             | 1800          | mg/L         |              |                      |                |
| 8/9/2013        | ESB B3H1007-01    | INDUSTRY       | C                  | BOD5             | 1500          | mg/L         |              |                      |                |
| 9/26/2013       | 1309328           | IEUA           | C                  | BOD5             | 2260          | mg/L         |              |                      |                |
| 10/18/2013      | ESB B3J1895-01,0  | INDUSTRY       | C                  | BOD5             | 2400          | mg/L         |              |                      |                |
| 11/19/2013      | 1311225           | IEUA           | C                  | BOD5             | 2900          | mg/L         |              |                      |                |
| 1/24/2014       | ESB B4A2237-01,   | INDUSTRY       | C                  | BOD5             | 1700          | mg/L         |              |                      |                |
| 2/13/2014       | 1402173           | IEUA           | C                  | BOD5             | 3620          | mg/L         |              |                      |                |
| 4/10/2014       | 1404129           | IEUA           | C                  | BOD5             | 2370          | mg/L         |              |                      |                |
| 5/1/2014        | ESB B4E0059-01,   | INDUSTRY       | C                  | BOD5             | 1500          | mg/L         |              |                      |                |
| 9/26/2013       | 1309328           | IEUA           | Field              | DS               | 1.0           | mg/L         |              |                      |                |
| 11/19/2013      | 1311225           | IEUA           | Field              | DS               | <0.1          | mg/L         |              |                      |                |
| 2/13/2014       | 1402173           | IEUA           | Field              | DS               | 1.2           | mg/L         |              |                      |                |
| 4/10/2014       | 1404129           | IEUA           | Field              | DS               | <0.1          | mg/L         |              |                      |                |
| 8/8/2013        | ESB B3H0901       | INDUSTRY       | Metered            | Flow-T           | 148023        | gpd          |              |                      | 200000         |
| 8/9/2013        | ESB B3H1007-01    | INDUSTRY       | Metered            | Flow-T           | 148169        | gpd          |              |                      | 200000         |
| 10/18/2013      | ESB B3J1895-01,0  | INDUSTRY       | Metered            | Flow-T           | 158096        | gpd          |              |                      | 200000         |
| 1/24/2014       | ESB B4A2237-01,   | INDUSTRY       | Metered            | Flow-T           | 152031        | gpd          |              |                      | 200000         |
| 5/1/2014        | ESB B4E0059-01,   | INDUSTRY       | Metered            | Flow-T           | 152180        | gpd          |              |                      | 200000         |
| 8/8/2013        | ESB B3H0901       | INDUSTRY       | Field              | pH               | 5.8           | pH Units     |              |                      | 5-12.5         |
| 9/26/2013       | 1309328           | IEUA           | Field              | pH               | 5.59          | pH Units     |              |                      | 5-12.5         |
| 10/18/2013      | ESB B3J1895-01,0  | INDUSTRY       | Field              | pH               | 5.3           | pH Units     |              |                      | 5-12.5         |
| 11/19/2013      | 1311225           | IEUA           | Field              | pH               | 5.75          | pH Units     |              |                      | 5-12.5         |
| 1/24/2014       | ESB B4A2237-01,   | INDUSTRY       | Field              | pH               | 6.23          | pH Units     |              |                      | 5-12.5         |
| 2/13/2014       | 1402173           | IEUA           | Field              | pH               | 5.18          | pH Units     |              |                      | 5-12.5         |
| 4/10/2014       | 1404129           | IEUA           | Field              | pH               | 5.58          | pH Units     |              |                      | 5-12.5         |
| 5/1/2014        | ESB B4E0059-01,   | INDUSTRY       | Field              | pH               | 5.53          | pH Units     |              |                      | 5-12.5         |
| 8/8/2013        | ESB B3H0901       | INDUSTRY       | C                  | TDS, Fixed       | 470           | mg/L         |              |                      | 800            |
| 9/26/2013       | 1309328           | IEUA           | C                  | TDS, Fixed       | 332.5         | mg/L         |              |                      | 800            |

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10/20/2013

| Sampled:   | Sample ID:       | Source:     | Sample Type | Parameter               | Result  | Units   | In NC | Permit Limits |         |
|------------|------------------|-------------|-------------|-------------------------|---------|---------|-------|---------------|---------|
|            |                  |             |             |                         |         |         |       | Daily         | Monthly |
| 10/18/2013 | ESB B3J1895-01,0 | INDUSTRY    | C           | TDS, Fixed              | 350     | mg/L    |       | 800           |         |
| 11/19/2013 | 1311225          | IEUA        | C           | TDS, Fixed              | 308     | mg/L    |       | 800           |         |
| 1/24/2014  | ESB B4A2237-01,  | INDUSTRY    | C           | TDS, Fixed              | 270     | mg/L    |       | 800           |         |
| 2/13/2014  | 1402173          | IEUA        | C           | TDS, Fixed              | 323     | mg/L    |       | 800           |         |
| 4/10/2014  | 1404129          | IEUA        | C           | TDS, Fixed              | 478     | mg/L    |       | 800           |         |
| 5/1/2014   | ESB B4E0059-01,  | INDUSTRY    | C           | TDS, Fixed              | 330     | mg/L    |       | 800           |         |
| 8/8/2013   | ESB B3H0901      | INDUSTRY    | Field       | Temp                    | 30      | °C      |       | 60            |         |
| 9/26/2013  | 1309328          | IEUA        | Field       | Temp                    | 27.5    | °C      |       | 60            |         |
| 10/18/2013 | ESB B3J1895-01,0 | INDUSTRY    | Field       | Temp                    | 18      | °C      |       | 60            |         |
| 11/19/2013 | 1311225          | IEUA        | Field       | Temp                    | 25.8    | °C      |       | 60            |         |
| 1/24/2014  | ESB B4A2237-01,  | INDUSTRY    | Field       | Temp                    | 25.5    | °C      |       | 60            |         |
| 2/13/2014  | 1402173          | IEUA        | Field       | Temp                    | 22.0    | °C      |       | 60            |         |
| 4/10/2014  | 1404129          | IEUA        | Field       | Temp                    | 32.6    | °C      |       | 60            |         |
| 5/1/2014   | ESB B4E0059-01,  | INDUSTRY    | Field       | Temp                    | 27.1    | °C      |       | 60            |         |
| 7/31/2013  | Flow             | IU Flow Rpt | Metered     | Total Gallons per Month | 5078920 | Gallons |       | 6000000       |         |
| 9/30/2013  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 4029566 | Gallons |       | 6000000       |         |
| 10/31/2013 |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 4099205 | Gallons |       | 6000000       |         |
| 11/30/2013 |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 3899212 | Gallons |       | 6000000       |         |
| 1/31/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 4386015 | Gallons |       | 6000000       |         |
| 2/28/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 4043526 | Gallons |       | 6000000       |         |
| 3/31/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 4842065 | Gallons |       | 6000000       |         |
| 4/30/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 4639386 | Gallons |       | 6000000       |         |
| 5/31/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 4964171 | Gallons |       | 6000000       |         |
| 6/30/2014  |                  | IU Flow Rpt | Metered     | Total Gallons per Month | 4913865 | Gallons |       | 6000000       |         |
| 9/26/2013  | 1309328          | IEUA        | Field       | TS                      | 1.6     | mg/L    |       |               |         |
| 11/19/2013 | 1311225          | IEUA        | Field       | TS                      | <0.1    | mg/L    |       |               |         |
| 2/13/2014  | 1402173          | IEUA        | Field       | TS                      | 2.8     | mg/L    |       |               |         |
| 4/10/2014  | 1404129          | IEUA        | Field       | TS                      | 0.6     | mg/L    |       |               |         |

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01/14/2013

| <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> |
| 8/8/2013        | ESB B3H0901       | INDUSTRY       | C                  | TSS              | 210           | mg/L         |                      |                             |
| 8/9/2013        | ESB B3H1007-01    | INDUSTRY       | C                  | TSS              | 210           | mg/L         |                      |                             |
| 9/26/2013       | 1309328           | IEUA           | C                  | TSS              | 217           | mg/L         |                      |                             |
| 10/18/2013      | ESB B3J1895-01,0  | INDUSTRY       | C                  | TSS              | 430           | mg/L         |                      |                             |
| 11/18/2013      | 1311225           | IEUA           | C                  | TSS              | 348           | mg/L         |                      |                             |
| 1/24/2014       | ESB B4A2237-01,   | INDUSTRY       | C                  | TSS              | 320           | mg/L         |                      |                             |
| 2/13/2014       | 1402173           | IEUA           | C                  | TSS              | 989.5         | mg/L         |                      |                             |
| 4/10/2014       | 1404129           | IEUA           | C                  | TSS              | 380           | mg/L         |                      |                             |
| 5/1/2014        | ESB B4E0059-01,   | INDUSTRY       | C                  | TSS              | 190           | mg/L         |                      |                             |

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09/27/2013

| Sampled:  | Sample ID:       | Source:  | Sample Type | Parameter | Result  | Units | In NC | Permit Limits |         |
|-----------|------------------|----------|-------------|-----------|---------|-------|-------|---------------|---------|
|           |                  |          |             |           |         |       |       | Daily         | Monthly |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | G           | Acetone   | 40      | µg/L  |       | 20700         | 8200    |
| 3/11/2014 | ESB B4C1147-01   | INDUSTRY | G           | Acetone   | 170     | µg/L  |       | 20700         | 8200    |
| 5/20/2014 | 1405247          | IEUA     | G           | Acetone   | 2880    | µg/L  |       | 20700         | 8200    |
| 5/27/2014 | 1405352          | IEUA     | G           | Acetone   | < 0.5   | µg/L  |       | 20700         | 8200    |
| 10/1/2013 | 1310001          | IEUA     | C           | Ag        | < 0.01  | mg/L  |       |               |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Ag        | < 0.01  | mg/L  |       |               |         |
| 10/1/2013 | 1310001          | IEUA     | C           | As        | < 0.01  | mg/L  |       |               |         |
| 3/25/2014 | 1403321          | IEUA     | C           | As        | < 0.01  | mg/L  |       |               |         |
| 10/1/2013 | 1310001          | IEUA     | C           | Ba        | 0.04    | mg/L  |       |               |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Ba        | 0.03    | mg/L  |       |               |         |
| 10/1/2013 | 1310001          | IEUA     | C           | BOD5      | 16      | mg/L  |       |               |         |
| 3/11/2014 | ESB B4C1147-01   | INDUSTRY | C           | BOD5      | 650     | mg/L  |       |               |         |
| 3/25/2014 | 1403321          | IEUA     | C           | BOD5      | 160     | mg/L  |       |               |         |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | C           | Cd        | <0.002  | mg/L  |       | 2.8           |         |
| 10/1/2013 | 1310001          | IEUA     | C           | Cd        | < 0.01  | mg/L  |       | 2.8           |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Cd        | < 0.01  | mg/L  |       |               |         |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | G           | CN        | <0.005  | mg/L  |       | 1.2           |         |
| 10/1/2013 | 1310001          | IEUA     | G           | CN, Total | < 0.005 | mg/L  |       |               |         |
| 3/25/2014 | 1403321          | IEUA     | G           | CN, Total | 0.006   | mg/L  |       |               |         |
| 10/1/2013 | 1310001          | IEUA     | C           | Co        | < 0.01  | mg/L  |       |               |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Co        | < 0.01  | mg/L  |       |               |         |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | C           | Cr        | <0.020  | mg/L  |       | 60            |         |
| 10/1/2013 | 1310001          | IEUA     | C           | Cr        | < 0.01  | mg/L  |       | 60            |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Cr        | < 0.01  | mg/L  |       |               |         |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | C           | Cu        | <0.015  | mg/L  |       | 45            |         |
| 10/1/2013 | 1310001          | IEUA     | C           | Cu        | 0.04    | mg/L  |       | 45            |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Cu        | 0.03    | mg/L  |       |               |         |
| 10/1/2013 | 1310001          | 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 |
| 3/25/2014 | 1403321          | IEUA     | Field       | DS                 | <0.1   | mg/L     |       |               |         |
| 5/20/2014 | 1405247          | IEUA     | Field       | DS                 | <0.1   | mg/L     |       |               |         |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | G           | ethyl acetate      | <2     | µg/L     |       | 27000         | 8200    |
| 3/11/2014 | ESB B4C1147-01   | INDUSTRY | G           | ethyl acetate      | <2     | µg/L     |       | 27000         | 8200    |
| 10/1/2013 | 1310001          | IEUA     | C           | Fe                 | < 0.15 | mg/L     |       |               |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Fe                 | 0.26   | mg/L     |       |               |         |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | G           | isopropyl acetate  | <1     | µg/L     |       | 20700         | 8200    |
| 3/11/2014 | ESB B4C1147-01   | INDUSTRY | G           | isopropyl acetate  | <1     | µg/L     |       | 20700         | 8200    |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | G           | Methylene chloride | <10    | µg/L     |       | 3000          | 700     |
| 3/11/2014 | ESB B4C1147-01   | INDUSTRY | G           | Methylene chloride | <10    | µg/L     |       | 3000          | 700     |
| 5/20/2014 | 1405247          | IEUA     | G           | Methylene chloride | < 0.5  | µg/L     |       | 3000          | 700     |
| 5/27/2014 | 1405352          | IEUA     | G           | Methylene chloride | < 0.5  | µg/L     |       | 3000          | 700     |
| 10/1/2013 | 1310001          | IEUA     | C           | Mn                 | < 0.02 | mg/L     |       |               |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Mn                 | < 0.02 | mg/L     |       |               |         |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | G           | n-amyl acetate     | <1     | µg/L     |       | 20700         | 8200    |
| 3/11/2014 | ESB B4C1147-01   | INDUSTRY | G           | n-amyl acetate     | <1     | µg/L     |       | 20700         | 8200    |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | C           | Ni                 | <0.020 | mg/L     |       | 45            |         |
| 10/1/2013 | 1310001          | IEUA     | C           | Ni                 | < 0.01 | mg/L     |       | 45            |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Ni                 | < 0.01 | mg/L     |       |               |         |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | C           | Pb                 | <0.010 | mg/L     |       | 14            |         |
| 10/1/2013 | 1310001          | IEUA     | C           | Pb                 | < 0.02 | mg/L     |       | 14            |         |
| 3/25/2014 | 1403321          | IEUA     | C           | Pb                 | < 0.02 | mg/L     |       |               |         |
| 9/20/2013 | ESB B3I2042-01,0 | INDUSTRY | Field       | pH                 | 8.23   | pH Units |       | 5-12.5        |         |
| 10/1/2013 | 1310001          | IEUA     | Field       | pH                 | 7.82   | pH Units |       | 5-12.5        |         |
| 3/11/2014 | ESB B4C1147-01   | INDUSTRY | Field       | pH                 | 7.30   | pH Units |       | 5.0 - 12.5    |         |
| 3/25/2014 | 1403321          | IEUA     | Field       | pH                 | 8.03   | pH Units |       | 5.0 - 12.5    |         |
| 5/20/2014 | 1405247          | IEUA     | Field       | pH                 | 7.59   | pH Units |       | 5.0 - 12.5    |         |
| 10/1/2013 | 1310001          | IEUA     | C           | Se                 | < 0.02 | mg/L     |       |               |         |

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|-----------------|-------------------|----------------|--------------------|------------------|---------------|--------------|----------------------|-----------------------------|
|                 |                   |                |                    |                  |               |              | <u>In NC</u>         | <u>Daily</u> <u>Monthly</u> |
| 3/25/2014       | 1403321           | IEUA           | C                  | Se               | < 0.02        | mg/L         |                      |                             |
| 9/20/2013       | ESB B3I2042-01,0  | INDUSTRY       | C                  | TDS              | 53            | mg/L         |                      | 800                         |
| 10/1/2013       | 1310001           | IEUA           | C                  | TDS              | 260           | mg/L         |                      | 800                         |
| 3/11/2014       | ESB B4C1147-01    | INDUSTRY       | C                  | TDS              | 300           | mg/L         |                      | 800                         |
| 3/25/2014       | 1403321           | IEUA           | C                  | TDS              | 198           | mg/L         |                      | 800                         |
| 9/20/2013       | ESB B3I2042-01,0  | INDUSTRY       | Field              | Temp             | 26.5          | °C           |                      | 60                          |
| 10/1/2013       | 1310001           | IEUA           | Field              | Temp             | 23            | °C           |                      | 60                          |
| 3/11/2014       | ESB B4C1147-01    | INDUSTRY       | Field              | Temp             | 25.8          | °C           |                      | 60                          |
| 3/25/2014       | 1403321           | IEUA           | Field              | Temp             | 21.1          | °C           |                      | 60                          |
| 5/20/2014       | 1405247           | IEUA           | Field              | Temp             | 26.2          | °C           |                      | 60                          |
| 10/1/2013       | 1310001           | IEUA           | Field              | TS               | <0.1          | mg/L         |                      |                             |
| 3/25/2014       | 1403321           | IEUA           | Field              | TS               | <0.1          | mg/L         |                      |                             |
| 5/20/2014       | 1405247           | IEUA           | Field              | TS               | <0.1          | mg/L         |                      |                             |
| 10/1/2013       | 1310001           | IEUA           | C                  | TSS              | 3             | mg/L         |                      |                             |
| 3/11/2014       | ESB B4C1147-01    | INDUSTRY       | C                  | TSS              | 160           | mg/L         |                      |                             |
| 3/25/2014       | 1403321           | IEUA           | C                  | TSS              | 19            | mg/L         |                      |                             |
| 9/20/2013       | ESB B3I2042-01,0  | INDUSTRY       | C                  | Zn               | 0.079         | mg/L         |                      | 50                          |
| 10/1/2013       | 1310001           | IEUA           | C                  | Zn               | 0.03          | mg/L         |                      | 50                          |
| 3/25/2014       | 1403321           | IEUA           | C                  | Zn               | 0.1           | mg/L         |                      |                             |

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|-----------|----------------|----------|-------------|-------------------------------------|--------|-------|---------------|---------------|
|           |                |          |             |                                     |        |       | In NC         | Daily Monthly |
| 2/19/2014 | ESB B4B1738-01 | INDUSTRY | G           | 1,1,1-Trichloroethane               | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,1,2,2-Tetrachloroethane           | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,1,2-Trichloroethane               | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,12-Benzoperylene                  | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,1-Dichloroethane                  | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,1-Dichloroethylene                | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,2,4-Trichlorobenzene              | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,2,5,6-Dibenzanthracene            | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,2-Dichlorobenzene                 | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,2-Dichloroethane                  | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,2-Dichloropropane                 | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,2-diphenylhydrazine               | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,2-Trans-dichloroethylene          | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,3-Dichlorobenzene                 | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,3-Dichloropropylene               | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 1,4-Dichlorobenzene                 | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 11,12-Benzofluoranthene             | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2,3,7,8-Tetrachlorodibenzo-p-dioxin | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2,4,6-Trichlorophenol               | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2,4-Dichlorophenol                  | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2,4-Dimethylphenol                  | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2,4-Dinitrophenol                   | <50    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2,4-Dinitrotoluene                  | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2,6-Dinitrotoluene                  | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2-Chloroethyl vinyl ether           | <5.0   | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2-Chloronaphthalene                 | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2-Chlorophenol                      | <10    | µg/L  |               |               |
|           |                | INDUSTRY | G           | 2-Nitrophenol                       | <10    | µg/L  |               |               |

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|------------|------------------|-----------|------------------|-----------------------------|--------|-------|---------------|-------|
|            |                  |           |                  |                             |        |       | In NC         | Daily |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY  | G                | 3,3-Dichlorobenzidine       | <20    | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | 3,4-Benzofluoranthene       | <10    | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | 4,4-DDD                     | <0.11  | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | 4,4-DDE                     | <0.040 | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | 4,4-DDT                     | <0.12  | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | 4,6-Dinitro-o-cresol        | <50    | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | 4-Bromophenyl phenyl ether  | <10    | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | 4-Chlorophenyl phenyl ether | <10    | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | 4-Nitrophenol               | <50    | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | Acenaphthene                | <10    | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | Acenaphthylene              | <10    | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | Acrolein                    | <100   | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | Acrylonitrile               | <100   | µg/L  |               |       |
|            |                  | 9/24/2013 | ESB B3I2257-01,0 | INDUSTRY                    | C      | Ag    | <0.010        | mg/L  |
| 9/26/2013  | 1309328          | IEUA      | C                | Ag                          | < 0.01 | mg/L  | 0.43          | 0.24  |
| 11/19/2013 | 1311225          | IEUA      | C                | Ag                          | < 0.01 | mg/L  | 0.43          | 0.24  |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY  | C                | Ag                          | <0.010 | mg/L  | 0.43          | 0.24  |
| 3/11/2014  | 1403133          | IEUA      | C                | Ag                          | < 0.01 | mg/L  | 0.43          | 0.24  |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY  | C                | Ag                          | <0.010 | mg/L  | 0.43          | 0.24  |
| 4/17/2014  | 1404224          | IEUA      | C                | Ag                          | < 0.01 | mg/L  | 0.43          | 0.24  |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY  | C                | Ag                          | <0.010 | mg/L  | 0.43          | 0.24  |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY  | G                | Aldrin                      | <0.040 | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | Alpha-BHC                   | <0.030 | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | Alpha-endosulfan            | <10    | µg/L  |               |       |
|            |                  | INDUSTRY  | G                | Anthracene                  | <10    | µg/L  |               |       |
| 9/26/2013  | 1309328          | IEUA      | C                | As                          | < 0.01 | mg/L  |               |       |
| 11/19/2013 | 1311225          | IEUA      | C                | As                          | 0.02   | mg/L  |               |       |
| 3/11/2014  | 1403133          | IEUA      | C                | As                          | < 0.01 | mg/L  |               |       |

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01/12/14

| <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> |
| 4/17/2014       | 1404224           | IEUA           | C                  | As                          | < 0.01        | mg/L         |                      |              |
| 9/26/2013       | 1309328           | IEUA           | C                  | Ba                          | 0.06          | mg/L         |                      |              |
| 11/19/2013      | 1311225           | IEUA           | C                  | Ba                          | 0.02          | mg/L         |                      |              |
| 3/11/2014       | 1403133           | IEUA           | C                  | Ba                          | 0.12          | mg/L         |                      |              |
| 4/17/2014       | 1404224           | IEUA           | C                  | Ba                          | 0.49          | mg/L         |                      |              |
| 2/19/2014       | ESB B4B1738-01    | INDUSTRY       | G                  | Benzene                     | <5.0          | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Benzidine                   | <50           | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Benzo(a)anthracene          | <10           | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Benzo(a)pyrene              | <10           | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Beta-BHC                    | <0.060        | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Beta-endosulfan             | <10           | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Bis(2-chloroethoxy)methane  | <10           | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Bis(2-chloroethyl)ether     | <10           | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Bis(2-chloroisopropyl)ether | <10           | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Bis(2-ethylhexyl)phthalate  | <3.0          | µg/L         |                      |              |
| 9/26/2013       | 1309328           | IEUA           | C                  | BOD5                        | 13            | mg/L         |                      |              |
| 3/11/2014       | 1403133           | IEUA           | C                  | BOD5                        | 24            | mg/L         |                      |              |
| 4/17/2014       | 1404224           | IEUA           | C                  | BOD5                        | < 33          | mg/L         |                      |              |
| 6/25/2014       | ESB B4F2525-01,0  | INDUSTRY       | C                  | BOD5                        | 41            | mg/L         |                      |              |
| 2/19/2014       | ESB B4B1738-01    | INDUSTRY       | G                  | Bromoform                   | <10           | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Butyl benzyl phthalate      | <10           | µg/L         |                      |              |
|                 |                   | INDUSTRY       | G                  | Carbon tetrachloride        | <5.0          | µg/L         |                      |              |
| 9/24/2013       | ESB B3I2257-01,0  | INDUSTRY       | C                  | Cd                          | <0.0020       | mg/L         | 0.11                 | 0.07         |
| 9/26/2013       | 1309328           | IEUA           | C                  | Cd                          | < 0.01        | mg/L         | 0.11                 | 0.07         |
| 11/19/2013      | 1311225           | IEUA           | C                  | Cd                          | < 0.01        | mg/L         | 0.11                 | 0.07         |
| 12/20/2013      | ESB B3L2053-01,0  | INDUSTRY       | C                  | Cd                          | <0.0020       | mg/L         | 0.11                 | 0.07         |
| 3/11/2014       | 1403133           | IEUA           | C                  | Cd                          | < 0.01        | mg/L         | 0.11                 | 0.07         |
| 3/20/2014       | ESB B4C2059-01,   | INDUSTRY       | C                  | Cd                          | <0.0020       | mg/L         | 0.11                 | 0.07         |

**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  
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01/12/2014

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter            | Result  | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|----------------------|---------|-------|-------|---------------|---------|
|            |                  |          |             |                      |         |       |       | Daily         | Monthly |
| 4/17/2014  | 1404224          | IEUA     | C           | Cd                   | < 0.01  | mg/L  |       | 0.11          | 0.07    |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | C           | Cd                   | 0.059   | mg/L  |       | 0.11          | 0.07    |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Chlordane            | <0.10   | µg/L  |       |               |         |
|            |                  |          | G           | Chlorobenzene        | <5.0    | µg/L  |       |               |         |
|            |                  |          | G           | Chlorodibromomethane | <5.0    | µg/L  |       |               |         |
|            |                  |          | G           | Chloroethane         | <5.0    | µg/L  |       |               |         |
|            |                  |          | G           | Chloroform           | <5.0    | µg/L  |       |               |         |
|            |                  |          | G           | Chloromethane        | <5.0    | µg/L  |       |               |         |
|            |                  |          | G           | Chrysene             | <10     | µg/L  |       |               |         |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | G           | CN                   | <0.005  | mg/L  |       | 1.2           | 0.65    |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | G           | CN                   | <0.005  | mg/L  |       | 1.2           | 0.65    |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | G           | CN                   | <0.005  | mg/L  |       | 1.2           | 0.65    |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | G           | CN                   | <0.005  | mg/L  |       | 1.2           | 0.65    |
| 9/30/2013  | 1309374          | IEUA     | G           | CN, Total            | < 0.005 | mg/L  |       |               |         |
| 11/19/2013 | 1311225          | IEUA     | G           | CN, Total            | 0.012   | mg/L  |       |               |         |
| 3/11/2014  | 1403133          | IEUA     | G           | CN, Total            | < 0.005 | mg/L  |       |               |         |
| 4/17/2014  | 1404224          | IEUA     | G           | CN, Total            | <0.005  | mg/L  |       |               |         |
| 9/26/2013  | 1309328          | IEUA     | C           | Co                   | < 0.01  | mg/L  |       |               |         |
| 11/19/2013 | 1311225          | IEUA     | C           | Co                   | < 0.01  | mg/L  |       |               |         |
| 3/11/2014  | 1403133          | IEUA     | C           | Co                   | < 0.01  | mg/L  |       |               |         |
| 4/17/2014  | 1404224          | IEUA     | C           | Co                   | < 0.01  | mg/L  |       |               |         |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | C           | Cr                   | <0.020  | mg/L  |       | 2.77          | 1.71    |
| 9/26/2013  | 1309328          | IEUA     | C           | Cr                   | < 0.01  | mg/L  |       | 2.77          | 1.71    |
| 11/19/2013 | 1311225          | IEUA     | C           | Cr                   | < 0.01  | mg/L  |       | 2.77          | 1.71    |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | C           | Cr                   | <0.020  | mg/L  |       | 2.77          | 1.71    |
| 3/11/2014  | 1403133          | IEUA     | C           | Cr                   | < 0.01  | mg/L  |       | 2.77          | 1.71    |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | C           | Cr                   | <0.020  | mg/L  |       | 2.77          | 1.71    |
| 4/17/2014  | 1404224          | IEUA     | C           | Cr                   | < 0.01  | mg/L  |       | 2.77          | 1.71    |

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03/27/2014

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter            | Result | Units | Permit Limits |       |         |
|------------|------------------|----------|-------------|----------------------|--------|-------|---------------|-------|---------|
|            |                  |          |             |                      |        |       | In NC         | Daily | Monthly |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | C           | Cr                   | <0.020 | mg/L  |               | 2.77  | 1.71    |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | C           | Cu                   | <0.010 | mg/L  |               | 3.38  | 2.07    |
| 9/26/2013  | 1309328          | IEUA     | C           | Cu                   | < 0.02 | mg/L  |               | 3.38  | 2.07    |
| 11/19/2013 | 1311225          | IEUA     | C           | Cu                   | < 0.02 | mg/L  |               | 3.38  | 2.07    |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | C           | Cu                   | <0.010 | mg/L  |               | 3.38  | 2.07    |
| 3/11/2014  | 1403133          | IEUA     | C           | Cu                   | < 0.02 | mg/L  |               | 3.37  | 2.07    |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | C           | Cu                   | <0.010 | mg/L  |               | 3.37  | 2.07    |
| 4/17/2014  | 1404224          | IEUA     | C           | Cu                   | < 0.02 | mg/L  |               | 3.37  | 2.07    |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | C           | Cu                   | <0.010 | mg/L  |               | 3.37  | 2.07    |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Delta-BHC            | <0.090 | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Dichlorobromomethane | <5.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Dieldrin             | <0.020 | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Diethyl phthalate    | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Dimethyl phthalate   | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Di-n-butyl phthalate | <10    | µg/L  |               |       |         |
| 9/30/2013  | 1309374          | IEUA     | Field       | DS                   | <0.1   | mg/L  |               |       |         |
|            |                  | IEUA     | Field       | DS                   | <0.1   | mg/L  |               |       |         |
|            |                  | IEUA     | Field       | DS                   | <0.1   | mg/L  |               |       |         |
| 4/17/2014  | 1404224          | IEUA     | Field       | DS                   | <0.1   | mg/L  |               |       |         |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Endosulfan Sulfate   | <0.66  | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Endrin               | <0.060 | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Endrin aldehyde      | <0.23  | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Ethylbenzene         | <5.0   | µg/L  |               |       |         |
| 9/26/2013  | 1309328          | IEUA     | C           | Fe                   | < 0.15 | mg/L  |               |       |         |
| 11/19/2013 | 1311225          | IEUA     | C           | Fe                   | 1.36   | mg/L  |               |       |         |
| 3/11/2014  | 1403133          | IEUA     | C           | Fe                   | 0.55   | mg/L  |               |       |         |
| 4/17/2014  | 1404224          | IEUA     | C           | Fe                   | 0.42   | mg/L  |               |       |         |

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07/24/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter                 | Result | Units | Permit Limits |       |         |
|------------|------------------|----------|-------------|---------------------------|--------|-------|---------------|-------|---------|
|            |                  |          |             |                           |        |       | In NC         | Daily | Monthly |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | Metered     | Flow-T                    | 1256   | gpd   |               | 14000 |         |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | Metered     | Flow-T                    | 7365   | gpd   |               | 14000 |         |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | Metered     | Flow-T                    | 4736   | gpd   |               | 14000 |         |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | Metered     | Flow-T                    | 9766   | gpd   |               | 14000 |         |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Fluoranthene              | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Fluorene                  | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Gamma-BHC                 | <0.040 | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Heptachlor                | <0.010 | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Heptachlor epoxide        | <0.010 | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Hexachlorobenzene         | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Hexachlorobutadiene       | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Hexachlorocyclopentadiene | <50    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Hexachloroethane          | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Indeno(1,2,3-cd)pyrene    | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Isophorone                | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Methyl bromide            | <5.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Methylene chloride        | <30    | µg/L  |               |       |         |
| 9/26/2013  | 1309328          | IEUA     | C           | Mn                        | < 0.02 | mg/L  |               |       |         |
| 11/19/2013 | 1311225          | IEUA     | C           | Mn                        | < 0.02 | mg/L  |               |       |         |
| 3/11/2014  | 1403133          | IEUA     | C           | Mn                        | 0.02   | mg/L  |               |       |         |
| 4/17/2014  | 1404224          | IEUA     | C           | Mn                        | < 0.02 | mg/L  |               |       |         |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Naphthalene               | <10    | µg/L  |               |       |         |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | C           | Ni                        | <0.020 | mg/L  |               | 3.98  | 2.38    |
| 9/26/2013  | 1309328          | IEUA     | C           | Ni                        | < 0.01 | mg/L  |               | 3.98  | 2.38    |
| 11/19/2013 | 1311225          | IEUA     | C           | Ni                        | 0.03   | mg/L  |               | 3.98  | 2.38    |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | C           | Ni                        | <0.020 | mg/L  |               | 3.98  | 2.38    |
| 3/11/2014  | 1403133          | IEUA     | C           | Ni                        | < 0.01 | mg/L  |               | 3.97  | 2.38    |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | C           | Ni                        | <0.020 | mg/L  |               | 3.97  | 2.38    |

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01/12/2014

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter                  | Result | Units | Permit Limits |       |         |
|------------|------------------|----------|-------------|----------------------------|--------|-------|---------------|-------|---------|
|            |                  |          |             |                            |        |       | In NC         | Daily | Monthly |
| 4/17/2014  | 1404224          | IEUA     | C           | Ni                         | < 0.01 | mg/L  |               | 3.97  | 2.38    |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | C           | Ni                         | <0.020 | mg/L  |               | 3.97  | 2.38    |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Nitrobenzene               | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | N-Nitrosodimethylamine     | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | N-Nitroso-di-n-propylamine | <10    | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | N-Nitrosodiphenylamine     | <10    | µg/L  |               |       |         |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | G           | Oil and Grease, Total      | <5.3   | mg/L  |               | 100   |         |
| 9/30/2013  | 1309374          | IEUA     | G           | Oil and Grease, Total      | < 4    | mg/L  |               | 100   |         |
| 11/19/2013 | 1311225          | IEUA     | G           | Oil and Grease, Total      | 3      | mg/L  |               | 100   |         |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | G           | Oil and Grease, Total      | 4.6    | mg/L  |               | 100   |         |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | G           | Oil and Grease, Total      | <4.8   | mg/L  |               |       |         |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Parachlorometa cresol      | <20    | µg/L  |               |       |         |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | C           | Pb                         | <0.010 | mg/L  |               | 0.69  | 0.43    |
| 9/26/2013  | 1309328          | IEUA     | C           | Pb                         | < 0.02 | mg/L  |               | 0.69  | 0.43    |
| 11/19/2013 | 1311225          | IEUA     | C           | Pb                         | < 0.02 | mg/L  |               | 0.69  | 0.43    |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | C           | Pb                         | <0.010 | mg/L  |               | 0.69  | 0.43    |
| 3/11/2014  | 1403133          | IEUA     | C           | Pb                         | < 0.02 | mg/L  |               | 0.69  | 0.43    |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | C           | Pb                         | <0.010 | mg/L  |               | 0.69  | 0.43    |
| 4/17/2014  | 1404224          | IEUA     | C           | Pb                         | < 0.02 | mg/L  |               | 0.69  | 0.43    |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | C           | Pb                         | <0.010 | mg/L  |               | 0.69  | 0.43    |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | PCB-1016                   | <1.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | PCB-1221                   | <1.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | PCB-1232                   | <1.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | PCB-1242                   | <1.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | PCB-1248                   | <1.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | PCB-1254                   | <1.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | PCB-1260                   | <1.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Pentachlorophenol          | <50    | µg/L  |               |       |         |

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03/24/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter    | Result | Units    | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|--------------|--------|----------|-------|---------------|---------|
|            |                  |          |             |              |        |          |       | Daily         | Monthly |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | Field       | pH           | 6.8    | pH Units |       | 5.0-12.5      |         |
| 9/30/2013  | 1309374          | IEUA     | Field       | pH           | 7.63   | pH Units |       | 5.0-12.5      |         |
| 11/19/2013 | 1311225          | IEUA     | Field       | pH           | 6.53   | pH Units |       | 5.0-12.5      |         |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | Field       | pH           | 6.35   | pH Units |       | 5.0-12.5      |         |
| 3/11/2014  | 1403133          | IEUA     | Field       | pH           | 7.03   | pH Units |       | 5.0-12.5      |         |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | Field       | pH           | 6.53   | pH Units |       | 5.0-12.5      |         |
| 4/17/2014  | 1404224          | IEUA     | Field       | pH           | 6.64   | pH Units |       | 5.0-12.5      |         |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | Field       | pH           | 6.53   | pH Units |       | 5.0-12.5      |         |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Phenanthrene | <10    | µg/L     |       |               |         |
|            |                  | INDUSTRY | G           | Phenol       | <10    | µg/L     |       |               |         |
|            |                  | INDUSTRY | G           | Pyrene       | <10    | µg/L     |       |               |         |
| 9/26/2013  | 1309328          | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 11/19/2013 | 1311225          | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 3/11/2014  | 1403133          | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 4/17/2014  | 1404224          | IEUA     | C           | Se           | < 0.02 | mg/L     |       |               |         |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | C           | TDS          | 100    | mg/L     |       | 800           |         |
| 9/26/2013  | 1309328          | IEUA     | C           | TDS          | 122    | mg/L     |       | 800           |         |
| 11/19/2013 | 1311225          | IEUA     | C           | TDS          | 250    | mg/L     |       | 800           |         |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | C           | TDS          | 140    | mg/L     |       | 800           |         |
| 3/11/2014  | 1403133          | IEUA     | C           | TDS          | 218    | mg/L     |       | 800           |         |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | C           | TDS          | 310    | mg/L     |       | 800           |         |
| 4/17/2014  | 1404224          | IEUA     | C           | TDS          | 174    | mg/L     |       | 800           |         |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | C           | TDS          | 270    | mg/L     |       | 800           |         |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | Field       | Temp         | 28     | °C       |       |               |         |
| 9/30/2013  | 1309374          | IEUA     | Field       | Temp         | 26.4   | °C       |       |               |         |
| 11/19/2013 | 1311225          | IEUA     | Field       | Temp         | 20.5   | °C       |       |               |         |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | Field       | Temp         | 26.5   | °C       |       |               |         |
| 3/11/2014  | 1403133          | IEUA     | Field       | Temp         | 21.7   | °C       |       |               | 60      |

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| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter           | Result | Units | Permit Limits |       |         |
|------------|------------------|----------|-------------|---------------------|--------|-------|---------------|-------|---------|
|            |                  |          |             |                     |        |       | In NC         | Daily | Monthly |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | Field       | Temp                | 25.7   | °C    |               | 60    |         |
| 4/17/2014  | 1404224          | IEUA     | Field       | Temp                | 22.7   | °C    |               | 60    |         |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | Field       | Temp                | 26.9   | °C    |               | 60    |         |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Tetrachloroethylene | <5.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Toluene             | <5.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Toxaphene           | <1.0   | µg/L  |               |       |         |
|            |                  | INDUSTRY | G           | Trichloroethylene   | <5.0   | µg/L  |               |       |         |
| 9/30/2013  | 1309374          | IEUA     | Field       | TS                  | <0.1   | mg/L  |               |       |         |
| 11/19/2013 | 1311225          | IEUA     | Field       | TS                  | <0.1   | mg/L  |               |       |         |
| 3/11/2014  | 1403133          | IEUA     | Field       | TS                  | <0.1   | mg/L  |               |       |         |
| 4/17/2014  | 1404224          | IEUA     | Field       | TS                  | <0.1   | mg/L  |               |       |         |
| 9/26/2013  | 1309328          | IEUA     | C           | TSS                 | 3      | mg/L  |               |       |         |
| 3/11/2014  | 1403133          | IEUA     | C           | TSS                 | 5      | mg/L  |               |       |         |
| 4/17/2014  | 1404224          | IEUA     | C           | TSS                 | 7      | mg/L  |               |       |         |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | C           | TSS                 | 56     | mg/L  |               |       |         |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | TTO                 | <.570  | mg/L  |               | 2.13  |         |
| 3/11/2014  | 1403133          | IEUA     | C           | V                   | < 0.02 | µg/L  |               |       |         |
| 2/19/2014  | ESB B4B1738-01   | INDUSTRY | G           | Vinyl chloride      | <5.0   | µg/L  |               |       |         |
| 9/24/2013  | ESB B3I2257-01,0 | INDUSTRY | C           | Zn                  | 0.17   | mg/L  |               | 2.61  | 1.48    |
| 9/26/2013  | 1309328          | IEUA     | C           | Zn                  | 0.21   | mg/L  |               | 2.61  | 1.48    |
| 11/19/2013 | 1311225          | IEUA     | C           | Zn                  | 0.05   | mg/L  |               | 2.61  | 1.48    |
| 12/20/2013 | ESB B3L2053-01,0 | INDUSTRY | C           | Zn                  | 0.38   | mg/L  |               | 2.61  | 1.48    |
| 3/11/2014  | 1403133          | IEUA     | C           | Zn                  | 0.54   | mg/L  |               | 2.61  | 1.48    |
| 3/20/2014  | ESB B4C2059-01,  | INDUSTRY | C           | Zn                  | 0.38   | mg/L  |               | 2.61  | 1.48    |
| 4/17/2014  | 1404224          | IEUA     | C           | Zn                  | 0.22   | mg/L  |               | 2.61  | 1.48    |
| 6/25/2014  | ESB B4F2525-01,0 | INDUSTRY | C           | Zn                  | 0.15   | mg/L  |               | 2.61  | 1.48    |

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10/2/2013

| Sampled:  | Sample ID: | Source:  | Sample Type | Parameter             | Result  | Units    | Permit Limits |        |         |
|-----------|------------|----------|-------------|-----------------------|---------|----------|---------------|--------|---------|
|           |            |          |             |                       |         |          | In NC         | Daily  | Monthly |
| 10/2/2013 | 1310019    | IEUA     | C           | Ag                    | < 0.01  | mg/L     |               | 0.43   | 0.24    |
| 12/9/2013 | TL 811274  | INDUSTRY | C           | Ag                    | <0.02   | mg/L     |               | 0.43   | 0.24    |
| 10/2/2013 | 1310019    | IEUA     | C           | As                    | < 0.01  | mg/L     |               |        |         |
|           |            | IEUA     | C           | Ba                    | < 0.01  | mg/L     |               |        |         |
|           |            | IEUA     | C           | BOD5                  | 7       | mg/L     |               |        |         |
| 12/9/2013 | TL 811274  | INDUSTRY | C           | BOD5                  | 80      | mg/L     |               |        |         |
| 10/2/2013 | 1310019    | IEUA     | C           | Cd                    | < 0.01  | mg/L     |               | 0.11   | 0.07    |
| 12/9/2013 | TL 811274  | INDUSTRY | C           | Cd                    | <0.01   | mg/L     |               | 0.11   | 0.07    |
|           |            | INDUSTRY | G           | CN                    | <0.01   | mg/L     |               | 1.2    | 0.65    |
| 10/2/2013 | 1310019    | IEUA     | G           | CN, Total             | < 0.005 | mg/L     |               |        |         |
|           |            | IEUA     | C           | Co                    | < 0.01  | mg/L     |               |        |         |
|           |            | IEUA     | C           | Cr                    | < 0.01  | mg/L     |               | 2.77   | 1.71    |
| 12/9/2013 | TL 811274  | INDUSTRY | C           | Cr                    | <0.01   | mg/L     |               | 2.77   | 1.71    |
| 10/2/2013 | 1310019    | IEUA     | C           | Cu                    | < 0.02  | mg/L     |               | 3.38   | 2.07    |
| 12/9/2013 | TL 811274  | INDUSTRY | C           | Cu                    | <0.01   | mg/L     |               | 3.38   | 2.07    |
| 10/2/2013 | 1310019    | IEUA     | Field       | DS                    | <0.1    | mg/L     |               |        |         |
|           |            | IEUA     | C           | Fe                    | 0.56    | mg/L     |               |        |         |
|           |            | IEUA     | C           | Mn                    | 0.04    | mg/L     |               |        |         |
|           |            | IEUA     | C           | Ni                    | < 0.01  | mg/L     |               | 3.98   | 2.38    |
| 12/9/2013 | TL 811274  | INDUSTRY | C           | Ni                    | <0.01   | mg/L     |               | 3.98   | 2.38    |
| 10/2/2013 | 1310019    | IEUA     | G           | Oil and Grease, Total | < 4     | mg/L     |               | 100    |         |
|           |            | IEUA     | C           | Pb                    | < 0.02  | mg/L     |               | 0.69   | 0.43    |
| 12/9/2013 | TL 811274  | INDUSTRY | C           | Pb                    | <0.01   | mg/L     |               | 0.69   | 0.43    |
| 10/2/2013 | 1310019    | IEUA     | Field       | pH                    | 6.61    | pH Units |               | 5-12.5 |         |
| 12/9/2013 | TL 811274  | INDUSTRY | Field       | pH                    | 7.28    | pH Units |               | 5-12.5 |         |
| 10/2/2013 | 1310019    | IEUA     | C           | Se                    | < 0.02  | mg/L     |               |        |         |
|           |            | IEUA     | C           | TDS                   | 500     | mg/L     |               | 800    |         |
| 12/9/2013 | TL 811274  | INDUSTRY | C           | TDS                   | 402     | mg/L     |               | 800    |         |

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10/22/2013

| <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> |
| 10/2/2013       | 1310019           | IEUA           | Field              | Temp                    | 28.3          | °C           |                      | 60           |                |
| 12/9/2013       | TL 811274         | INDUSTRY       | Field              | Temp                    | 13.3          | °C           |                      | 60           |                |
| 7/31/2013       | Flow              | IU Flow Rpt    | Metered            | Total Gallons per Month | 9916          | Gallons      |                      |              |                |
| 8/31/2013       |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 11937         | Gallons      |                      |              |                |
|                 |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 11937         | Gallons      |                      |              |                |
| 9/30/2013       |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 12132         | Gallons      |                      |              |                |
| 10/31/2013      |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 6937          | Gallons      |                      |              |                |
| 11/30/2013      |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 0             | Gallons      |                      |              |                |
| 10/2/2013       | 1310019           | IEUA           | Field              | TS                      | <0.1          | mg/L         |                      |              |                |
|                 |                   | IEUA           | C                  | TSS                     | 5             | mg/L         |                      |              |                |
| 12/9/2013       | TL 811274         | INDUSTRY       | C                  | TSS                     | <5.0          | mg/L         |                      |              |                |
| 10/2/2013       | 1310019           | IEUA           | C                  | Zn                      | 0.05          | mg/L         |                      | 2.61         | 1.48           |
| 12/9/2013       | TL 811274         | INDUSTRY       | C                  | Zn                      | 0.15          | mg/L         |                      | 2.61         | 1.48           |

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09/20/13

| <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> |
| 8/7/2013        | ESB B3H0742-01,   | INDUSTRY       | C                  | BOD5                  | <10           | mg/L         |                      |                             |
| 9/26/2013       | 1309328           | IEUA           | C                  | BOD5                  | 5.5           | mg/L         |                      |                             |
| 11/18/2013      | 1311225           | IEUA           | C                  | BOD5                  | 6             | mg/L         |                      |                             |
| 11/20/2013      | ESB B3K1799-01,   | INDUSTRY       | C                  | BOD5                  | 10            | mg/L         |                      |                             |
| 2/19/2014       | 1402245           | IEUA           | C                  | BOD5                  | 8             | mg/L         |                      |                             |
| 3/18/2014       | ESB B4C1785-01,   | INDUSTRY       | C                  | BOD5                  | <20           | mg/L         |                      |                             |
| 4/10/2014       | 1404129           | IEUA           | C                  | BOD5                  | < 3           | mg/L         |                      |                             |
| 5/22/2014       | ESB B4E2194-01,   | INDUSTRY       | C                  | BOD5                  | 10            | mg/L         |                      |                             |
| 9/26/2013       | 1309328           | IEUA           | Field              | DS                    | <0.1          | mg/L         |                      |                             |
| 11/19/2013      | 1311225           | IEUA           | Field              | DS                    | <0.1          | mg/L         |                      |                             |
| 2/19/2014       | 1402245           | IEUA           | Field              | DS                    | <0.1          | mg/L         |                      |                             |
| 4/10/2014       | 1404129           | IEUA           | Field              | DS                    | <0.1          | mg/L         |                      |                             |
| 8/7/2013        | ESB B3H0742-01,   | INDUSTRY       | G                  | Oil and Grease, Total | <4.9          | mg/L         |                      | 100                         |
| 9/26/2013       | 1309328           | IEUA           | G                  | Oil and Grease, Total | < 3           | mg/L         |                      | 100                         |
| 11/19/2013      | 1311225           | IEUA           | G                  | Oil and Grease, Total | <4            | mg/L         |                      | 100                         |
| 11/20/2013      | ESB B3K1799-01,   | INDUSTRY       | G                  | Oil and Grease, Total | <5.0          | mg/L         |                      | 100                         |
| 2/19/2014       | 1402245           | IEUA           | G                  | Oil and Grease, Total | < 3           | mg/L         |                      | 100                         |
| 3/18/2014       | ESB B4C1785-01,   | INDUSTRY       | G                  | Oil and Grease, Total | <5.0          | mg/L         |                      | 100                         |
| 4/10/2014       | 1404129           | IEUA           | G                  | Oil and Grease, Total | <2.5          | mg/L         |                      | 100                         |
| 5/22/2014       | ESB B4E2194-01,   | INDUSTRY       | G                  | Oil and Grease, Total | <5.1          | mg/L         |                      | 100                         |
| 8/7/2013        | ESB B3H0742-01,   | INDUSTRY       | Field              | pH                    | 7.5           | pH Units     |                      | 5-12.5                      |
| 9/26/2013       | 1309328           | IEUA           | Field              | pH                    | 7.07          | pH Units     |                      | 5-12.5                      |
| 11/19/2013      | 1311225           | IEUA           | Field              | pH                    | 7.17          | pH Units     |                      | 5-12.5                      |
| 11/20/2013      | ESB B3K1799-01,   | INDUSTRY       | Field              | pH                    | 8.4           | pH Units     |                      | 5-12.5                      |
| 2/19/2014       | 1402245           | IEUA           | Field              | pH                    | 6.33          | pH Units     |                      | 5-12.5                      |
| 3/18/2014       | ESB B4C1785-01,   | INDUSTRY       | Field              | pH                    | 7.13          | pH Units     |                      | 5-12.5                      |
| 4/10/2014       | 1404129           | IEUA           | Field              | pH                    | 8.80          | pH Units     |                      | 5-12.5                      |
| 5/22/2014       | ESB B4E2194-01,   | INDUSTRY       | Field              | pH                    | 6.34          | pH Units     |                      | 5-12.5                      |

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01/22/2013

| Sampled:   | Sample ID:      | Source:     | Sample Type | Parameter               | Result  | Units   | In NC | Permit Limits |         |
|------------|-----------------|-------------|-------------|-------------------------|---------|---------|-------|---------------|---------|
|            |                 |             |             |                         |         |         |       | Daily         | Monthly |
| 8/7/2013   | ESB B3H0742-01, | INDUSTRY    | C           | TDS, Fixed              | 310     | mg/L    |       | 800           |         |
| 9/26/2013  | 1309328         | IEUA        | C           | TDS, Fixed              | 352     | mg/L    |       | 800           |         |
| 11/19/2013 | 1311225         | IEUA        | C           | TDS, Fixed              | 170     | mg/L    |       | 800           |         |
| 11/20/2013 | ESB B3K1799-01, | INDUSTRY    | C           | TDS, Fixed              | 270     | mg/L    |       | 800           |         |
| 2/19/2014  | 1402245         | IEUA        | C           | TDS, Fixed              | 236     | mg/L    |       | 800           |         |
| 3/18/2014  | ESB B4C1785-01, | INDUSTRY    | C           | TDS, Fixed              | 200     | mg/L    |       | 800           |         |
| 4/10/2014  | 1404129         | IEUA        | C           | TDS, Fixed              | 180     | mg/L    |       | 800           |         |
| 5/22/2014  | ESB B4E2194-01, | INDUSTRY    | C           | TDS, Fixed              | 210     | mg/L    |       | 800           |         |
| 8/7/2013   | ESB B3H0742-01, | INDUSTRY    | Field       | Temp                    | 32      | °C      |       | 60            |         |
| 9/26/2013  | 1309328         | IEUA        | Field       | Temp                    | 22.6    | °C      |       | 60            |         |
| 11/19/2013 | 1311225         | IEUA        | Field       | Temp                    | 23.9    | °C      |       | 60            |         |
| 11/20/2013 | ESB B3K1799-01, | INDUSTRY    | Field       | Temp                    | 24      | °C      |       | 60            |         |
| 2/19/2014  | 1402245         | IEUA        | Field       | Temp                    | 26.0    | °C      |       | 60            |         |
| 3/18/2014  | ESB B4C1785-01, | INDUSTRY    | Field       | Temp                    | 27.7    | °C      |       | 60            |         |
| 4/10/2014  | 1404129         | IEUA        | Field       | Temp                    | 23.9    | °C      |       | 60            |         |
| 5/22/2014  | ESB B4E2194-01, | INDUSTRY    | Field       | Temp                    | 24.7    | °C      |       | 60            |         |
| 6/30/2014  | Flow            | IU Flow Rpt | Metered     | Total Gallons per Month | 3045151 | Gallons |       | 7200000       |         |
| 9/26/2013  | 1309328         | IEUA        | Field       | TS                      | <0.1    | mg/L    |       |               |         |
| 11/19/2013 | 1311225         | IEUA        | Field       | TS                      | <0.1    | mg/L    |       |               |         |
| 2/19/2014  | 1402245         | IEUA        | Field       | TS                      | <0.1    | mg/L    |       |               |         |
| 4/10/2014  | 1404129         | IEUA        | Field       | TS                      | <0.1    | mg/L    |       |               |         |
| 8/7/2013   | ESB B3H0742-01, | INDUSTRY    | C           | TSS                     | <5      | mg/L    |       |               |         |
| 9/26/2013  | 1309328         | IEUA        | C           | TSS                     | 3       | mg/L    |       |               |         |
| 11/18/2013 | 1311225         | IEUA        | C           | TSS                     | <4      | mg/L    |       |               |         |
| 11/20/2013 | ESB B3K1799-01, | INDUSTRY    | C           | TSS                     | 14      | mg/L    |       |               |         |
| 2/19/2014  | 1402245         | IEUA        | C           | TSS                     | 3       | mg/L    |       |               |         |
| 3/18/2014  | ESB B4C1785-01, | INDUSTRY    | C           | TSS                     | 9       | mg/L    |       |               |         |
| 4/10/2014  | 1404129         | IEUA        | C           | TSS                     | < 4     | mg/L    |       |               |         |

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03/20/2014

| <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> |
| 5/22/2014       | ESB B4E2194-01,   | INDUSTRY       | C                  | TSS              | 5             | mg/L         |                      |                             |

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10/20/2013

| Sampled:  | Sample ID:      | Source:  | Sample Type | Parameter | Result  | Units | Permit Limits |       |         |
|-----------|-----------------|----------|-------------|-----------|---------|-------|---------------|-------|---------|
|           |                 |          |             |           |         |       | In NC         | Daily | Monthly |
| 10/1/2013 | 1310001         | IEUA     | C           | Ag        | 0.03    | mg/L  |               |       |         |
| 3/31/2014 | 1404003         | IEUA     | C           | Ag        | <0.01   | mg/L  |               |       |         |
| 10/1/2013 | 1310001         | IEUA     | C           | As        | < 0.01  | mg/L  |               |       |         |
| 3/31/2014 | 1404003         | IEUA     | C           | As        | <0.01   | mg/L  |               |       |         |
| 10/1/2013 | 1310001         | IEUA     | C           | Ba        | 0.04    | mg/L  |               |       |         |
| 3/31/2014 | 1404003         | IEUA     | C           | Ba        | 0.04    | mg/L  |               |       |         |
| 10/1/2013 | 1310001         | IEUA     | C           | BOD5      | 34      | mg/L  |               |       |         |
| 1/9/2014  | ML 010914-C1202 | INDUSTRY | C           | BOD5      | 30.3    | mg/L  |               |       |         |
| 4/1/2014  | 1404003         | IEUA     | C           | BOD5      | 32      | mg/L  |               |       |         |
| 9/4/2013  | ML 090413-C1160 | INDUSTRY | C           | Cd        | <0.010  | mg/L  |               | 2.8   |         |
| 10/1/2013 | 1310001         | IEUA     | C           | Cd        | < 0.01  | mg/L  |               | 2.8   |         |
| 1/9/2014  | ML 010914-C1202 | INDUSTRY | C           | Cd        | 0.02383 | mg/L  |               | 2.8   |         |
| 3/31/2014 | 1404003         | IEUA     | C           | Cd        | <0.01   | mg/L  |               | 2.8   |         |
| 9/4/2013  | ML 090413-C1160 | INDUSTRY | G           | CN        | <0.005  | mg/L  |               | 1.2   |         |
| 1/9/2014  | ML 010914-C1202 | INDUSTRY | G           | CN        | 0.0069  | mg/L  |               | 1.2   |         |
| 10/1/2013 | 1310001         | IEUA     | G           | CN, Total | < 0.005 | mg/L  |               |       |         |
| 4/1/2014  | 1404003         | IEUA     | G           | CN, Total | 0.013   | mg/L  |               |       |         |
| 10/1/2013 | 1310001         | IEUA     | C           | Co        | < 0.01  | mg/L  |               |       |         |
| 3/31/2014 | 1404003         | IEUA     | C           | Co        | <0.01   | mg/L  |               |       |         |
| 9/4/2013  | ML 090413-C1160 | INDUSTRY | C           | Cr        | 0.024   | mg/L  |               | 60    |         |
| 10/1/2013 | 1310001         | IEUA     | C           | Cr        | 0.02    | mg/L  |               | 60    |         |
| 1/9/2014  | ML 010914-C1202 | INDUSTRY | C           | Cr        | 0.02382 | mg/L  |               | 60    |         |
| 3/31/2014 | 1404003         | IEUA     | C           | Cr        | 0.05    | mg/L  |               | 60    |         |
| 9/4/2013  | ML 090413-C1160 | INDUSTRY | C           | Cu        | 0.075   | mg/L  |               | 1.43  | 0.78    |
| 10/1/2013 | 1310001         | IEUA     | C           | Cu        | 0.16    | mg/L  |               |       |         |
| 1/9/2014  | ML 010914-C1202 | INDUSTRY | C           | Cu        | 0.16676 | mg/L  |               | 1.35  | 0.75    |
| 3/31/2014 | 1404003         | IEUA     | C           | Cu        | 0.06    | mg/L  |               | 1.35  | 0.75    |
| 10/1/2013 | 1310001         | IEUA     | Field       | DS        | <0.1    | mg/L  |               |       |         |

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| Sampled:   | Sample ID:      | Source:  | Sample Type | Parameter             | Result  | Units | Permit Limits |             |
|------------|-----------------|----------|-------------|-----------------------|---------|-------|---------------|-------------|
|            |                 |          |             |                       |         |       | In NC         | Daily       |
| 4/1/2014   | 1404003         | IEUA     | Field       | DS                    | <0.1    | mg/L  |               |             |
| 10/1/2013  | 1310001         | IEUA     | C           | Fe                    | < 0.15  | mg/L  |               |             |
| 3/31/2014  | 1404003         | IEUA     | C           | Fe                    | 0.31    | mg/L  |               |             |
| 10/1/2013  | 1310001         | IEUA     | C           | Mn                    | < 0.02  | mg/L  |               |             |
| 3/31/2014  | 1404003         | IEUA     | C           | Mn                    | <0.02   | mg/L  |               |             |
| 9/4/2013   | ML 090413-C1160 | INDUSTRY | C           | Ni                    | 0.040   | mg/L  |               | 45          |
| 10/1/2013  | 1310001         | IEUA     | C           | Ni                    | 0.03    | mg/L  |               | 45          |
| 1/9/2014   | ML 010914-C1202 | INDUSTRY | C           | Ni                    | 0.03336 | mg/L  |               | 45          |
| 3/31/2014  | 1404003         | IEUA     | C           | Ni                    | 0.05    | mg/L  |               | 45          |
| 7/2/2013   | ML 070213-C1139 | INDUSTRY | G           | Oil and Grease, Total | 11.9    | mg/L  |               | 77.33 25.78 |
| 8/2/2013   | ML 080213-C1149 | INDUSTRY | G           | Oil and Grease, Total | <6      | mg/L  |               | 77.33 25.78 |
| 9/4/2013   | ML 090413-C1160 | INDUSTRY | G           | Oil and Grease, Total | 10      | mg/L  |               | 77.33 25.78 |
| 10/1/2013  | 1310001         | IEUA     | G           | Oil and Grease, Total | < 4     | mg/L  |               | 119.7 39.9  |
| 10/4/2013  | ML 100413-C1171 | INDUSTRY | G           | Oil and Grease, Total | <6      | mg/L  |               | 119.7 39.9  |
| 11/8/2013  | ML 110813-C1183 | INDUSTRY | G           | Oil and Grease, Total | 8       | mg/L  |               | 119.7 39.9  |
| 12/5/2013  | ML 120513-C1192 | INDUSTRY | G           | Oil and Grease, Total | 63      | mg/L  |               | 119.7 39.9  |
| 12/16/2013 | ML 121613-C1195 | INDUSTRY | G           | Oil and Grease, Total | 7       | mg/L  |               | 119.7 39.9  |
| 12/17/2013 | ML 121713-C1196 | INDUSTRY | G           | Oil and Grease, Total | <6      | mg/L  |               | 119.7 39.9  |
| 12/18/2013 | ML 121813-C1196 | INDUSTRY | G           | Oil and Grease, Total | <6      | mg/L  |               | 119.7 39.9  |
| 1/9/2014   | ML 010914-C1202 | INDUSTRY | G           | Oil and Grease, Total | 11      | mg/L  |               | 119.7 39.9  |
| 2/6/2014   | ML 020614-C1213 | INDUSTRY | G           | Oil and Grease, Total | 14      | mg/L  |               | 119.7 39.9  |
| 3/6/2014   | ML 030614-C1225 | INDUSTRY | G           | Oil and Grease, Total | 9       | mg/L  |               | 119.7 39.9  |
| 4/1/2014   | 1404003         | IEUA     | G           | Oil and Grease, Total | 12      | mg/L  |               | 119.7 39.9  |
| 4/2/2014   | ML 040314-C1237 | INDUSTRY | G           | Oil and Grease, Total | 16.9    | mg/L  |               | 119.7 39.9  |
| 5/8/2014   | ML 050814-C1249 | INDUSTRY | G           | Oil and Grease, Total | <6.0    | mg/L  |               | 119.7 39.9  |
| 6/4/2014   | ML 060414-C1260 | INDUSTRY | G           | Oil and Grease, Total | 8       | mg/L  |               | 119.7 39.9  |
| 9/4/2013   | ML 090413-C1160 | INDUSTRY | C           | Pb                    | <0.100  | mg/L  |               | 1.74 0.86   |
| 10/1/2013  | 1310001         | IEUA     | C           | Pb                    | < 0.02  | mg/L  |               |             |

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| Sampled:  | Sample ID:      | Source:  | Sample Type | Parameter | Result  | Units    | In NC | Permit Limits |         |
|-----------|-----------------|----------|-------------|-----------|---------|----------|-------|---------------|---------|
|           |                 |          |             |           |         |          |       | Daily         | Monthly |
| 1/9/2014  | ML 010914-C1202 | INDUSTRY | C           | Pb        | 0.02377 | mg/L     |       | 3.15          | 1.56    |
| 3/31/2014 | 1404003         | IEUA     | C           | Pb        | <0.02   | mg/L     |       | 3.15          | 1.56    |
| 7/2/2013  | ML 070213-C1139 | INDUSTRY | Field       | pH        | 7.74    | pH Units |       | 5.0-12.5      |         |
| 8/2/2013  | ML 080213-C1149 | INDUSTRY | Field       | pH        | 7.04    | pH Units |       | 5.0-12.5      |         |
| 9/4/2013  | ML 090413-C1160 | INDUSTRY | Field       | pH        | 7.74    | pH Units |       | 5.0-12.5      |         |
| 10/1/2013 | 1310001         | IEUA     | Field       | pH        | 7       | pH Units |       | 5.0-12.5      |         |
| 10/4/2013 | ML 100413-C1171 | INDUSTRY | Field       | pH        | 7.70    | pH Units |       | 5.0-12.5      |         |
| 11/8/2013 | ML 110813-C1183 | INDUSTRY | Field       | pH        | 7.74    | pH Units |       | 5.0-12.5      |         |
| 12/5/2013 | ML 120513-C1192 | INDUSTRY | Field       | pH        | 7.25    | pH Units |       | 5.0-12.5      |         |
| 1/9/2014  | ML 010914-C1202 | INDUSTRY | Field       | pH        | 7.26    | pH Units |       | 5.0-12.5      |         |
| 2/6/2014  | ML 020614-C1213 | INDUSTRY | Field       | pH        | 6.71    | pH Units |       | 5.0-12.5      |         |
| 3/6/2014  | ML 030614-C1225 | INDUSTRY | Field       | pH        | 7.65    | pH Units |       | 5.0-12.5      |         |
| 4/1/2014  | 1404003         | IEUA     | Field       | pH        | 7.59    | pH Units |       | 5.0-12.5      |         |
| 4/3/2014  | ML 040314-C1237 | INDUSTRY | Field       | pH        | 7.43    | pH Units |       | 5.0-12.5      |         |
| 5/8/2014  | ML 050814-C1249 | INDUSTRY | Field       | pH        | 7.72    | pH Units |       | 5.0-12.5      |         |
| 6/4/2014  | ML 060414-C1260 | INDUSTRY | Field       | pH        | 8.72    | pH Units |       | 5.0-12.5      |         |
| 10/1/2013 | 1310001         | IEUA     | C           | Se        | < 0.02  | mg/L     |       |               |         |
| 3/31/2014 | 1404003         | IEUA     | C           | Se        | <0.02   | mg/L     |       |               |         |
| 7/2/2013  | ML 070213-C1139 | INDUSTRY | C           | TDS       | 279     | mg/L     |       | 550           |         |
| 8/2/2013  | ML 080213-C1149 | INDUSTRY | C           | TDS       | 409     | mg/L     |       | 550           |         |
| 9/4/2013  | ML 090413-C1160 | INDUSTRY | C           | TDS       | 270     | mg/L     |       | 550           |         |
| 10/1/2013 | 1310001         | IEUA     | C           | TDS       | 294     | mg/L     |       |               |         |
| 10/4/2013 | ML 100413-C1171 | INDUSTRY | C           | TDS       | 351     | mg/L     |       | 550           |         |
| 11/8/2013 | ML 110813-C1183 | INDUSTRY | C           | TDS       | 309     | mg/L     |       | 550           |         |
| 12/5/2013 | ML 120513-C1192 | INDUSTRY | C           | TDS       | 247     | mg/L     |       | 550           |         |
| 1/9/2014  | ML 010914-C1202 | INDUSTRY | C           | TDS       | 421     | mg/L     |       | 550           |         |
| 2/6/2014  | ML 020614-C1213 | INDUSTRY | C           | TDS       | 252     | mg/L     |       | 550           |         |
| 3/6/2014  | ML 030614-C1225 | INDUSTRY | C           | TDS       | 276     | mg/L     |       | 550           |         |

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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> |
| 4/1/2014        | 1404003           | IEUA           | C                  | TDS                     | 302           | mg/L         |                      | 550                         |
| 7/2/2013        | ML 070213-C1139   | INDUSTRY       | Field              | Temp                    | 26.8          | °C           |                      | 60                          |
| 8/2/2013        | ML 080213-C1149   | INDUSTRY       | Field              | Temp                    | 25.1          | °C           |                      | 60                          |
| 9/4/2013        | ML 090413-C1160   | INDUSTRY       | Field              | Temp                    | 25.0          | °C           |                      | 60                          |
| 10/1/2013       | 1310001           | IEUA           | Field              | Temp                    | 19.1          | °C           |                      | 60                          |
| 10/4/2013       | ML 100413-C1171   | INDUSTRY       | Field              | Temp                    | 25            | °C           |                      | 60                          |
| 11/8/2013       | ML 110813-C1183   | INDUSTRY       | Field              | Temp                    | 30            | °C           |                      | 60                          |
| 12/5/2013       | ML 120513-C1192   | INDUSTRY       | Field              | Temp                    | 24.2          | °C           |                      | 60                          |
| 1/9/2014        | ML 010914-C1202   | INDUSTRY       | Field              | Temp                    | 24.3          | °C           |                      | 60                          |
| 2/6/2014        | ML 020614-C1213   | INDUSTRY       | Field              | Temp                    | 23.7          | °C           |                      | 60                          |
| 3/6/2014        | ML 030614-C1225   | INDUSTRY       | Field              | Temp                    | 23.4          | °C           |                      | 60                          |
| 4/1/2014        | 1404003           | IEUA           | Field              | Temp                    | 24.2          | °C           |                      | 60                          |
| 4/3/2014        | ML 040314-C1237   | INDUSTRY       | Field              | Temp                    | 25            | °C           |                      | 60                          |
| 5/8/2014        | ML 050814-C1249   | INDUSTRY       | Field              | Temp                    | 25.0          | °C           |                      | 60                          |
| 6/4/2014        | ML 060414-C1260   | INDUSTRY       | Field              | Temp                    | 25.0          | °C           |                      | 60                          |
| 9/30/2013       | Flow              | IU Flow Rpt    | Metered            | Total Gallons per Month | 38932         | Gallons      |                      |                             |
| 11/30/2013      |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 39706         | Gallons      |                      |                             |
| 1/31/2014       |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 41349         | Gallons      |                      |                             |
| 2/28/2014       |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 50849         | Gallons      |                      |                             |
| 3/31/2014       |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 38848         | Gallons      |                      |                             |
| 4/30/2014       |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 32586         | Gallons      |                      |                             |
| 5/31/2014       |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 30456         | Gallons      |                      |                             |
| 6/30/2014       |                   | IU Flow Rpt    | Metered            | Total Gallons per Month | 43938         | Gallons      |                      |                             |
| 10/1/2013       | 1310001           | IEUA           | Field              | TS                      | <0.1          | mg/L         |                      |                             |
| 4/1/2014        | 1404003           | IEUA           | Field              | TS                      | <0.1          | mg/L         |                      |                             |
| 10/1/2013       | 1310001           | IEUA           | C                  | TSS                     | 4             | mg/L         |                      |                             |
| 1/9/2014        | ML 010914-C1202   | INDUSTRY       | C                  | TSS                     | 21            | mg/L         |                      |                             |
| 4/1/2014        | 1404003           | IEUA           | C                  | TSS                     | 5             | mg/L         |                      |                             |

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09/17/2013

| <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> |
| 9/4/2013        | ML 090413-C1160   | INDUSTRY       | C                  | Zn               | 0.230         | mg/L         |                      | 2.89         | 1.10           |
| 10/1/2013       | 1310001           | IEUA           | C                  | Zn               | 0.06          | mg/L         |                      |              |                |
| 1/9/2014        | ML 010914-C1202   | INDUSTRY       | C                  | Zn               | 1.54552       | mg/L         |                      | 5.74         | 2.18           |
| 3/31/2014       | 1404003           | IEUA           | C                  | Zn               | 0.05          | mg/L         |                      | 5.74         | 2.18           |

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1/23/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|-----------|--------|-------|-------|---------------|---------|
|            |                  |          |             |           |        |       |       | Daily         | Monthly |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | C           | Ag        | <0.010 | mg/L  |       | 0.43          | 0.24    |
| 9/27/2013  | 1309344          | IEUA     | C           | Ag        | < 0.01 | mg/L  |       | 0.43          | 0.24    |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | C           | Ag        | <0.010 | mg/L  |       | 0.43          | 0.24    |
| 11/20/2013 | 1311244          | IEUA     | C           | Ag        | < 0.01 | mg/L  |       | 0.43          | 0.24    |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | C           | Ag        | <0.010 | mg/L  |       | 0.43          | 0.24    |
| 3/27/2014  | 1403355          | IEUA     | C           | Ag        | < 0.01 | mg/L  |       | 0.43          | 0.24    |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | C           | Ag        | <0.010 | mg/L  |       | 0.43          | 0.24    |
| 9/27/2013  | 1309344          | IEUA     | C           | As        | < 0.01 | mg/L  |       |               |         |
| 11/20/2013 | 1311244          | IEUA     | C           | As        | < 0.01 | mg/L  |       |               |         |
| 3/27/2014  | 1403355          | IEUA     | C           | As        | < 0.01 | mg/L  |       |               |         |
| 9/27/2013  | 1309344          | IEUA     | C           | Ba        | 0.04   | mg/L  |       |               |         |
| 11/20/2013 | 1311244          | IEUA     | C           | Ba        | 0.03   | mg/L  |       |               |         |
| 3/27/2014  | 1403355          | IEUA     | C           | Ba        | 0.04   | mg/L  |       |               |         |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | C           | BOD5      | <10    | mg/L  |       |               |         |
| 9/27/2013  | 1309344          | IEUA     | C           | BOD5      | 12     | mg/L  |       |               |         |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | C           | BOD5      | <5     | mg/L  |       |               |         |
| 11/19/2013 | 1311244          | IEUA     | C           | BOD5      | 6      | mg/L  |       |               |         |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | C           | BOD5      | 17     | mg/L  |       |               |         |
| 3/27/2014  | 1403355          | IEUA     | C           | BOD5      | 6      | mg/L  |       |               |         |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | C           | BOD5      | <20    | mg/L  |       |               |         |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | C           | Cd        | <0.002 | mg/L  |       | 0.11          | 0.07    |
| 9/27/2013  | 1309344          | IEUA     | C           | Cd        | < 0.01 | mg/L  |       | 0.11          | 0.07    |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | C           | Cd        | <0.002 | mg/L  |       | 0.11          | 0.07    |
| 11/20/2013 | 1311244          | IEUA     | C           | Cd        | < 0.01 | mg/L  |       | 0.11          | 0.07    |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | C           | Cd        | <0.002 | mg/L  |       | 0.11          | 0.07    |
| 3/27/2014  | 1403355          | IEUA     | C           | Cd        | < 0.01 | mg/L  |       | 0.11          | 0.07    |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | C           | Cd        | 0.0022 | mg/L  |       | 0.11          | 0.07    |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | G           | CN        | <0.005 | mg/L  |       | 1.2           | 0.65    |

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10/25/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result  | Units | Permit Limits |       |         |
|------------|------------------|----------|-------------|-----------|---------|-------|---------------|-------|---------|
|            |                  |          |             |           |         |       | In NC         | Daily | Monthly |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | G           | CN        | <0.005  | mg/L  |               | 1.2   | 0.65    |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | G           | CN        | <0.005  | mg/L  |               | 1.2   | 0.65    |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | G           | CN        | <0.005  | mg/L  |               | 1.2   | 0.65    |
| 9/27/2013  | 1309344          | IEUA     | G           | CN, Total | < 0.005 | mg/L  |               |       |         |
| 11/20/2013 | 1311244          | IEUA     | G           | CN, Total | 0.007   | mg/L  |               |       |         |
| 3/27/2014  | 1403355          | IEUA     | G           | CN, Total | < 0.005 | mg/L  |               |       |         |
| 5/20/2014  | 1405247          | IEUA     | G           | CN, Total | < 0.005 | mg/L  |               |       |         |
| 9/27/2013  | 1309344          | IEUA     | C           | Co        | < 0.01  | mg/L  |               |       |         |
| 11/20/2013 | 1311244          | IEUA     | C           | Co        | < 0.01  | mg/L  |               |       |         |
| 3/27/2014  | 1403355          | IEUA     | C           | Co        | < 0.01  | mg/L  |               |       |         |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | C           | Cr        | <0.020  | mg/L  |               | 2.77  | 1.71    |
| 9/27/2013  | 1309344          | IEUA     | C           | Cr        | < 0.01  | mg/L  |               | 2.77  | 1.71    |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | C           | Cr        | <0.020  | mg/L  |               | 2.77  | 1.71    |
| 11/20/2013 | 1311244          | IEUA     | C           | Cr        | < 0.01  | mg/L  |               | 2.77  | 1.71    |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | C           | Cr        | <0.020  | mg/L  |               | 2.77  | 1.71    |
| 3/27/2014  | 1403355          | IEUA     | C           | Cr        | < 0.01  | mg/L  |               | 2.77  | 1.71    |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | C           | Cr        | <0.020  | mg/L  |               | 2.77  | 1.71    |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | C           | Cu        | 0.011   | mg/L  |               | 3.38  | 2.07    |
| 9/27/2013  | 1309344          | IEUA     | C           | Cu        | < 0.02  | mg/L  |               | 3.38  | 2.07    |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | C           | Cu        | <0.010  | mg/L  |               | 3.38  | 2.07    |
| 11/20/2013 | 1311244          | IEUA     | C           | Cu        | < 0.02  | mg/L  |               | 3.38  | 2.07    |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | C           | Cu        | 0.053   | mg/L  |               | 3.38  | 2.07    |
| 3/27/2014  | 1403355          | IEUA     | C           | Cu        | < 0.02  | mg/L  |               | 3.38  | 2.07    |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | C           | Cu        | <0.010  | mg/L  |               | 3.38  | 2.07    |
| 9/27/2013  | 1309344          | IEUA     | Field       | DS        | <0.1    | mg/L  |               |       |         |
| 11/20/2013 | 1311244          | IEUA     | Field       | DS        | <0.1    | mg/L  |               |       |         |
| 3/27/2014  | 1403355          | IEUA     | Field       | DS        | <0.1    | mg/L  |               |       |         |
| 4/16/2014  | 1404224          | IEUA     | Field       | DS        | <0.1    | mg/L  |               |       |         |

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| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result | Units    | Permit Limits |           |
|------------|------------------|----------|-------------|-----------|--------|----------|---------------|-----------|
|            |                  |          |             |           |        |          | In NC         | Daily     |
| 5/20/2014  | 1405247          | IEUA     | Field       | DS        | <0.1   | mg/L     |               |           |
| 9/27/2013  | 1309344          | IEUA     | C           | Fe        | 0.24   | mg/L     |               |           |
| 11/20/2013 | 1311244          | IEUA     | C           | Fe        | 0.28   | mg/L     |               |           |
| 3/27/2014  | 1403355          | IEUA     | C           | Fe        | 0.32   | mg/L     |               |           |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | Metered     | Flow-T    | 3000   | gpd      |               | 5000      |
| 9/27/2013  | 1309344          | IEUA     | C           | Mn        | < 0.02 | mg/L     |               |           |
| 11/20/2013 | 1311244          | IEUA     | C           | Mn        | < 0.02 | mg/L     |               |           |
| 3/27/2014  | 1403355          | IEUA     | C           | Mn        | < 0.02 | mg/L     |               |           |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | C           | Ni        | <0.020 | mg/L     |               | 3.98 2.38 |
| 9/27/2013  | 1309344          | IEUA     | C           | Ni        | < 0.01 | mg/L     |               | 3.98 2.38 |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | C           | Ni        | <0.020 | mg/L     |               | 3.98 2.38 |
| 11/20/2013 | 1311244          | IEUA     | C           | Ni        | < 0.01 | mg/L     |               | 3.98 2.38 |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | C           | Ni        | 0.051  | mg/L     |               | 3.98 2.38 |
| 3/27/2014  | 1403355          | IEUA     | C           | Ni        | < 0.01 | mg/L     |               | 3.98 2.38 |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | C           | Ni        | <0.020 | mg/L     |               | 3.98 2.38 |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | C           | Pb        | <0.010 | mg/L     |               | 0.69 0.43 |
| 9/27/2013  | 1309344          | IEUA     | C           | Pb        | < 0.02 | mg/L     |               | 0.69 0.43 |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | C           | Pb        | <0.010 | mg/L     |               | 0.69 0.43 |
| 11/20/2013 | 1311244          | IEUA     | C           | Pb        | < 0.02 | mg/L     |               | 0.69 0.43 |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | C           | Pb        | <0.010 | mg/L     |               | 0.69 0.43 |
| 3/27/2014  | 1403355          | IEUA     | C           | Pb        | < 0.02 | mg/L     |               | 0.69 0.43 |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | C           | Pb        | <0.010 | mg/L     |               | 0.69 0.43 |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | Field       | pH        | 6.8    | pH Units |               | 5-12.5    |
| 9/27/2013  | 1309344          | IEUA     | Field       | pH        | 7.24   | pH Units |               | 5-12.5    |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | Field       | pH        | 7.2    | pH Units |               | 5-12.5    |
| 11/20/2013 | 1311244          | IEUA     | Field       | pH        | 7.80   | pH Units |               | 5-12.5    |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | Field       | pH        | 7.4    | pH Units |               | 5-12.5    |
| 3/27/2014  | 1403355          | IEUA     | Field       | pH        | 7.86   | pH Units |               | 5-12.5    |

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| Sampled:   | Sample ID:       | Source:   | Sample Type | Parameter | Result | Units    | In NC     | Permit Limits |         |
|------------|------------------|-----------|-------------|-----------|--------|----------|-----------|---------------|---------|
|            |                  |           |             |           |        |          |           | Daily         | Monthly |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY  | Field       | pH        | 7.53   | pH Units |           | 5-12.5        |         |
| 4/16/2014  | 1404224          | IEUA      | Field       | pH        | 7.58   | pH Units |           | 5-12.5        |         |
| 5/20/2014  | 1405247          | IEUA      | Field       | pH        | 7.38   | pH Units |           | 5-12.5        |         |
| 9/27/2013  | 1309344          | IEUA      | C           | Se        | < 0.02 | mg/L     |           |               |         |
| 11/20/2013 | 1311244          | IEUA      | C           | Se        | < 0.02 | mg/L     |           |               |         |
| 3/27/2014  | 1403355          | IEUA      | C           | Se        | < 0.02 | mg/L     |           |               |         |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY  | C           | TDS       | 230    | mg/L     |           | 800           |         |
| 9/27/2013  | 1309344          | IEUA      | C           | TDS       | 284    | mg/L     |           | 800           |         |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY  | C           | TDS       | 240    | mg/L     |           | 800           |         |
| 11/20/2013 | 1311244          | IEUA      | C           | TDS       | 250    | mg/L     |           | 800           |         |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY  | C           | TDS       | 16000  | mg/L     | <b>NC</b> | 800           |         |
| 3/27/2014  | 1403355          | IEUA      | C           | TDS       | 244    | mg/L     |           | 800           |         |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY  | C           | TDS       | 250    | mg/L     |           | 800           |         |
| 5/6/2014   | ESB B4E0556-01   | NC sample | C           | TDS       | 250    | mg/L     |           | 800           |         |
| 5/14/2014  | ESB B4E1477-01   | NC sample | C           | TDS       | 230    | mg/L     |           | 800           |         |
| 5/22/2014  | ESB B4E2259-01   | NC sample | C           | TDS       | 300    | mg/L     |           | 800           |         |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY  | Field       | Temp      | 33     | °C       |           | 60            |         |
| 9/27/2013  | 1309344          | IEUA      | Field       | Temp      | 24.3   | °C       |           | 60            |         |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY  | Field       | Temp      | 24     | °C       |           | 60            |         |
| 11/20/2013 | 1311244          | IEUA      | Field       | Temp      | 22.2   | °C       |           | 60            |         |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY  | Field       | Temp      | 27     | °C       |           | 60            |         |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY  | Field       | Temp      | 26.3   | °C       |           | 60            |         |
| 4/16/2014  | 1404224          | IEUA      | Field       | Temp      | 28.4   | °C       |           | 60            |         |
| 5/20/2014  | 1405247          | IEUA      | Field       | Temp      | 29.4   | °C       |           | 60            |         |
| 9/27/2013  | 1309344          | IEUA      | Field       | TS        | <0.1   | mg/L     |           |               |         |
| 11/20/2013 | 1311244          | IEUA      | Field       | TS        | <0.1   | mg/L     |           |               |         |
| 3/27/2014  | 1403355          | IEUA      | Field       | TS        | 22.1   | mg/L     |           |               |         |
| 4/16/2014  | 1404224          | IEUA      | Field       | TS        | <0.1   | mg/L     |           |               |         |

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| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result | Units | Permit Limits |       |         |
|------------|------------------|----------|-------------|-----------|--------|-------|---------------|-------|---------|
|            |                  |          |             |           |        |       | In NC         | Daily | Monthly |
| 5/20/2014  | 1405247          | IEUA     | Field       | TS        | <0.1   | mg/L  |               |       |         |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | C           | TSS       | 5      | mg/L  |               |       |         |
| 9/27/2013  | 1309344          | IEUA     | C           | TSS       | 5      | mg/L  |               |       |         |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | C           | TSS       | <5     | mg/L  |               |       |         |
| 11/19/2013 | 1311244          | IEUA     | C           | TSS       | 11     | mg/L  |               |       |         |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | C           | TSS       | 15     | mg/L  |               |       |         |
| 3/27/2014  | 1403355          | IEUA     | C           | TSS       | 3      | mg/L  |               |       |         |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | C           | TSS       | <5     | mg/L  |               |       |         |
| 3/27/2014  | 1403355          | IEUA     | C           | VSS       | < 4    | mg/L  |               |       |         |
| 7/23/2013  | ESB B3G2218-01,  | INDUSTRY | C           | Zn        | 0.100  | mg/L  |               | 2.61  | 1.48    |
| 9/27/2013  | 1309344          | IEUA     | C           | Zn        | 0.33   | mg/L  |               | 2.61  | 1.48    |
| 10/25/2013 | ESB B3J2481-01,0 | INDUSTRY | C           | Zn        | 0.110  | mg/L  |               | 2.61  | 1.48    |
| 11/20/2013 | 1311244          | IEUA     | C           | Zn        | 0.29   | mg/L  |               | 2.61  | 1.48    |
| 1/15/2014  | ESB B4A1334-01,  | INDUSTRY | C           | Zn        | 0.160  | mg/L  |               | 2.61  | 1.48    |
| 3/27/2014  | 1403355          | IEUA     | C           | Zn        | 0.24   | mg/L  |               | 2.61  | 1.48    |
| 4/15/2014  | ESB B4D1584-01,  | INDUSTRY | C           | Zn        | 0.140  | mg/L  |               | 2.61  | 1.48    |

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10/20/13

| Sampled:  | Sample ID:   | Source:  | Sample Type | Parameter             | Result  | Units    | Permit Limits |               |
|-----------|--------------|----------|-------------|-----------------------|---------|----------|---------------|---------------|
|           |              |          |             |                       |         |          | In NC         | Daily Monthly |
| 10/1/2013 | 1310001      | IEUA     | C           | Ag                    | < 0.01  | mg/L     |               |               |
|           |              | IEUA     | C           | As                    | < 0.01  | mg/L     |               |               |
|           |              | IEUA     | C           | Ba                    | 0.06    | mg/L     |               |               |
| 8/13/2013 | WAL 13080150 | INDUSTRY | C           | BOD5                  | 44      | mg/L     |               |               |
| 10/1/2013 | 1310001      | IEUA     | C           | BOD5                  | 56      | mg/L     |               |               |
| 1/21/2014 | 1401264      | IEUA     | C           | BOD5                  | 50      | mg/L     |               |               |
| 2/13/2014 | WAL 14020126 | INDUSTRY | C           | BOD5                  | 42      | mg/L     |               |               |
| 10/1/2013 | 1310001      | IEUA     | C           | Cd                    | < 0.01  | mg/L     |               |               |
|           |              | IEUA     | G           | CN, Total             | < 0.005 | mg/L     |               |               |
|           |              | IEUA     | C           | Co                    | < 0.01  | mg/L     |               |               |
|           |              | IEUA     | C           | Cr                    | 0.01    | mg/L     |               |               |
|           |              | IEUA     | C           | Cu                    | 0.11    | mg/L     |               |               |
|           |              | IEUA     | Field       | DS                    | <0.1    | mg/L     |               |               |
| 1/21/2014 | 1401264      | IEUA     | Field       | DS                    | <0.1    | mg/L     |               |               |
| 10/1/2013 | 1310001      | IEUA     | C           | Fe                    | 0.74    | mg/L     |               |               |
| 8/13/2013 | WAL 13080150 | INDUSTRY | Metered     | Flow-T                | 6000    | gpd      |               | 8805          |
| 2/13/2014 | WAL 14020126 | INDUSTRY | Metered     | Flow-T                | 7500    | gpd      |               | 8805          |
| 10/1/2013 | 1310001      | IEUA     | C           | Mn                    | 0.02    | mg/L     |               |               |
|           |              | IEUA     | C           | Ni                    | 0.14    | mg/L     |               |               |
| 8/13/2013 | WAL 13080150 | INDUSTRY | G           | Oil and Grease, Total | 20      | mg/L     |               | 95            |
| 10/1/2013 | 1310001      | IEUA     | G           | Oil and Grease, Total | 8       | mg/L     |               | 95            |
| 1/21/2014 | 1401264      | IEUA     | G           | Oil and Grease, Total | 11      | mg/L     |               | 95            |
| 2/13/2014 | WAL 14020126 | INDUSTRY | G           | Oil and Grease, Total | 7       | mg/L     |               | 95            |
| 10/1/2013 | 1310001      | IEUA     | C           | Pb                    | < 0.02  | mg/L     |               |               |
| 8/13/2013 | WAL 13080150 | INDUSTRY | Field       | pH                    | 8.3     | pH Units |               | 5.0 - 12.5    |
| 10/1/2013 | 1310001      | IEUA     | Field       | pH                    | 7.36    | pH Units |               | 5.0 - 12.5    |
| 1/21/2014 | 1401264      | IEUA     | Field       | pH                    | 7.87    | pH Units |               | 5.0 - 12.5    |
| 2/12/2014 | WAL 14020126 | INDUSTRY | Field       | pH                    | 8.3     | pH Units |               | 5.0 - 12.5    |

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10/13/2013

| <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> |
| 10/1/2013       | 1310001           | IEUA           | C                  | Se               | < 0.02        | mg/L         |                      |                             |
| 8/13/2013       | WAL 13080150      | INDUSTRY       | C                  | TDS              | 204           | mg/L         |                      | 800                         |
| 10/1/2013       | 1310001           | IEUA           | C                  | TDS              | 280           | mg/L         |                      | 800                         |
| 1/21/2014       | 1401264           | IEUA           | C                  | TDS              | 302           | mg/L         |                      | 800                         |
| 2/13/2014       | WAL 14020126      | INDUSTRY       | C                  | TDS              | 130           | mg/L         |                      | 800                         |
| 10/1/2013       | 1310001           | IEUA           | Field              | Temp             | 24.5          | °C           |                      |                             |
| 1/21/2014       | 1401264           | IEUA           | Field              | Temp             | 24.3          | °C           |                      |                             |
| 10/1/2013       | 1310001           | IEUA           | Field              | TS               | <0.1          | mg/L         |                      |                             |
| 1/21/2014       | 1401264           | IEUA           | Field              | TS               | <0.1          | mg/L         |                      |                             |
| 8/13/2013       | WAL 13080150      | INDUSTRY       | C                  | TSS              | 13            | mg/L         |                      |                             |
| 10/1/2013       | 1310001           | IEUA           | C                  | TSS              | 218           | mg/L         |                      |                             |
| 1/21/2014       | 1401264           | IEUA           | C                  | TSS              | 34            | mg/L         |                      |                             |
| 2/13/2014       | WAL 14020126      | INDUSTRY       | C                  | TSS              | 17            | mg/L         |                      |                             |
| 10/1/2013       | 1310001           | IEUA           | C                  | Zn               | 0.25          | mg/L         |                      |                             |

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09/26/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result  | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|-----------|---------|-------|-------|---------------|---------|
|            |                  |          |             |           |         |       |       | Daily         | Monthly |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | C           | Ag        | <0.010  | mg/L  |       | 0.43          | 0.24    |
| 9/26/2013  | 1309328          | IEUA     | C           | Ag        | < 0.01  | mg/L  |       | 0.43          | 0.24    |
| 11/26/2013 | 1311316          | IEUA     | C           | Ag        | < 0.01  | mg/L  |       | 0.43          | 0.24    |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | C           | Ag        | <0.01   | mg/L  |       | 0.43          | 0.24    |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | Ag        | <0.010  | mg/L  |       | 0.43          | 0.24    |
| 3/25/2014  | 1403321          | IEUA     | C           | Ag        | < 0.01  | mg/L  |       | 0.43          | 0.24    |
| 4/8/2014   | 1404098          | IEUA     | C           | Ag        | < 0.01  | mg/L  |       | 0.43          | 0.24    |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | C           | Ag        | <0.010  | mg/L  |       | 0.43          | 0.24    |
| 9/26/2013  | 1309328          | IEUA     | C           | As        | < 0.01  | mg/L  |       |               |         |
| 11/26/2013 | 1311316          | IEUA     | C           | As        | < 0.01  | mg/L  |       |               |         |
| 3/25/2014  | 1403321          | IEUA     | C           | As        | < 0.01  | mg/L  |       |               |         |
| 4/8/2014   | 1404098          | IEUA     | C           | As        | 0.03    | mg/L  |       |               |         |
| 9/26/2013  | 1309328          | IEUA     | C           | Ba        | < 0.01  | mg/L  |       |               |         |
| 11/26/2013 | 1311316          | IEUA     | C           | Ba        | < 0.01  | mg/L  |       |               |         |
| 3/25/2014  | 1403321          | IEUA     | C           | Ba        | < 0.01  | mg/L  |       |               |         |
| 4/8/2014   | 1404098          | IEUA     | C           | Ba        | 0.02    | mg/L  |       |               |         |
| 9/26/2013  | 1309328          | IEUA     | C           | BOD5      | 99      | mg/L  |       |               |         |
| 11/26/2013 | 1311316          | IEUA     | C           | BOD5      | 29      | mg/L  |       |               |         |
| 2/14/2014  | ESB B4B1423-01   | INDUSTRY | C           | BOD5      | 70      | mg/L  |       |               |         |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | BOD5      | 64      | mg/L  |       |               |         |
| 3/25/2014  | 1403321          | IEUA     | C           | BOD5      | 92      | mg/L  |       |               |         |
| 4/8/2014   | 1404098          | IEUA     | C           | BOD5      | 160     | mg/L  |       |               |         |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | C           | Cd        | <0.002  | mg/L  |       | 0.11          | 0.07    |
| 9/26/2013  | 1309328          | IEUA     | C           | Cd        | < 0.01  | mg/L  |       | 0.11          | 0.07    |
| 11/26/2013 | 1311316          | IEUA     | C           | Cd        | < 0.01  | mg/L  |       | 0.11          | 0.07    |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | C           | Cd        | <.002   | mg/L  |       | 0.11          | 0.07    |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | Cd        | <0.0020 | mg/L  |       | 0.11          | 0.07    |
| 3/25/2014  | 1403321          | IEUA     | C           | Cd        | < 0.01  | mg/L  |       | 0.11          | 0.07    |

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 C = Composite Sample G = Grab Sample Field = Parameter Analyzed in Field

4/10/2014

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result  | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|-----------|---------|-------|-------|---------------|---------|
|            |                  |          |             |           |         |       |       | Daily         | Monthly |
| 4/8/2014   | 1404098          | IEUA     | C           | Cd        | < 0.01  | mg/L  |       | 0.11          | 0.07    |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | C           | Cd        | <0.0020 | mg/L  |       | 0.11          | 0.07    |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | G           | CN        | <0.005  | mg/L  |       | 1.20          | 0.65    |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | G           | CN        | <0.005  | mg/L  |       | 1.20          | 0.65    |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | G           | CN        | <0.005  | mg/L  |       | 1.20          | 0.65    |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | G           | CN        | <0.005  | mg/L  |       | 1.20          | 0.65    |
| 9/26/2013  | 1309328          | IEUA     | G           | CN, Total | < 0.005 | mg/L  |       |               |         |
| 4/8/2014   | 1404098          | IEUA     | G           | CN, Total | < 0.005 | mg/L  |       |               |         |
| 9/26/2013  | 1309328          | IEUA     | C           | Co        | < 0.01  | mg/L  |       |               |         |
| 11/26/2013 | 1311316          | IEUA     | C           | Co        | < 0.01  | mg/L  |       |               |         |
| 3/25/2014  | 1403321          | IEUA     | C           | Co        | < 0.01  | mg/L  |       |               |         |
| 4/8/2014   | 1404098          | IEUA     | C           | Co        | < 0.01  | mg/L  |       |               |         |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | C           | Cr        | <0.020  | mg/L  |       | 2.77          | 1.71    |
| 9/26/2013  | 1309328          | IEUA     | C           | Cr        | < 0.01  | mg/L  |       | 2.77          | 1.71    |
| 11/26/2013 | 1311316          | IEUA     | C           | Cr        | < 0.01  | mg/L  |       | 2.77          | 1.71    |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | C           | Cr        | <0.02   | mg/L  |       | 2.77          | 1.71    |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | Cr        | <0.020  | mg/L  |       | 2.77          | 1.71    |
| 3/25/2014  | 1403321          | IEUA     | C           | Cr        | < 0.01  | mg/L  |       | 2.77          | 1.71    |
| 4/8/2014   | 1404098          | IEUA     | C           | Cr        | < 0.01  | mg/L  |       | 2.77          | 1.71    |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | C           | Cr        | <0.020  | mg/L  |       | 2.77          | 1.71    |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | C           | Cu        | <0.010  | mg/L  |       | 3.38          | 2.07    |
| 9/26/2013  | 1309328          | IEUA     | C           | Cu        | 0.02    | mg/L  |       | 3.38          | 2.07    |
| 11/26/2013 | 1311316          | IEUA     | C           | Cu        | 0.04    | mg/L  |       | 3.38          | 2.07    |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | C           | Cu        | 0.029   | mg/L  |       | 3.38          | 2.07    |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | Cu        | 0.010   | mg/L  |       | 3.38          | 2.07    |
| 3/25/2014  | 1403321          | IEUA     | C           | Cu        | < 0.02  | mg/L  |       | 3.38          | 2.07    |
| 4/8/2014   | 1404098          | IEUA     | C           | Cu        | < 0.02  | mg/L  |       | 3.38          | 2.07    |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | C           | Cu        | 0.017   | mg/L  |       | 3.38          | 2.07    |

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03/20/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter             | Result | Units | Permit Limits |           |
|------------|------------------|----------|-------------|-----------------------|--------|-------|---------------|-----------|
|            |                  |          |             |                       |        |       | In NC         | Daily     |
| 9/26/2013  | 1309328          | IEUA     | Field       | DS                    | <0.1   | mg/L  |               |           |
| 11/26/2013 | 1311316          | IEUA     | Field       | DS                    | <0.1   | mg/L  |               |           |
| 3/25/2014  | 1403321          | IEUA     | Field       | DS                    | <0.1   | mg/L  |               |           |
| 4/8/2014   | 1404098          | IEUA     | Field       | DS                    | <0.1   | mg/L  |               |           |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | C           | F                     | 0.7    | mg/L  |               |           |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | C           | F                     | 0.4    | mg/L  |               |           |
| 9/26/2013  | 1309328          | IEUA     | C           | Fe                    | < 0.15 | mg/L  |               |           |
| 11/26/2013 | 1311316          | IEUA     | C           | Fe                    | < 0.15 | mg/L  |               |           |
| 3/25/2014  | 1403321          | IEUA     | C           | Fe                    | < 0.15 | mg/L  |               |           |
| 4/8/2014   | 1404098          | IEUA     | C           | Fe                    | < 0.15 | mg/L  |               |           |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | Metered     | Flow-T                | 659    | gpd   |               | 4320      |
| 2/14/2014  | ESB B4B1423-01   | INDUSTRY | Metered     | Flow-T                | 1100   | gpd   |               | 4320      |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | Metered     | Flow-T                | 1098   | gpd   |               | 4320      |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | Metered     | Flow-T                | 417    | gpd   |               | 4320      |
| 9/26/2013  | 1309328          | IEUA     | C           | Mn                    | < 0.02 | mg/L  |               |           |
| 11/26/2013 | 1311316          | IEUA     | C           | Mn                    | < 0.02 | mg/L  |               |           |
| 3/25/2014  | 1403321          | IEUA     | C           | Mn                    | < 0.02 | mg/L  |               |           |
| 4/8/2014   | 1404098          | IEUA     | C           | Mn                    | < 0.02 | mg/L  |               |           |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | C           | Ni                    | <0.020 | mg/L  |               | 3.98 2.38 |
| 9/26/2013  | 1309328          | IEUA     | C           | Ni                    | < 0.01 | mg/L  |               | 3.98 2.38 |
| 11/26/2013 | 1311316          | IEUA     | C           | Ni                    | 0.01   | mg/L  |               | 3.98 2.38 |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | C           | Ni                    | 0.026  | mg/L  |               | 3.98 2.38 |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | Ni                    | <0.020 | mg/L  |               | 3.98 2.38 |
| 3/25/2014  | 1403321          | IEUA     | C           | Ni                    | < 0.01 | mg/L  |               | 3.98 2.38 |
| 4/8/2014   | 1404098          | IEUA     | C           | Ni                    | < 0.01 | mg/L  |               | 3.98 2.38 |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | C           | Ni                    | <0.020 | mg/L  |               | 3.98 2.38 |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | G           | Oil and Grease, Total | 5.2    | mg/L  |               | 100       |
| 9/26/2013  | 1309328          | IEUA     | G           | Oil and Grease, Total | < 4    | mg/L  |               | 100       |

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12/11/2013

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter             | Result | Units    | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|-----------------------|--------|----------|-------|---------------|---------|
|            |                  |          |             |                       |        |          |       | Daily         | Monthly |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | G           | Oil and Grease, Total | <4.8   | mg/L     |       | 100           |         |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | G           | Oil and Grease, Total | <4.8   | mg/L     |       | 100           |         |
| 4/8/2014   | 1404098          | IEUA     | G           | Oil and Grease, Total | <4     | mg/L     |       | 100           |         |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | G           | Oil and Grease, Total | <4.9   | mg/L     |       | 100           |         |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | C           | Pb                    | <0.010 | mg/L     |       | 0.69          | 0.43    |
| 9/26/2013  | 1309328          | IEUA     | C           | Pb                    | < 0.02 | mg/L     |       | 0.69          | 0.43    |
| 11/26/2013 | 1311316          | IEUA     | C           | Pb                    | < 0.02 | mg/L     |       | 0.69          | 0.43    |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | C           | Pb                    | <0.01  | mg/L     |       | 0.69          | 0.43    |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | Pb                    | <0.010 | mg/L     |       | 0.69          | 0.43    |
| 3/25/2014  | 1403321          | IEUA     | C           | Pb                    | < 0.02 | mg/L     |       | 0.69          | 0.43    |
| 4/8/2014   | 1404098          | IEUA     | C           | Pb                    | < 0.02 | mg/L     |       | 0.69          | 0.43    |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | C           | Pb                    | <0.010 | mg/L     |       | 0.69          | 0.43    |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | Field       | pH                    | 7.2    | pH Units |       | 5-12.5        |         |
| 9/26/2013  | 1309328          | IEUA     | Field       | pH                    | 7.41   | pH Units |       | 5-12.5        |         |
| 11/26/2013 | 1311316          | IEUA     | Field       | pH                    | 7.80   | pH Units |       | 5-12.5        |         |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | Field       | pH                    | 7.3    | pH Units |       | 5-12.5        |         |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | Field       | pH                    | 7.34   | pH Units |       | 5-12.5        |         |
| 3/25/2014  | 1403321          | IEUA     | Field       | pH                    | 8.64   | pH Units |       | 5-12.5        |         |
| 4/8/2014   | 1404098          | IEUA     | Field       | pH                    | 8.40   | pH Units |       | 5-12.5        |         |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | Field       | pH                    | 6.12   | pH Units |       | 5-12.5        |         |
| 9/26/2013  | 1309328          | IEUA     | C           | Se                    | < 0.02 | mg/L     |       |               |         |
| 11/26/2013 | 1311316          | IEUA     | C           | Se                    | 2.37   | mg/L     |       |               |         |
| 3/25/2014  | 1403321          | IEUA     | C           | Se                    | 0.07   | mg/L     |       |               |         |
| 4/8/2014   | 1404098          | IEUA     | C           | Se                    | 0.33   | mg/L     |       |               |         |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | C           | TDS                   | 330    | mg/L     |       | 800           |         |
| 9/26/2013  | 1309328          | IEUA     | C           | TDS                   | 322    | mg/L     |       | 800           |         |
| 11/26/2013 | 1311316          | IEUA     | C           | TDS                   | 366    | mg/L     |       | 800           |         |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | C           | TDS                   | 360    | mg/L     |       | 800           |         |

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3/12/2014

| Sampled:   | Sample ID:       | Source:  | Sample Type | Parameter | Result | Units | In NC | Permit Limits |         |
|------------|------------------|----------|-------------|-----------|--------|-------|-------|---------------|---------|
|            |                  |          |             |           |        |       |       | Daily         | Monthly |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | TDS       | 480    | mg/L  |       | 800           |         |
| 3/25/2014  | 1403321          | IEUA     | C           | TDS       | 426    | mg/L  |       | 800           |         |
| 4/8/2014   | 1404098          | IEUA     | C           | TDS       | 562    | mg/L  |       | 800           |         |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | C           | TDS       | 420    | mg/L  |       | 800           |         |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | Field       | Temp      | 24     | °C    |       | 60            |         |
| 9/26/2013  | 1309328          | IEUA     | Field       | Temp      | 23.2   | °C    |       | 60            |         |
| 11/26/2013 | 1311316          | IEUA     | Field       | Temp      | 18.2   | °C    |       | 60            |         |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | Field       | Temp      | 20     | °C    |       | 60            |         |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | Field       | Temp      | 20.5   | °C    |       | 60            |         |
| 3/25/2014  | 1403321          | IEUA     | Field       | Temp      | 20.3   | °C    |       | 60            |         |
| 4/8/2014   | 1404098          | IEUA     | Field       | Temp      | 25.6   | °C    |       | 60            |         |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | Field       | Temp      | 27.7   | °C    |       | 60            |         |
| 9/26/2013  | 1309328          | IEUA     | Field       | TS        | <0.1   | mg/L  |       |               |         |
| 11/26/2013 | 1311316          | IEUA     | Field       | TS        | <0.1   | mg/L  |       |               |         |
| 3/25/2014  | 1403321          | IEUA     | Field       | TS        | <0.1   | mg/L  |       |               |         |
| 4/8/2014   | 1404098          | IEUA     | Field       | TS        | 0.1    | mg/L  |       |               |         |
| 9/26/2013  | 1309328          | IEUA     | C           | TSS       | 3      | mg/L  |       |               |         |
| 11/25/2013 | 1311316          | IEUA     | C           | TSS       | 12     | mg/L  |       |               |         |
| 2/14/2014  | ESB B4B1423-01   | INDUSTRY | C           | TSS       | 14     | mg/L  |       |               |         |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | TSS       | 10     | mg/L  |       |               |         |
| 3/25/2014  | 1403321          | IEUA     | C           | TSS       | < 2    | mg/L  |       |               |         |
| 4/8/2014   | 1404098          | IEUA     | C           | TSS       | 11     | mg/L  |       |               |         |
| 6/11/2014  | ESB B4F1185-01,0 | INDUSTRY | C           | TSS       | 15     | mg/L  |       |               |         |
| 9/19/2013  | ESB B3I1983-01,0 | INDUSTRY | C           | Zn        | <0.010 | mg/L  |       | 2.61          | 1.48    |
| 9/26/2013  | 1309328          | IEUA     | C           | Zn        | < 0.02 | mg/L  |       | 2.61          | 1.48    |
| 11/26/2013 | 1311316          | IEUA     | C           | Zn        | < 0.02 | mg/L  |       | 2.61          | 1.48    |
| 12/3/2013  | ESB B3L0279-01,0 | INDUSTRY | C           | Zn        | 0.013  | mg/L  |       | 2.61          | 1.48    |
| 3/5/2014   | ESB B4C0553-01,  | INDUSTRY | C           | Zn        | <0.010 | mg/L  |       | 2.61          | 1.48    |

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 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> |
| 3/25/2014       | 1403321           | IEUA           | C                  | Zn               | < 0.02        | mg/L         | 2.61                 | 1.48         |
| 4/8/2014        | 1404098           | IEUA           | C                  | Zn               | < 0.02        | mg/L         | 2.61                 | 1.48         |
| 6/11/2014       | ESB B4F1185-01,0  | INDUSTRY       | C                  | Zn               | <0.010        | mg/L         | 2.61                 | 1.48         |

Report compiled by M. Barber

Date: 9 /11/2014

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**2013/2014 PRETREATMENT ANNUAL REPORT**

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**City of Upland**



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

IEUA currently has an agreement with the City of Upland (the City) to implement an industrial wastewater pretreatment program for the Significant Industrial Users (SIUs) identified by the City. 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. The DP zero discharge permit was renewed in August 2013.

**City of Upland - List of Significant Industrial Users and Applicable Standards**

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

**City of Upland - Significant Industrial User Compliance Status**

| INDUSTRIAL USER<br>NAME & ADDRESS                                    | INDUSTRIAL<br>CATEGORY                         | TYPE OF<br>PRETREATMENT<br>PRESENT   | NUMBER OF<br>SAMPLES<br>TAKEN |        | TTO (TOMP)<br>CERTIFICATION | NUMBER OF<br>INSPECTIONS<br>CONDUCTED |
|--|--|--|-------------------------------|--------|-----------------------------|---------------------------------------|
|  |  |  | IU                            | AGENCY |                             |                                       |
| Dynamic Plating<br>952 W. 9 <sup>th</sup> Street<br>Upland, CA 91786 | Metal Finishing,<br>433.17, Subpart A,<br>PSNS | Conventional metal<br>treatment using pH<br>adjustment, polymer<br>precipitation chemicals,<br>clarification & sludge<br>removal | 0*                            | 0*     | Yes                         | 1                                     |

\*Zero discharge permit

**City of Upland - Significant Industrial User Violations and Applicable Enforcement Action**

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

**City of Upland - Significant Industrial User Violations and Applicable Enforcement Action**

|   |   |
|---|---|
| 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

**2013/2014 INDUSTRY MONITORING DATA**

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**City of Upland**

## City of Upland Monitoring Data

There is no monitoring data for the City of Upland during Fiscal Year 2013-2014.

## **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. It is expected that the revised local limits will be completed by June of 2015.

There were no other changes in the pretreatment program during Fiscal Year 2013/14.



**SECTION 6**

**SUMMARY OF ANNUAL PRETREATMENT BUDGET**

Below is a summary of the annual pretreatment budgets for IEUA and the contracting agencies for FY 2013/14.

| <b><u>AGENCY</u></b>                                       | <b><u>TOTAL</u></b> |
|--|---------------------|
| CVWD (Pretreatment Program managed by IEUA)                |                     |
| City of Chino  | \$409,057           |
| Personnel  | \$275,930           |
| Lab, Equipment and Operating Costs                         | \$133,127           |
| City of Chino Hills (Pretreatment Program Managed by IEUA) |                     |
| City of Fontana  | \$889,422           |
| Personnel (Staff, Contract & Training)                     | \$563,442           |
| Lab Fees, Legal, and Eng. Services                         | \$186,000           |
| Capital Expenditures                                       | \$5,000             |
| Vehicle Maintenance & Liability                            | \$77,880            |
| Operations   | \$49,600            |
| 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                             | \$768,841           |
| Personnel  | \$441,593           |
| Equipment & Operating Costs                                | \$186,773           |
| Laboratory Analysis  | \$20,475            |
| Salinity Management  | \$120,000           |
| <br>Total Budget IEUA and Contracting Agencies             | <br>\$2,229,854     |

## 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 September 2013 its industrial users which were in Significant Non-Compliance (SNC) during the period July 1, 2013 to June 30, 2014.

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 seven industries listed as SNC during Fiscal Year 2013/14. The

IEUA found Cliffstar Corporation in Fontana to be in SNC based on TRC for Total Dissolved Solids (TDS) violations. Evolution Fresh in Rancho Cucamonga was in SNC for both Chronic and TRC for TDS violations. State Circuit Boards in Chino was found to be in SNC for both Chronic and TRC for copper violations. Inland Powder Coating and Sun Badge both in Ontario and, Printed Circuits Unlimited 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 2013/14 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 2014, over 650 residents have participated in the rebate program keeping an additional 117 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 participated 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 pretreatment program contributes informative articles to City publications, which are mailed to all city residents and businesses. The City also stocks brochures and posts on their Internet site methods for proper disposal of oil and grease. The brochure is applicable to both commercial and residential customers. Additionally, when excessive grease accumulations are found in the collection system, brochures are distributed in door hangers in the surrounding neighborhood, to further educate the customers on the City's policy for proper oil and grease disposal. There is also a follow-up visit to commercial customers (restaurants) to verify proper grease disposal and to further educate the customer on the City's policy for oil and grease disposal.

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 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 2013/14. 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 California, LLC, in  
Fontana

Evolution Fresh, in Rancho  
Cucamonga

**Industries with Reporting  
Violations**

Inland Powder Coating, in Ontario

Printed Circuits Unlimited, in  
Rancho Cucamonga

Western Metals Decorating, in  
Rancho Cucamonga

Pub: September 16, 2014 #570700



**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 non-compliance 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 2013/14. All 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 Reporting  
Violations**  
Sun Badge Company Inc., in  
Ontario

Published: September 25, 2014  
#574790

## City of Chino

### 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 2013/14. 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

State Circuit Boards, in Chino

09/13/14

Publish: Sept. 13, 2014 778-14

## SECTION 8

### BIOSOLIDS DISPOSAL

During Monitoring Year 2013/14, July 1, 2013 through June 30, 2014, a total of 60,249 wet tons of biosolids were transported to the Inland Empire Regional Composting Facility (IERCF) and Liberty Composting in Kern County. The following table lists the amount of biosolids removed from each facility during Monitoring Year 2013/14.

**Table 13 - Biosolids Removal (Wet Tons)**

| <b>Month</b>   | <b>RP-1</b>   | <b>RP-2</b>   | <b>Total</b>  |
|----------------|---------------|---------------|---------------|
| July 2013      | 3,186         | 1,467         | 4,653         |
| August 2013    | 2,944         | 1,533         | 4,477         |
| September 2013 | 2,879         | 1,476         | 4,355         |
| October 2013   | 2,850         | 1,894         | 4,744         |
| November 2013  | 2,704         | 1,790         | 4,494         |
| December 2013  | 3,053         | 2,202         | 5,256         |
| January 2014   | 3,080         | 2,017         | 5,096         |
| February 2014  | 2,924         | 2,156         | 5,080         |
| March 2014     | 3,058         | 2,758         | 5,815         |
| April 2014     | 3,161         | 3,011         | 6,173         |
| May 2014       | 3,295         | 1,940         | 5,235         |
| June 2014      | 2,909         | 1,962         | 4,871         |
| <b>TOTAL</b>   | <b>36,044</b> | <b>24,206</b> | <b>60,249</b> |

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 2013/14, 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.