CITY OF EAST CHICAGO

SANITARY WASTEWATER DISTRICT
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E.C.S.D.
WASTEWATER DIVISION

Honorable Anthony Copeland, Mayor

March 4, 2020

U.S Environmental Protection Agency, Region 5
Water Enforcement and Compliance Assurance Branch (WC-15J)
Attn: Newton Ellens
77 West Jackson Boulevard
Chicago, Illinois 60604

Dear Mr. Ellens;

The East Chicago Sanitary District (the District) submits this letter and attachments in accordance with the requirement per paragraph 50 of the Compliance Requirements of the Administrative Consent Order (ACO), as defined under Sections 308(a) and 309(a) of the Clean Water Act, 33 U.S.C. § 1318(a) and § 1319(a), revised and dated November 14, 2014 to address the items identified on your letters of October 1, 2019 and February 20, 2020.

Any questions concerning this report can be directed to me via telephone at (219) 392-8466 or email at azehraoui@eastchicago.com.

I certify under penalty of law that this document and all attachment were prepared under my direction or supervision to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the 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 statements and information, including the possibility of fines and imprisonment for knowing violations.

Respectfully Submitted,

Abderrahman Zehraoui, PhD
Director of Utilities
City of East Chicago | 5201 Indianapolis Blvd.| East Chicago| Indiana | 46312
Phone: (219) 391-8466 | Fax: (219) 3918254

CC: Joseph Allegretti City Counsel and ECSD Legal Counsel
Steven Kaiser – USEPA Region 5, Associate Regional Counsel
Molly Smith – USEPA
Natalie Maupin – Indiana Department of Environmental Management

The following is a description of ACO compliance requirements (identified by paragraph number) that ECSD has not resolved, and the status of ECSD's efforts to resolve them, per that discussion, as outlined in your letters. Immediately following each requirement is the District's response. Supporting documentation is included in the Attachments as referenced.

USEPA comment: Paragraph 41 *(Complete the review, correction, and re-issuance of all Industrial User (IU) permits): ECSD stated that it started to incorporate new local limits into IU permits after Mayor Anthony Copeland signed the Districts revised sewer use ordinance on November 14, 2018. ECSD hoped to complete IU permit revisions by the end of 2018. ECSD, however, has not submitted any copies of IU permits to EPA.*

District Response: The new Sewer User Ordinance was adopted by our City Council and signed by the Mayor making it effective November 15, 2018. This effective date was incorporated into each re-issued permit. The permits were signed by the Director of Utilities on either January 4 or January 7, 2019 and were provided to each IU via email and regular mail. Copies of permits for all IUs were provided via email January 22, 2020 and are included in Attachment A.

USEPA comment: Paragraph 44 *(Submit a copy of each Significant Industrial User (SIU) inspection report to EPA): ECSD submitted copies of reports of SIUs conducted in 2017. Several of the reports, however, do not include information to determine the character and volume of the SIU's discharge, as required by Paragraph 44 of the ACO.*

- *Reports for the following SIUs do not include a description of the process and waste storage tanks.*
    - *Safety-Kleen Systems*
    - *W.R. Grace*
- *Reports for the following SIUs do not include a description of the pretreatment process:*
    - *Electric Coating Technologies*
    - *National Processing*
    - *Lakeshore Railcar Services*
    - *Safety-Kleen Systems*
    - *U.S. Gypsum*
    - *W.R. Grace*
- *None of the inspection reports include both average and maximum wastewater flow data.*

ECSD must continue to submit SIU inspection reports to EPA as required by Paragraph 44 of the ACO. Each report must include all of the missing information idenitified above and necessary to determine the character and volume of the associated SIU's discharge.

District Response: The District has completed all its SIU inspections for 2019. The inspection dates for the ISUs were completed as follows.

Faculty	Outfall	Class	2019 Inspection Date	Status
Electric Coatings	312	CIU/SIU	October 24, 2019	Completed

W. R Grace	401	SIU	November 5, 2019	Completed
TAC East	415	CIU/SIU	facility not operating due to August fire	Postponed until back in operation
National Processing	514	CIU/SIU	December 12, 2019	Completed
Lakeshore Railcar Services	521	CIU/SIU	November 18, 2019	Completed
Safety-Kleen Services	901	CIU/SIU	November 14, 2019	Completed
US Gypsum	951	SIU	December 13, 2019	Completed

One SIU, TAC East, Inc. #415, experienced a fire at its facility in August 2019 and has not been operation since. TAC requested a suspension of its permit and the District approved of suspending all monthly monitoring events as there are no ongoing operations or discharge of waters to the sanitary system. This SIU was not be inspected by the District this year. Should TAC Industries re-start its operations, the District will complete and inspection prior to granting our approval to discharge. Copies of the files inspection reports are provided in Attachment B. Our Pretreatment Coordinator did not finalize transferring her written field notes to word documents. Staff will continue to finalize the SIU inspection reports, complete with required information concerning descriptions of process and treatment tank capacities, descriptions of pretreatment processes, and average and maximum wastewater flow volumes for submittal to EPA. The District proposes to submit the final inspection reports to the EPA complete with the missing information noted above in accordance with Paragraph 44 of the ACO, on or before April 1, 2020.

USEPA comment: Paragraph 46 *(Submit annual written summaries of SIU sample analysis data): ECSD sent annual compliance reports to EPA, instead of summary sample analysis data). ECSD must submit written annual summaries of SIU sample analysis data (for 2016, 2017, and 2018) by November 27, 2018.*

District Response: Annual summaries of the SIU sample data for 2016, 2017, 2018 and 2019 are presented in Attachment C. Based upon the analytical results of the pretreatment monitoring performed by the District last year, there were a total of 43 violations observed. The violations are summarized in the table below. Of the 43 observed violations, approximately half of the violations were attributable to CN exceedances of the current CN local limit of 0.019 milligrams per liter (mg/L). The number of CN violations is biased high due to the fact that SafetyKleen Systems is sampled on an increased frequency of twice per month. The frequency of other exceedances were Fats Oil & Grease (FOG) and SGT-HEM (six occurrences), mercury (Hg) at three occurrences, Nitrogen – Ammonia (NH_3) at three occurrences, Zinc (Zn), phenol and pH at 2 occurrences, and one occurrence each for Phosphorous (P), copper (Cu) and nickel (Ni).,

East Chicago Sanitary District Compliance Status Report Report Date Range: 1/1/2019 - 12/31/2019				
Varnu	Variable	Violation	Limit Description	Limit
56031	401 Filed pH (s.u.)	2	Daily Minimum Limit	<5
57161	415 FOG {mg/L}	1	Daily Maximum Limit	>117
57441	415 Total Nickel (Ni) {mg/L}	1	Daily Maximum Limit	>0.8
57602	415 SGT-HEM {mg/l}	1	Daily Maximum Limit	>26
62151	521 Ammonia NH3N {mg/L}	3	Daily Maximum Limit	>134
62161	521 FOG {mg/L}	3	Daily Maximum Limit	>36
62171	521 Phenol {mg/L}	1	Daily Maximum Limit	>0.96
62191	521 Amen. Cyanide {mg/L}	2	Daily Maximum Limit	>0.019
62411	521 Total Zinc (Zn) {mg/L}	2	Daily Minimum Limit	>2.87
62421	521 Total Copper (Cu) {mg/L}	1	Daily Maximum Limit	>0.5
70161	901 FOG {mg/L}	1	Daily Maximum Limit	>117
70171	901 Phenol {mg/L}	1	Daily Maximum Limit	>0.96
70191	901 Amen. Cyanide {mg/L}	20	Daily Maximum Limit	>0.019
70461	901 Total Mercury (Hg) {mg/L}	3	Daily Maximum Limit	>0.00029
76141	951 Total Phosphorus {mg/L}	1	Daily Maximum Limit	>31
	Total	43		

There has been a decrease in both the total number of violations as well as the number of CN violations since the adoption of the new local limits in November 2018. In 2018, when the more stringent CN local limit (0,003 mg/L) was in effect, there were a total of 35 CN violations of 65 total NOVs. Similarly, in 2017, there were a total of 116 NOVs, 52 of which were issued for CN. The NOVs, for the years 2018 and 2017 are presented in the tables below.

As discussed during our conference call, CN is the primary contaminant of concern. As we have previously reported SafetyKleen Systems has been a chronic violator of our local limits. The CN results for the pretreatment monitoring of the SIU discharges for 2018 and 2019 can be summarized as follows:

Outfall #	Facility	Mean CN Concentration 2018 – 2020	Minimum CN Concentration 2018 – 2020	Maximum CN Concentration 2018 – 2020
312	Electric Coatings	0.00148 mg/L	<0.003 mg/L	0.004 mg/L
401	WR Grace	0.001 mg/L	<0.003 mg/L	0.002 mg/L
415	TAC East	0.004125 mg/L	<0.003 mg/L	0.013 mg/L
514	National Processing	0.0012 mg/L	<0.003 mg/L	0.003 mg/L
521	Lakeshore Railcar	0.0209 mg/L	<0.003 mg/L	1.00 mg/L
901	SafetyKleen Systems	0.1104 mg/L	0.002 mg/L	0.65 mg/L
951	US Gypsum	0.0025 mg/L	<0.003 mg/L	0.013 mg/L

Based upon this two year set of data, SafetyKleen System's mean CN concentration of 0.1104 mg/L exceeds our current local limit. To a lesser degree, Lakeshore Railcar's mean CN concentration over this period (0.0209) slightly exceeds our existing local limit of 0.019 mg/L. Each of the other SIUs

had maximum concentrations that were below the new CN local limit and are able to consistently achieve compliance for CN in tier discharges.

The District is considering developing a new local limit for CN based either on Mass-based Allocation or Flow-based Allocation with the objective to enable SafetyKleen Systems to comply with their discharge permit conditions as well as for the District to maintain compliance with its current NPDES discharge limit. Initial conservative estimates suggest that a flow-based limit of 0.184 mg/L or a mass-based allocation limit of 0.309 mg/L may be possible. The District is planning on completing additional CN testing of its influent and effluent with an appropriate treatment retention time lag so as to determine the WWTP's removal efficiency for CN. These results could potentially lead to slightly higher calculated flow-based or mass based allocation limits for CN.

East Chicago Sanitary District
Compliance Status Report
Report Date Range: 1/1/2018 - 12/31/2018

Varnu	Variable	Violation	Limit Description	Limit
52192	312 Available Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
57191	415 Amen. Cyanide {mg/L}	4	Daily Maximum Limit	>0.004
57421	415 Total Copper (Cu) {mg/L}	1	Daily Maximum Limit	>0.17
58191	421 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
58199	421 Cl2 Residual {mg/L}	4	Daily Maximum Limit	>0.4
60171	514 Phenol {mg/L}	1	Daily Maximum Limit	>0.7
60199	514 Cl2 Residual {mg/L}	1	Daily Maximum Limit	>0.4
61191	518 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
61199	518 Cl2 Residual {mg/L}	4	Daily Maximum Limit	>0.4
62161	521 FOG {mg/L}	1	Daily Maximum Limit	>36
62191	521 Amen. Cyanide {mg/L}	8	Daily Maximum Limit	>=0.004
62199	521 Cl2 Residual {mg/L}	5	Daily Maximum Limit	>0.4
63191	531 Amen. Cyanide {mg/L}	2	Daily Maximum Limit	>=0.004
63421	531 Total Copper (Cu) {mg/L}	1	Daily Maximum Limit	>0.17
64191	541 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
66031	611 Field pH {su}	1	Daily Maximum Limit	>10
66199	611 Cl2 Residual {mg/L}	1	Daily Maximum Limit	>0.4
	901 Field pH (s.u.)	1	Daily Minimum Limit	<5
70151	901 Ammonia NH3N {mg/L}	1	Daily Maximum Limit	>77
70191	901 Amen. Cyanide {mg/L}	18	Daily Maximum Limit	>=0.004
70199	901 Cl2 Residual {mg/L}	5	Daily Maximum Limit	>0.4
70461	901 Total Mercury (Hg) {mg/L}	2	Daily Maximum Limit	>0.00029
	Total	**65**		

East Chicago Sanitary District Compliance Status Report Report Date Range: 1/1/2017 - 12/31/2017				
Varnu	Variable	Violation	Limit Description	Limit
52192	312 Available Cyanide {mg/L}	2	Daily Maximum Limit	>=0.004
57171	415 Phenol {mg/L}	1	Daily Maximum Limit	>0.7
57191	415 Amen. Cyanide {mg/L}	5	Daily Maximum Limit	>0.004
57411	415 Total Zinc (Zn) {mg/L}	2	Daily Maximum Limit	>5.5
57421	415 Total Copper (Cu) {mg/L}	2	Daily Maximum Limit	>0.17
57441	415 Total Nickel (Ni) {mg/L}	2	Daily Maximum Limit	>0.39
58191	421 Amen. Cyanide {mg/L}	2	Daily Maximum Limit	>=0.004
58199	421 Cl2 Residual {mg/L}	5	Daily Maximum Limit	>0.4
59141	511 Total Phosphorus {mg/L}	1	Daily Maximum Limit	>5.5
60191	514 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
60199	514 Cl2 Residual {mg/L}	2	Daily Maximum Limit	>0.4
60421	514 Total Copper (Cu) {mg/L}	1	Daily Maximum Limit	>0.17
60531	514 Total Molybdenum (Mo) {mg/L}	1	Daily Maximum Limit	>0.2
61191	518 Amen. Cyanide {mg/L}	3	Daily Maximum Limit	>=0.004
61199	518 Cl2 Residual {mg/L}	3	Daily Maximum Limit	>0.4
61421	518 Total Copper (Cu) {mg/L}	2	Daily Maximum Limit	>0.17
62151	521 Ammonia NH3N {mg/L}	4	Daily Maximum Limit	>77
62161	521 FOG {mg/L}	1	Daily Maximum Limit	>36
62171	521 Phenol {mg/L}	4	Daily Maximum Limit	>0.7
62191	521 Amen. Cyanide {mg/L}	10	Daily Maximum Limit	>=0.004
62199	521 Cl2 Residual {mg/L}	4	Daily Maximum Limit	>0.4
62301	521 Fluorides {mg/L}	1	Daily Maximum Limit	>2.9
63191	531 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
63199	531 Cl2 Residual {mg/L}	1	Daily Maximum Limit	>0.4
63421	531 Total Copper (Cu) {mg/L}	1	Daily Maximum Limit	>0.17
66191	611 Amen. Cyanide {mg/L}	2	Daily Maximum Limit	>=0.004
	702 Field pH (s.u.)	4	Daily Minimum Limit	<5
67191	702 Amen. Cyanide {mg/L}	2	Daily Maximum Limit	>=0.004
67421	702 Total Copper (Cu) {mg/L}	3	Daily Maximum Limit	>0.17
67481	702 Total Chromium(Cr) {mg/L}	1	Daily Maximum Limit	>0.282
68401	804 Total Lead (Pb) {mg/L}	1	Daily Maximum Limit	>0.224
68411	804 Total Zinc (Zn) {mg/L}	1	Daily Maximum Limit	>5.5
68461	804 Total Mercury (Hg) {mg/L}	1	Daily Maximum Limit	>0.0002
70171	901 Phenol {mg/L}	2	Daily Maximum Limit	>0.7
70191	901 Amen. Cyanide {mg/L}	22	Daily Maximum Limit	>=0.004
70199	901 Cl2 Residual {mg/L}	7	Daily Maximum Limit	>0.4
70461	901 Total Mercury (Hg) {mg/L}	3	Daily Maximum Limit	>0.00029
71191	931 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
71199	931 Cl2 Residual {mg/L}	1	Daily Maximum Limit	>0.4
72141	934 Total Phosphorus {mg/L}	2	Daily Maximum Limit	>5.5
72191	934 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
	Total	116		

USEPA comment: Paragraph 48 *(Carry out enforcement actions in accordance with enforcement response plan): ECSD has stated that it has imposed and collected fines primarily for cyanide violations. However, the District has not collected fines from three SIUs (Praxair, U.S. Gypsum and Safety-Kleen). Praxair and U. S. Gypsum have contested the District's fines. Safety-Kleen has deferred payment of fines pending resolution of its appeal of its wastewater permit. In addition, Safety-Kleen has continued to exceed the cyanide local limit. ECSD must escalate its enforcement efforts to (1) collect all fines levied against SIUs for pretreatment violations and (2) compel all violating SIUs to comply with the Pretreatment Standards. ECSD must submit copies of enforcement documentation to EPA by November 27, 2019.*

District Response: Based upon the analytical results of the pretreatment monitoring performed by

the District last year, a total of 43 violations observed. The violations only occurred at our SIU facilities. No violations were observed at our other IU facilities during 2019. Each violator was sent a Notice of Violation (NOV) with appropriate fine. While compiling this summary, the staff noticed that a violation for low pH at #401 W R Grace had not been originally issued on time; however the NOV has subsequently been issued on March 2, 2020. With the exception of fines associated with #901 SafetyKleen System's cyanide NOVs, and two fines issued in November 2019 to #531 Lakeshore Railcar (Zn) and #951 US Gypsum (total phosphorous), all other fines have been received by the District. A total of $80,500 in fines was issued and $28,500 of that total has been paid. The majority of the remaining balance, totaling $47,500, consists of the CN violations that have been contested by SafetyKleen Systems. SafetyKleen Systems has paid for its violation of all other exceedances not involving CN. The table below summarizes the fines paid and received by the District, sorted by facility outfall number.

The District has issued NOVs and collected fines consistent with its revised ERP and SUO since 2016, prior to their formal adoption into City Ordinance in late 2018. As was discussed during our February 13, 2020 teleconference, the District has collected the fines consistently since 2016. Several exceptions were noted during that call. SafetyKleen Systems has disputed its CN local limit and has withheld payment of their fines attributable to CN. SafetyKleen Systems has paid all other fines for NOVs issued with regard to exceedances of other local limits. The payment of the outstanding CN related fines will be part of a negotiated settlement as part of our ongoing litigation with SafetyKleen Systems. Several other exceptions, wherein fines were waived by the District include the following.

- Outfall #518, ICO Polymers – Was issued a NOV for a CN violation in June 2018. ICO Polymers contested the violation as the observed concentration was 0.005 mg/L, which slightly exceeded the existing local limits of 0.003 mg/L, but was well below the revised local limit of 0.019 mg/L. Because of the anticipated approval of the revised local limit that had been communicated by USEPA, the $1000 fine was waived by the District.
- Outfall #531 Praxair had been issued two CN NOVs for exceedances in June and July. Both exceedances were 0.004 mg/L, exceeding the existing local limit of 0.003 mg/L. Praxair contested the violation based upon their knowledge of the revised CN local limit of 0.019 mg/L that was awaiting USEPA final approval. The District agreed with their request and approved to waive the $2,000 fines associated with these two incidents.
- The District routinely waived any violations of residual chlorine exceedances in cases where the local limit of 0.4 mg/L was exceeded. The fines were waived in all cases where the tested discharge did not exceed the municipal supplied potable water residual chlorine content by more than 0.4 mg/L. The municipal supplied potable water has a residual chlorine content that routinely ranges from 1.3 to 1.9 mg/L as part of its disinfection process to provide safe potable water to its customers throughout its distribution system.

One other concern that was discussed during the conference call was the collection of a significant amount of fines assessed to Arcelor Mittal #805. Three Notices of Violation (NOVs) were issued in November and December 2016 to Arcelor Mittal with fines totaling $22,500 ($1,500 for each exceedance). The NOVS were for various elevated metal concentrations observed during this period that were atypical of the normal discharge at this facility. Payment in the total amount of fines ($22,500) was received from Arcelor Mittal in May 2018. Copies of the check/ receipts are available upon request.

					Total Fines	$80,500	Total Collectec	$28,500		
Sample Date	Results Date	Outfall	Parameter	Reported Concentratic	NOV Letter Sent	Fine Amount	Date Fine Received	of Fine Paid		
11/19/2019	11/27/2019	401	pH	3.3	1/6/2020	$1,000	1/31/2020	$1,000		
7/16/2019	7/16/2019	401	pH	4.2	3/2/2020	$1,000				
	2/11/2019	415	DIS VOL REP		2/14/2019	$1,000	3/13/2019	$1,000		
6/24/2019	7/2/2019	415	FOG	191	7/8/2019	$1,000	7/18/2019	$1,000		
5/15/2019	5/23/2019	415	Ni	2.83	5/24/2019	$1,000	6/10/2019	$1,000		
6/24/2019	7/2/2019	415	SGT-HEM	88.8	7/8/2019	$1,000	7/18/2019	$1,000		
2/26/2019	3/6/2019	521	CN	0.021	3/7/2019	$1,000	5/20/2019	$1,000		
12/12/2019	12/20/2019	521	CN	0.02	1/6/2020	$1,000	1/28/2020	$1,000		
12/12/2019	12/20/2019	521	Cu	0.615	1/6/2020	$1,000	1/28/2020	$1,000		
	2/11/2019	521	DIS VOL REP		2/14/2019	No fine, report rec'd	NA	NA		
6/27/2019	7/5/2019	521	FOG	43.3	7/9/2019	$1,000	8/5/2019	$1,000		
5/29/2019	6/6/2019	521	NH3	148	6/12/2019	$1,000	7/23/2019	$1,000		
6/27/2019	7/5/2019	521	NH3	482	7/9/2019	$1,000	8/5/2019	$1,000		
7/9/2019	7/17/2019	521	NH3	299	7/25/2016	$1,000	8/19/2019	$1,000		
1/9/2019	1/17/2019	521	O&G (HEM)	41	1/30/2019	$1,000	2/19/2019	$1,000		
1/11/2019	2/11/2019	521	O&G (HEM)	41.9	2/12/2019	$1,000	5/20/2019	$1,000		
9/18/2019	10/3/2019	521	OH	4.49	10/11/2019	$1,000	10/29/2019	$1,000		
10/23/2019	11/5/2019	521	Zn	71.3	11/13/2019	$1,000				
4/9/2019	4/17/2019	521	Zn	3	4/23/2019	$1,000	9/3/2019	$1,000		
1/15/2019	1/23/2019	901	CN	0.12	1/24/2019	$2,500		Pending Resolution		
2/25/2019	3/5/2019	901	CN	0.099	3/5/2019	$2,500		Pending Resolution		
3/26/2019	3/3/2019	901	CN	0.46	4/5/2019	$2,500		Pending Resolution		
4/15/2019	4/23/2019	901	CN	0.13	4/23/2019	$2,500		Pending Resolution		
4/29/2019	5/7/2019	901	CN	0.27	5/9/2019	$2,500		Pending Resolution		
5/23/2019	5/31/2019	901	CN	0.65	6/12/2019	$2,500		Pending Resolution		
6/17/2019	6/25/2019	901	CN	0.055	7/2/2019	$2,500		Pending Resolution		
6/24/2019	7/2/2019	901	CN	0.078	7/8/2019	$2,500		Pending Resolution		
7/17/2019	7/25/2019	901	CN	0.27	8/5/2019	$2,500		Pending Resolution		
7/29/2019	8/6/2019	901	CN	0.16	8/15/2019	$2,500		Pending Resolution		
8/14/2019	8/22/2019	901	CN	0.055	8/26/2019	$2,500		Pending Resolution		
8/29/2019	9/11/2019	901	CN	0.12	9/16/2019	$2,500		Pending Resolution		
9/12/2019	9/24/2019	901	CN	0.32	10/1/2019	$2,500		Pending Resolution		
9/30/2019	10/14/2019	901	CN	0.067	10/22/2019	$2,500		Pending Resolution		
10/16/2019	10/24/2019	901	CN	0.078	10/31/2019	$2,500		Pending Resolution		
10/29/2019	11/7/2019	901	CN	0.13	11/13/2019	$2,500		Pending Resolution		
11/6/2019	11/19/2019	901	CN	0.12	12/4/2019	$2,500		Pending Resolution		
11/21/2019	11/27/2019	901	CN	0.095	12/4/2019	$2,500		Pending Resolution		
12/10/2019	12/18/2019	901	CN	0.13	1/6/2020	$2,500		Pending Resolution		
3/26/2019	3/3/2019	901	Hg	0.0004	4/4/2019	$2,500	6/14/2019	$2,500		
4/29/2019	5/7/2019	901	Hg	0.0003	5/9/2019	$2,500	10/25/2019	$2,500		
5/23/2019	5/31/2019	901	Hg	0.0004	6/12/2019	$2,500	7/15/2019	$2,500		
3/26/2019	3/3/2019	901	O&G (HEM)	118	4/4/2019	$2,500	6/14/2019	$2,500		
4/29/2019	5/7/2019	901	OH	4.09	5/9/2019	$2,500	10/25/2019	$2,500		
10/23/2019	11/5/2019	951	P	266	11/13/2019	$2,500				

USEPA comment: Paragraph 50 *(Submit quarterly status reports) ECSD last submitted a status report on November 30, 2018. In the District's November 30, 2018 letter, ECSD provided quarterly compliance summaries for its permitted IUs. Please note that Paragraph 50 of the ACO requires the District to submit a written report to EPA on the status of the ECSD's completion of each requirement identified in the ACO. The District must provide quarterly status reports, as directed by Paragraph 50 of the ACO, by November 27, 2019.*

District Response: This letter and attachments are being submitted to comply with this requirement. Moreover, to provide additional documentation in support of our meeting the previously completed requirement identified in the ACO we offer the following.

A. Compliance as of Effective Date of Order, Begin Immediately

1. ACO - Compliance Requirements, para. 34, *Comply with pretreatment requirements in Part III of NPDES Permit (Days Following Effective Date = 0)*:

Since the effective date of the ACO, the District has been in compliance with and fulfilling the requirements in Part III of the NPDES Permit.

2. ACO – Compliance Requirements, para. 35, *Comply with 40 C.F.R. Part 403 (Days Following Effective Date = 0)*:

Since the effective date of the ACO, the District has been in compliance with and fulfilling the requirements in 40 C.F.R. Part 403.

3. ACO – Compliance Requirements, para. 45, *Collect and maintain all self-monitoring data for CIUs (Days Following Effective Date = 0)*:

Since the effective date of the ACO, the District has been collecting and maintaining all self-monitoring data for CIUs. Each of the five Categorical Industrial Users (CIU's) permitted by the District, Electric Coating Technologies, Safety-Kleen Systems, National Processing, TAC East, and United Transportation Group, are required to self-monitor for applicable categorical pretreatment standards twice a year. Additionally, USS Lead is required to conduct self-monitoring on a quarterly basis for all the parameters in the Pretreatment Parameter Monitoring Checklist excluding sulfate based on the intermittent nature of their discharge.

4. ACO – Compliance Requirements, para. 48, *Carry out enforcement actions in accordance with ERP, utilizing escalating responses (Days Following Effective Date = 0)*:

Since the effective date of the ACO, the District has been carrying out enforcement actions in accordance with ERP, utilizing escalating responses as necessary. Consistent with changes adopted in our Sewer User Ordinance (SUO) and Enforcement Response Plan (ERP), the fines for each occurrence has been increased to a minimum of $1,000 per occurrence. Due to the chronic nature of violations occurring at Safety-Kleen Systems, the amount of fines assessed Safety-Kleen Systems was increased to $2,500 per occurrence for each violation occurrence.

B. Compliance Within a Number of Days After Effective Date of Order

1. ACO – Compliance Requirements, para. 40, *Acquire for each IU current schematic flow diagrams for each major activity in which wastewater is generated (Days Following Effective Date = 90):*

As a result of a follow-up e-mail that was sent to all of the IUs in March 2015 to request an updated schematic flow diagram, if available, to maintain in the District's files, a few IUs submitted updated schematics.

The District followed up with each IU that failed to submit a current schematic flow diagram in letters requiring the IU to submit the requested information by April 1, 2016. During the first quarter, only one IU, Kemira Water Solutions (702), had not submitted the requested report. Kemira provided the schematic flow diagram on May 3, 2016, in response to a second notice sent by the District. The received information has been properly filed for reference purposes. Schematic

flow diagrams for each of the IUs have been obtained. As part of the annual inspections of the permitted IUs, the schematic flow diagrams are reviewed and updated as necessary.

2. ACO – Compliance Requirements, para. 49, *Streamline and organize IU files (Days Following Effective Date = 90)*:

In April 2015, ECSD began the effort to create digital files for all of the existing paper records. The intent was to duplicate the approach of the newly-created paper files, separating the files into electronic records based on Recent Activity or Archives. The electronic files are currently saved on the city's Utilities share drive platform, which makes the records accessible to all District staff with internet access rights on the city's computer network. By December 18, 2015, 100% of the IU files had been digitized for electronic archival purposes.

3. ACO – Compliance Requirements, para. 36, *Identify the source(s) of cyanide in collection system (Days Following Effective Date = 120)*:

In order to identify the source of the cyanide in the collection system, the District completed an Industrial Waste Survey, completed sampling of various pump stations throughout the collection system, and evaluated the cyanide concentrations observed during the monthly monitoring of all IUs during 2016. The Industrial Waste Survey did not identify any sources of cyanide from industries and businesses that were not permitted IUs.

To investigate possible source areas of cyanide discharge into our collection system, cyanide sampling was conducted at Magoun, Roxanna, Canal Street, Michigan Avenue, Alder Street, Marina, and Marktown Pump Stations. Samples for available cyanide were collected from each pump station on January 12, 20, 21, 22, 25, 27, 29 and February 5, 2016. Only samples collected from the Canal Street Pump Station had available cyanide concentrations exceeding the local limit of 0.003 milligrams per liter (mg/L). During each sample event, the cyanide concentrations at the Canal Street Pump Station ranged from 0.0096 mg/L to 0.0406 mg/L. The Canal Street Pump Station receives sanitary and industrial discharges from our sewer collection Subsystem 9. Permitted IUs in Subsystem 9 include Arcelor Mittal West (931, 934, 935), Praxair HyCo (941), US Steel (936), Safety Kleen Systems (901) and US Gypsum (951). Only one other sample collected February 5, 2016 at the Marina Pump Station, had an available cyanide concentration of 0.00339 mg/L, slightly exceeding the local limit requirement. All other analytical results were below 0.003 mg/L or reported as non-detect.

Additional cyanide and chloride sampling was completed in support of our development of the revised local limits. Local limit sampling was completed at the Marktown, Magoun and Roxanna Pump Stations. Composite samples were collected on March 29, 30, and 31 and April 4, 5, 6 and 7, 2016. Based upon a review of the results, there were no exceedances of the cyanide local limit observed during the additional sampling of the pump stations.

A review of this historical pretreatment monitoring data shows that the majority of reported CN violations were collected at outfall 901, Safety-Kleen Systems. Moreover, the higher reported concentrations of cyanide have also associated with discharges from outfall 901. Based upon these results, the findings of the Industrial Waste Survey and results of the pump station sampling, the District has concluded that the primary source of the cyanide within the POTW collection system is the discharge from Safety-Kleen Systems Outfall 901.

4. ACO – Compliance Requirements, para. 37, *Draft written investigative procedure provisions for regular sewer monitoring that will allow identification of future instances of noncompliance in*

collection system (Days Following Effective Date = 120):

On July 18, 2016, the District provided USEPA with its sampling plan outlining procedures for completing regular sewer monitoring to identify source(s) of future instances of non-compliance within the District's collection system. The District proposed sampling of the sewer collection system on a periodic basis. At a minimum, samples for the sewer collection monitoring will be collected twice during the calendar year. Based upon the physical layout of the District's sewer collection system, the location of the permitted and non-permitted industrial users, and information obtained during the recent sampling investigations, the District proposes to collect monitoring samples from the following locations:

- Alder Street Lift Station;
- Magoun Avenue Lift Station
- Canal Street Lift Station
- The combined sewer manhole located at Columbus Avenue and Kennedy Avenue; and,
- The combined sewer manhole located at east 148th Street and Euclid Avenue.

5. ACO – Compliance Requirements, para. 38, *Develop an approach that supports enforcement escalation and penalties as a component of ERP (Days Following Effective Date = 120):*

This item was included in the revised draft ERP and SUO that was submitted to USEPA for review on August 28, 2015. Comments from USEPA were received on December 17, 2015, addressed and incorporated into revised drafts of the ERP and SUO and resubmitted to USEPA on March 11, 2015. Several additional comments on the ERP were received from USEPA on April 28, 2015 which were addressed and incorporated into the ERP, and sent back to USEPA for review. The District has been implementing the incorporated changes in the ERP as part of its ongoing enforcement activities. As requested, on May 24, 2016, the District provided USEPA counsel a letter constituting the Statement of Legal Authority to implement and administer all Federal requirements for the District's Pretreatment Program. As discussed during our July 19, 2016 conference call, USEPA is still reviewing the Statement of Legal Authority, ERP and SUO. However, USEPA indicated that as all of the requested changes have been made to the ERP and SUO, approval is anticipated once the SUO has been adopted as an Ordinance by the City of East Chicago. THE SUO and ERP were formally adopted into ordinance by the City in 2018.

6. ACO – Compliance Requirements, para. 43, *Develop evaluation checklists and submit to EPA (Days Following Effective Date = 120):*

A copy of ECSD's slug discharge control plan was attached to the 2015 Q2 quarterly report for review. The District evaluated each of the IUs based upon their permit application and information observed and obtained as part of each site inspection completed and determined that seven facilities (Green lake Tube, ICO Polymers NA, Indiana Radiator, Safety-Kleen Systems, Tradebe Treatment & Recycling, United Transportation Group, and US Gypsum required slug discharge control plans. The District requested the plans to be submitted by April 18, 2016. During the 1st quarter of 2016, except for one permittee (Green Lake Tube), each of the permittees provided the slug control plan. On March 23, 2016, the District notified Green Lake Tube of its failure to submit

the requested information. Green Lake Tube submitted its slug control plan on May 12, 2016. All required slug control plans were received by the District for 2016. The District re-evaluates the need for a slug control plan for each of the permittees when conducting each annual site inspection.

7. ACO – Compliance Requirements, para. 44, *Create and implement a plan to conduct annual IU inspections, including required sampling (Days Following Effective Date = 120):*

In 2019, the District completed annual inspection for each permitted IU. Each of the permitted IUs will be re-inspected by the end of the 2020 calendar year. The schedule for the 2020 annual inspections has not yet been developed. The District conducts sampling of each IU on a monthly basis, with the exception of several outfalls, #112 GATX Remediation, #124 Buckeye Pipeline Terminal, and #411 USS Lead, which consist of groundwater dewatering projects that produce low volumes or are operated on an intermittent, as-needed basis.

8. ACO – Compliance Requirements, para. 47, *Determine additional resources necessary to carry out authorities and procedures required for pretreatment program (Days Following Effective Date = 120):*

In order to carry out all of the authorities and procedures required for the pretreatment program, several staffing and procedural changes were proposed. To shift the focus of the pretreatment department from a transactional approach of constantly collecting samples from industrial user locations, ECSD intended to hand-off a majority of the sampling responsibility to industrial users. This fundamental change in policy was intended to free up staff to spend more time visiting IU facilities to evaluate processes, monitor additional areas in the collection system for potential non-compliance, and to improve department responsiveness and awareness to issues that have proved difficult to manage in the past. The increased self-monitoring requirement was included in the permit modifications sent to each permittee on April 4, 2016. The District received comments from most of the permittees indicating that they would prefer that the District continue to perform the monitoring of their outfalls as it has in the past. Based upon these comments and concerns, the District has decided to continue the monitoring of the IUs and will not proceed with the planned self-monitoring change.

A compliance manager position was created in 2016 to oversee the pretreatment program, having management responsibility and direct oversight of pretreatment department staff, while ensuring the pretreatment program is properly enforced.

A pretreatment administrator position was also proposed. This position was tasked to process routine compliance documentation and correspondence for industrial users, including permit renewals, NOVs, and fines, while maintaining pretreatment files (hard copy and electronic) to remain current. The majority of these tasks are already being addressed by our Pretreatment Coordinator, Nickie Geros. To assist with the maintenance of pretreatment compliance documentation, administration staff has been re-assigned to lessen the Pretreatment Coordinators time associated with these tasks. Additionally, new procedures and methods were employed in order to monitor the progress of compliance sampling, analytical data review, timely issuance of NOVs, tracking of NOV responses and payment of fines, permit renewals and annual inspection.

A pretreatment assistant position was envisioned to support the pretreatment inspector on site visits, as needed. This position would also be responsible for performing regular sampling and monitoring of pump stations and sewer collection system locations to minimize the potential for

future instances of noncompliance in collection system. Presently, this position is held by Henry Padilla, and all required sampling, data review and input into our HACH historical database is being performed timely. In Mr. Padilla's absence, another staff member has been trained to perform the daily sampling activities and daily input of the analytical data into our HACH database

In the past, the District had access to several other staff members through the subcontracted services provided by our previous Director of Utilities, Mr. Greg Crowley, and his company Crowley Engineering. This subcontracted staff was able to meet the more technical issues that the District needed to address. The contracted services provided by Crowley Engineering were terminated in early 2017.

The District has attempted to hire an additional Pretreatment Coordinator by posting the open position and requirements throughout the City Departments but has been unsuccessful in finding a suitable candidate. The District will continue to post the open position throughout the City as well as advertise in local papers and job boards in order to increase our staffing to meet its needs.

9. ACO – Compliance Requirements, para. 39, *Incorporate Paragraph 38 of Order and EPA's review into SUO and ERP (Days Following Effective Date = 150):*

This item has been completed, and was incorporated into the revised drafts of the SUO and ERP.

10. ACO – Compliance Requirements, para. 39, *Submit revised SUO and ERP drafts to EPA (Days Following Effective Date = 210):*

The revised draft SUO was submitted to USEPA Region 5 NPDES Programs Branch for review on July 24, 2015, and the revised draft ERP was submitted to EPA Region 5 NPDES Programs Branch for review on August 28, 2015. Comments from USEPA were received on December 17, 2015, addressed and incorporated into revised drafts of the ERP and SUO and resubmitted to USEPA on March 11, 2015. Several additional comments on the ERP were received from USEPA on April 28, 2015 which incorporated each of USEPA's recommended changes. The District has been implementing the incorporated changes in the ERP as part of its ongoing enforcement activities. As noted in response #5, USEPA approval is anticipated once the SUO has been adopted as an Ordinance by the City of East Chicago. The District is presently completing its local limit study so as to incorporate any necessary changes in the local limits with the revised SUO. The drafting and data compilation of all data for our local limit study was completed, submitted to USEPA review and comment, and approved by the USEPA. The local limits were be incorporated into the revised SUO and adopted into Ordinance by the City Council in 2018.

11. ACO – Compliance Requirements, para. 41, *Complete the review, correction, and reissuance of all IU permits (Days Following Effective Date = 210):*

The new Sewer User Ordinance was adopted by our City Council and signed by the Mayor making it effective November 15, 2018. This effective date was incorporated into each re-issued permit. The permits were signed by the Director of Utilities on either January 4 or January 7, 2019 and were provided to each IU via email and regular mail. Copies of permits for all IUs were provided via email January 22, 2020 and are included in Attachment A.

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 10/25/2019

INSPECTOR: Nickie Geros, Henry Padilla

STARTING TIME: 10:37 A.m. **ENDING TIME:** 12:41 p.m.

A. BACKGROUND INFORMATION			
1. Facility Name	Material Sciences Corporation – East Chicago		
2. Facility Address	4407 Railroad Avenue, Building #3 Door 3A, East Chicago, In 46312		
3. Person Contacted / Title	Kenneth Paxson, Q.A. Mgr 378-~~1930~~ 3762		
4. No. of Employees	35		
5. Shift Starting Time	Shift 1: 5:00 AM	Shift 2: 5:00 PM	Shift 3: N/A
6. Inspection Type	Unannounced:	Scheduled: X	
IF UNANNOUNCED, COMPLETE ITEMS BELOW, OTHERWISE GO TO ITEM No. 8.			
a) New Company	Yes:	No:	
b) Complaint	Yes:	No:	
c) Spill	Yes:	No:	
d) Violation	Yes:	No:	
e) Other	Yes:	No:	
7. Explain Reason for Inspection: Annual Inspection.			
8. SPCC Plan Required and/or Slug Control Plan?	Yes X	No	
IF REQUIRED PROCEED, OTHERWISE GO TO PAGE 2, PRETREATMENT PERMIT.			
a) Is Plan on File?	Yes X	No	
b) Is Plan Adequate?	Yes X	No	
9. Explain Deficiencies in SPCC or Slug Control Plan?: Slug Plan is not required. No Deficiencies to SPCC plan and plan on file.			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 10 / 25 / 19

B. PRE-TREATMENT PERMIT		
1. Permit No. 312	2. Expiration Date: 7/14/2023	
3. Categorical Standard(s) Yes 433.10		
4. Toxic Organic (Solvent) Management Plan Required	YES:	NO: X
If required, Proceed, Otherwise go to Item No. 6.		
a) Is Plan on File?	YES:	NO:
b) Is Plan Adequate?	YES:	NO:
5. Production Based Standard Applicable?	YES:	NO:
If So, current Average Production Rate(s)		
6. Are there any changes since last inspection or planned changes to the IU? **The project to add two additional plating cells has been completed.**		
7. Do Permit Limits Represent Current Operations?	YES: X	NO:
If not, what changes are necessary?		
8. Are Self-Monitoring Reports Required?	YES: X	NO:
If required proceed, otherwise go to page 3 Part C. Water/Wastewater.		
a) Are Reports on File?	YES: X	NO:
b) Are Reports Current?	YES: X	NO:
c) Are Reports Complete?	YES: X	NO:
9. Explain Deficiencies in Self-Monitoring Reports: They are all sent and no deficiencies were found.		
10. Schematic or site map provided?	YES: X on File	NO:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 10/25/19

C. WATER/WASTEWATER Volume Calculations for 12/01/18 thru 9/30/19			
1. Source of Intake Water (GPD):	City: X	Well:	Other:
2. Discharge Method:	Volume (GPD) Month	Percent of Total	
a) Into Sewer	1,029362	46.7%	
b) Via NPDES Permit	0	0%	
c) Into Product	0	0%	
d) Evaporation	1,149,293	52.1%	
e) Other (Trucked Waste)	27,740	1.3%	
3. Discharge(s) to Sewer	Volume (GPD) Month	Percent of Total	
a) Industrial Process	713,175	69.3%	
b) Contact Cooling	0	0%	
a) Non-Contact Cooling	305590	29.7%	
b) Blow down	Included with Non-Contact Cooling Water		
a) Sanitary	10,597	1.0%	
b) Other	0	0%	
TOTAL	1,029,362	100%	
4. Process Discharge Flow:	Continuous X	Intermittent	Batch
If Batch	Gal/Batch	Frequency	
5. Type of Flow Measurement	Isco 4320 Flow Totalizer, 8" Palmer Bowlus Flume, Omega FP85 Paddle Wheel Totalizer		
Adequate for Expected Flows?	YES: X	NO:	
6. Date of Last Calibration:	9/25/19		
7. Number of Outfalls to POTW:	1		
8. Comments (Identify by Item No.):			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 10/25/19

D. Manufacturing Area

1. Product(s) or Service(s) and General Description of Processes:
Service center for electro-plating, finishing and distribution of electro-galvanized flat, cold rolled carbon steel products.

We Process coiled steel strip into electro-galvanized steel strip with various post treatments applied to the surface of the zinc. It can take from 17 minutes up to 2 hours to process a single coil.

Major Customers are: Arcelor Mittal, SSAB, Protec/USS Steel, Greif Brothers and various service steel centers.

2. Process Waste stream(s)	Description	To Sewer	To other (Specify)
Pre-Clean	Hot Water & Alkaline Spray Cleaning & Rinsing	No	Trucked Off-Site for treatment
Electro Degreasing	Hot Water & Alkaline Electrolytic Cleaning & Rinsing	Yes via on-site waste treatment	
Surface Activation	Mild Sulfuric Acid & Water Surface prep & rinsing	Yes via on-site waste treatment	
Plating & Rinsing	Electrolytic Zinc Plating & Hot Water Rinsing	Yes via on-site waste treatment	
Post Plating Surface Treatments	Phosphate, Chromate & Oils	NO	Trucked Off-Site for treatment
Phosphate Section Rinse water	Final Rinse water In Phosphate Section	Yes via on-site waste treatment	

3. Are there floor drains in the manufacturing areas?	YES:	NO: X
4. Do the floor drains lead directly to the POTW?	YES:	NO: X
5. Are temporary hoses in place as part of production?	YES: X	NO:
6. Process areas Inspected:	Entire Facility inside. Improvements were made and other tanks not used were removed.	
7. Conditions / Operation	Good – Very Good & Clean.	Fair / Poor
8. General Housekeeping:	Good – Kept clean & safe. Haz waste materials stores safely.	Fair / Poor

9. Conditions:
Areas are checked and have been improved for safety and spills. Everything is kept inside so nothing goes into the E.C. Sewers.

10. SPCC Practices Adequate?	YES: X	NO:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 10/25/19

E. Materials Used (list any raw materials, solvents, oils, chemicals, pretreatment, and boiler/cooling tower additives) ***attach additional sheets if necessary***

Chemical Substance Inventory provided?	**YES: X**	**NO:**

Name	Liquid?	Contained?	Size container	Quantity	MSDS?	Notes
Spray Clean 985 ECT	Liq	Y	330 gal tote	2,000		Contains potassium hydroxide, sodium hydroxide surfactants, phosphates and water
Electro-LV84	Liq	Y	330 gal tote	1,000 gals		Contains potassium hydroxide, sodium hydroxide surfactants, phosphates and water
1. Sulfuric Acid 2. Sulfuric Acid	Liq Liq	Y Y	Bulk tank, 55 gal drums	5,600 gals, 750 gals		93% Technical grade Sulfuric Acid
Sodium Hydroxide	Liq	Y	Bulk Tank, 55 gal drums	5,600, 750 gals		50% Sodium Hydroxide solution
Metallic Zinc	Solid	Y	4,500 lb tote sacks	60,000 lbs		99.99% pure zinc shot for makine electrolyte soln
Electrolyte Solution	Liq	Y	76,000 gal tank	68,000-76,000 gal		Contains dissolvd zinc, sulfuric acid and water
Hydrochloric Acid	Liq	Y	55 gal drum	660 gal		30-35 % Active concentration of acid
Strontium Carbonate	Solid	Y	50 lb bags	2,500 lbs		
Diatomaceous Earth	Solid	Y	50 lb bags	2,,000 lbs		
Activator JW	Solid	Y	50 lb Carboy	300 lb		Contains tetra-sodium phosphate
Americo ZCN-98	Liq	Y	330 gal tote	660 gals		Contains nickel carbonate, phosphoric acid, zinc oxide, nitric acid & water
Various chrome solns	Liq	Y	55 gal drums	1,300 gal		Contains chromic acid, phosphoric acid, zinc salt, zinc oxide, silicon dioxide & acrylic polymers
Quaker Ferrocote 61 AUS	Liq	Y	300 gal totes	900 gal		Rust preventing oil compounds to protect product from corrosion
Quaker Ferrocote EGL-1	Liq	Y	300 gal totes	900 gal		Rust preventing oil compounds to protect product from corrosion
Quaker Ferrocote Mal-HCL-1	Liq	Y	55 gal drums	55 gal		Pre-lube oil
Hydraulic oil	Liq	Y	55 gal drums, (2) 500 gal tanks	440 gal 1,000 gals		
Maintenance oil & gear lubes	Liq	Y	55 gal drums	1,000 gal		
Hydrozone OS115	Liq	Y	55 gal drum	110 gal		Boiler Chemical- oxygen scavenger- contains sodium bisulfite
Hydrozone BFW 0106	Liq	Y	55 gal drum same	110 gal same		Boiler Chemical -Contains polymer, sodium hydroxide & potassium hydroxide

RLT 1136	Liu	Y	55 gal drum same	110 gal same		Steam line system chemical contains cyclohexylamine, n-ethyl-n-hydroxyethaneamine
Hydrozone CSC 1040	Liq	Y	Same as above	Same		Non-contact cooling water system corrosion Inhibitor-contains sodium hydroxide
Bellacide	Liq	Y	30 Gallon Drum	30-45 Gallons		Microbiocide for cooling water system Contains:tributyldecyl phosphonium chloride
Sod Hypochlorite	Liq	Y	Same as above	550 gals		Cooling water algaecide-12% concentration
Solar Salt	Solid	Y	50 lb bag	3,400 lbs		Used in water softeners
Calcium Chloride	Solid	Y	50 lb bag	3,400 lbs		Flake, 60% active, Usedin Waste Treatment

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 10/25/19

F. Pre-Treatment Area		
1. Pretreatment System On-Site	**YES: X**	**NO:**
2. Schematic or site map provided?	**YES: X**	**NO:**

3. **Description:** Waste stream equalization, metals precipitation, neutralization, dewatering and sludge disposal. Pre-treatment plant typically operates from 5:00 AM to 11:00 PM. Discharge is continuous when the Pre-treatment plant is in operation

4. Discharge	**Continuous X**	**Intermittent**	**Batch**	**Other**
5. Conditions / Operation		**Good**	**Fair**	**Poor**

6. Comments (Reference any Deficiencies by item no.): No. 3 Kept and maintained properly. Operator is Certified and operations are working as should be. When they are down for maintenance, he will call & let us know for monitoring purposes & to not come. Communication is excellent.

7. Certified Operator(s)	**Licensed No.**	**Class**
Kenneth Paxson	**WW008970**	**C**
8. SPCC Practices Adequate?	**Yes: ✓**	**No:**

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

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G. Chemical / Waste Storage Areas	
1. Sludge/Hazardous or Non-Hazardous Waste: 2019	a) waste treatment sludge (non-haz) b) Oil contaminated wastewater- (non-haz) c) Phosphate rinse waters (non—haz) d) Spent zinc waste-(non-haz) e) Electroylyte filter sludge (non-haz) f) Electrolyte pit & tank bottom Sludge (Haz, D002 & D008) g) Degrease pit & tank bottom sludge (Haz, D002) h) Liquid & solid chrome wastes – liquid (Haz, D002 & D007) solid chrome waste (Haz, D002) i) Oily rags (non-haz)
2. Source of Waste	a) From the Wastewater Pre-treatment system b) Preclean & Electro-degrease sections of the process line. c) Phosphating sect of process line. d) From the plating & plating rinse section of process line. e) From the plating & plating rinse section of process line. f) From the plating & plating rinse section of process line. g) From electro-cleaning section of the process line (alkaline) h) From the chromate section of the process line. i) Equipment maintenance
3. Describe any Waste Handling (What happens to it? 2019	a) Trucked off site to Waste Management Landfill b) Trucked Off-site for treatment & Disposal (Covanta & All Source Environmental) c) Trucked Off-site for treatment & Disposal (Covanta & All Source Environmental) d) Trucked Off-site for treatment & Disposal (Covanta) e) Trucked off site to Waste Management Landfill f) Trucked Off-site for treatment & Disposal (Covanta) g) Trucked Off-site for treatment & Disposal (Covanta) h) Trucked Off-site for treatment & Disposal (Covanta) i) Trucked Off-site for treatment & Disposal (Covanta)
4. Quantity January 1, 2019 thru November 30, 2019	a) 183 tons b) 223,500 gallons c) 22,350 gallons d) 20,410 lbs e) 4.0 Tons f) 9,460 lbs g) 0 lbs h) Liquid Chrome Waste = 16,985 lbs Solid Chrome Waste = 670 lbs i) 4,300 lbs
5. Transport Company	a) Waste Management b) Covanta & All Source Environmental c) Covanta & All Source Environmental d) Covanta e) Waste Management f) Covanta g) Covanta h) Covanta i) Covanta
6. Disposal Facility	a) Prairie View Landfill – Wyatt, Indiana b) Covanta – Portage, In. & Water Integrated Treatment Systems, Dolton, IL. c) Water Integrated Treatment Systems, Dolton, IL. & Covanta – Portage, In. d) Covanta – Portage, In. e) Prairie View Landfill – Wyatt, Indiana f) Covanta – Portage, In./AES Environmental - Calvert City, Kentucky g) Covanta – Portage, In./AES Environmental - Calvert City, Kentucky h) Envirite of Illinois – Harvey, Il. i) Covanta – Portage, In.

7. On-Site Storage	**Yes: X** (90 Day Accumulation Only)	**No:**
8. Describe (Include any Irregularities in Drums, Labels, or Manifests): Everything is labelled properly & stored, documented. No problems to report.		

9. Conditions:	**Good** Very Good	**Fair**	**Poor**	

10. Floor Drains in Storage Areas?	**Yes:**	**No: X**
11. Are SPCC Practices Adequate?	**Yes: X**	**No:**

12. Comments (Reference any Deficiencies by item no.):
Very well Kept so No Spilled drums may escape of anything liquid out of the storage area of their Chemicals. No problems to report.

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 10/25/19

H. Industrial Self-Monitoring		
1. Is Self–Monitoring Required?	YES: X	NO:
2. Sample Collections Method: Combination of Grabs and 24 hour composite sample as required by the constituent being sampled		
3. Is sampling location appropriate?	YES: ✓	
4. IU and POTW sample at same location?	YES: N/A	NO:
5. Chain-of-Custody Adequate?	YES: ✓	NO:
6. Sampling Equipment Adequate:	YES: ✓	NO:
7. Sample type appropriate?	YES: ✓	NO:
8. Sample containers Appropriate?	YES: ✓	NO:
9. Samples Properly Preserved?	YES: ✓	NO:
10. Holding times Short Enough?	YES: ✓	NO:
11. Sampling/ analysis done in accordance with 40 CFR 136?	YES: ✓	NO:
12. Is sampling frequency correct?	YES: ✓	NO:
13. IU certifying reports sent to POTW and IDEM?	YES: X	NO:
14. Sampling SOP reviewed?	YES: ✓	NO:
15. Sampling QA/QC documents reviewed?	YES: ✓	NO:
16. Analysis conducted	In-House	Contract Lab (Name) Test America
17. Self-Monitoring Records	YES: ✓	NO:
18. All Analytical results on File?	YES: ✓	NO:
19. Records Kept for Period Specified in Permit?	YES: X	NO:
20. Comments (Reference any Deficiencies by item no.): No deficiencies. Records & Reports, data have been sent.		

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 10/25/19

I. Final Comments
1. Questions/ Comments/ Discussion None Required
2. Follow Up Actions Required Documents for Flow Diagrams of Water & Wastewater Treatment are the same & operators license WW Class III updated 2020. Nothing else Required

Inspector(s) Signature(s): Nickie Gaps **Date:** 10/25/19

IU Representative Signature: Annette Patton **Date:** 10/25/2019

FORM ADAPTED FROM INDIANA PRETREATMENT GROUP INSPECTION FORM, NO. 0586B, DATED 03/90

Department of Environmental Management
Office of Water Quality – IGCN Room 1255
100 N. Senate Ave.
Indianapolis, IN 46204-2251

Wastewater Operator Class C

Certification#	Effective Date	Expiration Date
WW008970	07/01/2018	06/30/2020

Kenneth W. Paxson

Department of Environmental Management
Office of Water Quality – IGCN Room 1255
100 N. Senate Ave.
Indianapolis, IN 46204-2251

Wastewater Operator Class III

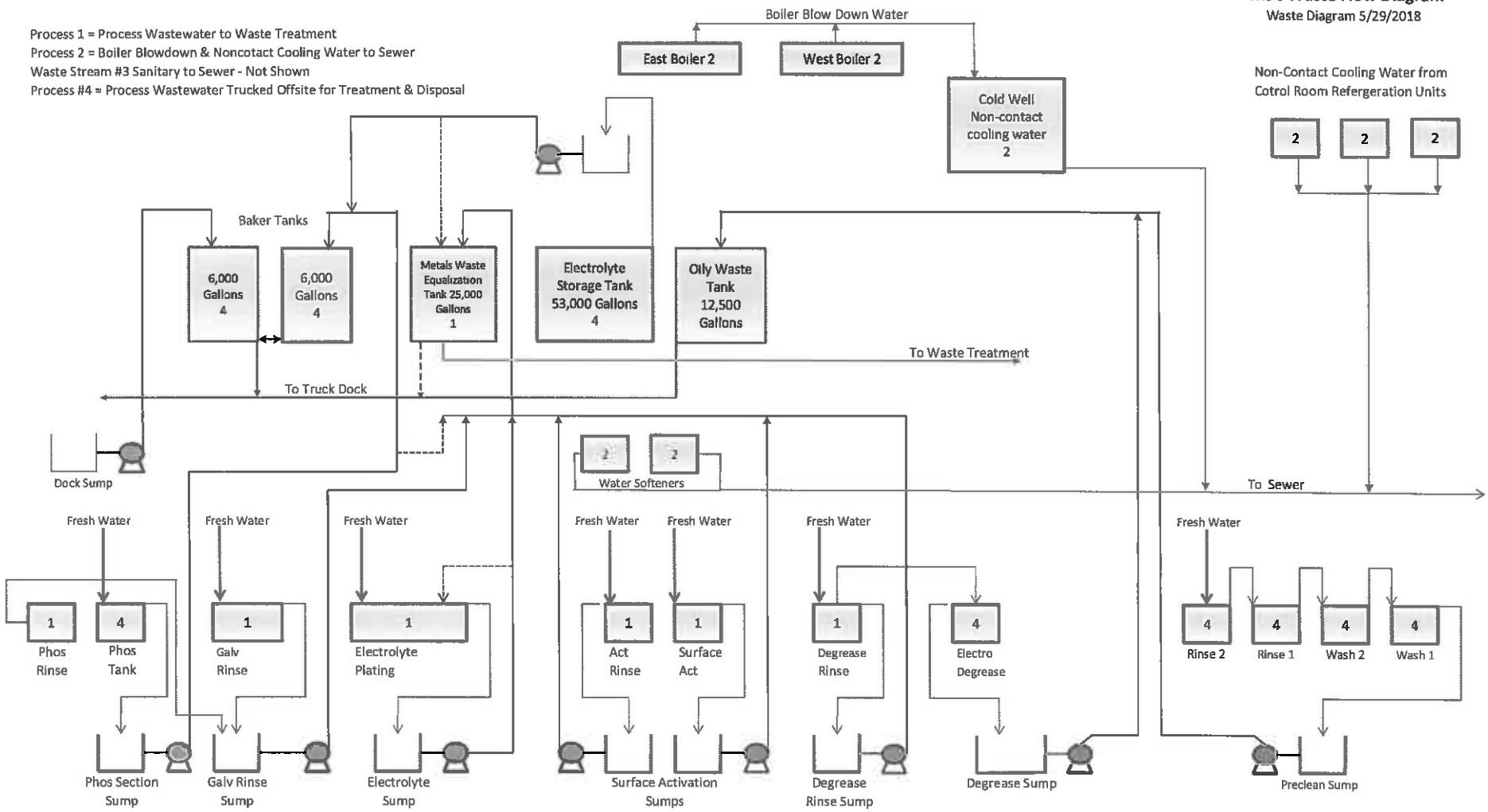
Certification#	Effective Date	Expiration Date
WW008969	07/01/2018	06/30/2020

Kenneth W. Paxson

MSC Waste Flow Diagram

Waste Diagram 5/29/2018

Process 1 = Process Wastewater to Waste Treatment
Process 2 = Boiler Blowdown & Noncotact Cooling Water to Sewer
Waste Stream #3 Sanitary to Sewer - Not Shown
Process #4 = Process Wastewater Trucked Offsite for Treatment & Disposal



Material Sciences Corporation
4407 Railroad Avenue
East Chicago, In 46312

Department of Environmental Management
Office of Water Quality -- IGCN Room 1255
100 N. Senate Ave.
Indianapolis, Indiana 46204-2251

Wastewater Operator Class III

NM. 12/28/18 update

Certification Number	Effective Date
WW008969	07/01/2018 6/30/2020

Kenneth W. Paxson

Certificate of Competency

This certifies that the person named above has fulfilled the requirements for certification as a wastewater treatment plant operator in accordance with IC 13-18-11 and is hereby certified as a Wastewater Operator Class III.

Bruno L. Pigott
Commissioner

Department of Environmental Management
Office of Water Quality – IGCN Room 1255
100 N. Senate Ave.
Indianapolis, Indiana 46204-2251

Wastewater Operator Class C

Certification Number	Effective Date
WW008970	07/01/2018 6/30/2020

Kenneth W. Paxson

Certificate of Competency

This certifies that the person named above has fulfilled the requirements for certification as a wastewater treatment plant operator in accordance with IC 13-18-11 and is hereby certified as a Wastewater Operator Class C.

Bruno L. Pigott
Commissioner

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 5 / 2019

INSPECTOR: Nickie Geros / Henry Padilla

STARTING TIME: 10:00 AM **ENDING TIME:** 12:00 PM

A. BACKGROUND INFORMATION			
1. Facility Name	W.R. Grace		
2. Facility Address	5215 Kennedy Ave		
3. Person Contacted / Title	Carl Muehlman EHS Manager		
4. No. of Employees	51		
5. Shift Starting Time	Shift1:11:00pm to 7:00am	Shift2: 7:00am to 3:00pm	Shift3:3:00pm to 11:00pm
6. Inspection Type	Unannounced:	Scheduled: X	

IF UNANNOUNCED, COMPLETE ITEMS BELOW, OTHERWISE GO TO ITEM No. 8.

a) New Company	Yes:	No:
b) Complaint	Yes:	No:
c) Spill	Yes:	No:
d) Violation	Yes:	No:
e) Other	Yes:	No:

7. Explain Reason for Inspection: Significant Industrial Users Annual Inspection

8. SPCC Plan Required and/or Slug Control Plan?	Yes X	No

IF REQUIRED PROCEED, OTHERWISE GO TO PAGE 2, PRETREATMENT PERMIT.

a) Is Plan on File?	Yes X	No
b) Is Plan Adequate?	Yes X	No

9. Explain Deficiencies in SPCC or Slug Control Plan?:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 5 / 2019

B. PRE-TREATMENT PERMIT		
1. Permit No. 401	2. Expiration Date: 5-1-2021	
3. Categorical Standard(s)	No	
4. Toxic Organic (Solvent) Management Plan Required	YES:	NO: X
If required, Proceed, Otherwise go to Item No. 6.		
a) Is Plan on File?	YES:	NO:
b) Is Plan Adequate?	YES:	NO:
5. Production Based Standard Applicable?	YES:	NO:
If So, current Average Production Rate(s)		
6. Are there any changes since last inspection or planned changes to the IU? **Future planned changes include update to their current wastewater treatment facility. Will keep us posted.**		
7. Do Permit Limits Represent Current Operations?	YES: X	NO:
If not, what changes are necessary?		
8. Are Self-Monitoring Reports Required?	YES:	NO: X
If required proceed, otherwise go to page 3 Part C. Water/Wastewater.		
a) Are Reports on File?	YES:	NO:
b) Are Reports Current?	YES:	NO:
c) Are Reports Complete?	YES:	NO:
9. Explain Deficiencies in Self-Monitoring Reports:		
10. Schematic or site map provided?	YES: X Sanitary, process, & site maps	NO:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 5 / 2019

C. WATER/WASTEWATER			
1. Source of Intake Water (GPD):	City: X	Well:	Other:
2. Discharge Method:	Volume (GPD) Month	Percent of Total	
a) Into Sewer	2,474,000	100%	
b) Via NPDES Permit			
c) Into Product			
d) Evaporation			
e) Other			
3. Discharge(s) to Sewer	Volume (GPD) Month	Percent of Total	
a) Industrial Process			
b) Contact Cooling			
a) Non-Contact Cooling			
b) Blow down			
a) Sanitary	Minimal < 10,000		
b) Other			
TOTAL	2,474,000	100%	
4. Process Discharge Flow:	Continuous	Intermittent X	Batch
If Batch	Gal/Batch	Frequency	
5. Type of Flow Measurement	6" Bailey/Fisher & Porter Magnetic Accuracy 0.5% of rate from 2% to 100% of meter Cal Factor; 0.01% of Cal Factor from 0% to 2% of Cal Factor		
Adequate for Expected Flows?	YES: X	NO:	
6. Date of Last Calibration:	October 31st 2019		
7. Number of Outfalls to POTW:	One		
8. Comments (Identify by Item No.):			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 5 / 2019

D. Manufacturing Area			
1. Product(s) or Service(s) and General Description of Processes: Sodium Silicate and Colloidal Silica Water glass Ludox			
2. Process Waste stream(s)	Description	To Sewer	To other (Specify)
Sanitary	Locker room & washrooms	Yes	
Process	Sodium Silicate and Colloidal Silica	No	Grand Calumet river
3. Are there floor drains in the manufacturing areas?	YES: X	NO:	
4. Do the floor drains lead directly to the POTW?	YES:	NO: X	
5. Are temporary hoses in place as part of production?	YES:	NO: X	
6. Process areas Inspected:	All of facility, inside, outside, storage areas, labs, production areas and tanks		
7. Conditions / Operation	Good X	Fair	Poor
8. General Housekeeping:	Good X	Fair	Poor
9. Conditions: Storage of product for shipment is Excellent and very clean.			
10. SPCC Practices Adequate?	YES: X	NO:	

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: **11 / 5 / 2019**

E. Materials Used (list any raw materials, solvents, oils, chemicals, pretreatment, and boiler/cooling tower additives) ***attach additional sheets if necessary***						
Chemical Substance Inventory provided?			**YES: √**		**NO:**	
Name	**Liquid?**	**Contained?**	**Size container**	**Quantity**	**MSDS?**	**Notes**
Sulfuric Acid	Yes	Yes	13,500 & 4,500 gal		Yes	Raw material & Wastewater treatment chemicals
Caustic (50%) Sodium Hydroxide	Yes	Yes	29,000 & 4,200 gal		Yes	Finished product additives & Wastewater treatment chemicals
Aluminum Chlorhydrate (Chlorhydrol)	Yes	Yes	55 gal		Yes	Finished product additives
Ammonium Hydroxide	Yes	Yes	250 gal		Yes	Finished product additives
Betz Cortrol IS3080K Sodium Bisulfite	Yes	Yes	110 gal		Yes	Boiler water treatment chemicals
Betz Optisperse APO200 K	Yes	Yes	110 gal		Yes	Boiler water treatment chemicals
Betz Polyfloc AP1138 B1		Yes	50 lb bags		Yes	Wastewater treatment chemicals
Name	**Liquid?**	**Contained?**	**Size container**	**Quantity**	**MSDS?**	**Notes**

BioBan BP		Yes	30 lb keg		Yes	Finished product additives
Dowicil 150	Yes	Yes	5 gal		Yes	Finished product additives
Ethylene Glycol	Yes	Yes	55 gal		Yes	Finished product additives
Kathon LX (14%)	Yes	Yes	5 gal		Yes	Finished product additives
Lime (Calcium Hydroxide)		Yes	Silo		Yes	Wastewater treatment chemicals
Lithium Hydroxide		Yes	50 lb bag		Yes	Finished product additives
Petroleum products	Yes	Yes	270 gal,55 gal & 5 gal		Yes	Lubricating oil, fuel, gasoline, Crystal Kleen, Gear oil
Ludox Colloidal Silica	Yes	Yes	55 to 50,000		Yes	Finished products
Sand		Yes	Silo		Yes	Raw material
Soda Ash (Sodium Carbonate)		Yes	Silo		Yes	Raw material
Sodium Aluminate	Yes	Yes	55 gal		Yes	Finished product additives
Sodium Silicate	Yes	Yes	20,000		Yes	Raw material & Finished products

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 5 / 2019

F. Pre-Treatment Area None				
1. Pretreatment System On-Site		**YES:**	**NO:**	
2. Schematic or site map provided?		**YES:**	**NO:**	
3. Description:				
4. Discharge	**Continuous**	**Intermittent**	**Batch**	**Other**
5. Conditions / Operation		**Good**	**Fair**	**Poor**
6. Comments (Reference any Deficiencies by item no.):				

7. Certified Operator(s)	**Licensed No.**	**Class**
8. SPCC Practices Adequate?	**Yes: X**	**No:**

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 5 / 2019

G. Chemical / Waste Storage Areas		*Quantity/yr*	*Transport Co.*
1. Sludge / Hazardous Waste:	a) Lab solvent hazardous CESQG	200 lbs	*Tradebe*
	b) Sodium Silicate amorphous glass non-hazardous	*80 tons*	*Republic*
	c) Cleaning solvent non-hazardous	*120gal*	*Crystal Kleen*
	d) Waste oil non-hazardous	*165gal*	*Future/Niles*
	e) Universal waste non-hazardous	*500 Lt. bulbs*	*W.M Lamp-tracker*
	f) Filter press cake non-hazardous	*3,345 tons*	*Z-Force*
	g) Tank cleaning bottoms non-hazardous	*300 tons*	*Republic*

2. Source of Waste		*Disposal facility*
	a) Lab test procedure	*Tradebe*
	b) Production glass chain	*Newton Co. Landfill*
	c) Parts cleaning. 20 gal tank. Christal Clean recycled	*Recycled*
	d) Gear box and hydraulic oil changes on equipment	*Recycled*
	e) Light bulbs, batteries & ballasts	*Recycled*
	f) Solid cake from waste water treatment filter press	*Newton Co. Landfill*
	g) Solids settled to the bottom of our silicate storage tanks	*Newton Co.*
3. Describe Hazardous Waste Handling	Lab generated a few once at a time, placed in a satellite accumulation container then transferred to a 5 gallon container for shipment.	
4. Quantity	Less than 200 lbs per year	
5. Transport Company	Tradebe	
6. Disposal Facility	Tradebe	

7. On-Site Storage	Yes: √	No:
8. Describe (Include any Irregularities in Drums, Labels, or Manifests)		

9. Conditions:	Good √	Fair	Poor
10. Floor Drains in Storage Areas?	Yes:	No: √	
11. Are SPCC Practices Adequate?	Yes: √	No:	
12. Comments (Reference any Deficiencies by item no.):			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 5 / 2019

H. Industrial Self-Monitoring		
1. Is Self–Monitoring Required?	YES:	NO: X
2. Sample Collections Method:		
3. Is sampling location appropriate?		
4. IU and POTW sample at same location?	YES:	NO:
5. Chain-of-Custody Adequate?	YES:	NO:
6. Sampling Equipment Adequate:	YES:	NO:
7. Sample type appropriate?	YES:	NO:
8. Sample containers Appropriate?	YES:	NO:
9. Samples Properly Preserved?	YES:	NO:
10. Holding times Short Enough?	YES:	NO:
11. Sampling/ analysis done in accordance with 40 CFR 136?	YES:	NO:
12. Is sampling frequency correct?	YES:	NO:
13. IU certifying reports sent to POTW and IDEM?	YES:	NO:
14. Sampling SOP reviewed?	YES:	NO:
15. Sampling QA/QC documents reviewed?	YES:	NO:
16. Analysis conducted	In-House	Contract Lab (Name)
17. Self-Monitoring Records	YES:	NO:
18. All Analytical results on File?	YES:	NO:
19. Records Kept for Period Specified in Permit?	YES:	NO:
20. Comments (Reference any Deficiencies by item no.):		

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 5 / 2019

I. Final Comments
1. Questions/ Comments/ Discussion No longer uses Formaldehyde
2. Follow Up Actions Required

Inspector(s) Signature(s): [illegible] **Date:** 11/5/19

IU Representative Signature: Carl E. Muehlman **Date:** 11/5/19

FORM ADAPTED FROM INDIANA PRETREATMENT GROUP INSPECTION FORM, NO. 0586B, DATED 03/90

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11/18/2019

INSPECTOR: Henry Padilla

STARTING TIME: 10:00 a.m. **ENDING TIME:** 10:30 a.m.

A. BACKGROUND INFORMATION: Outfall No. 521			
1. Facility Name	Lakeshore Railcar & Tanker Services LLC (LSRS)		
2. Facility Address	1150 E. 145th St. East Chicago, IN 46312		
3. Person Contacted / Title	James Kornas, V.P. Operations, Patriot Rail; 219-392-8100 ofc, 904-528-8629 cell David Hric, Wastewater Operator, LSRS 219-392-8108 ofc, 219-614-4026 cell Lee Walter, Sr. Engineer, PM Environmental 865-221-7870 ofc, 865-765-1059 cell		
4. No. of Employees	Twenty-Three (23) Water treatment in 2019 was typically daily M-F.		
5. Shift Starting Time	Shift 1: 6:00am-4:00pm	Shift 2: N/A	Shift 3: N/A
6. Inspection Type	Unannounced:	Scheduled: X	
IF UNANNOUNCED, COMPLETE ITEMS BELOW, OTHERWISE GO TO ITEM No. 8.			
a) New Company	Yes:	No:	
b) Complaint	Yes:	No:	
c) Spill	Yes:	No:	
d) Violation	Yes:	No:	
e) Other	Yes:	No:	
7. Explain Reason for Inspection: Scheduled Annual Site Inspection			
8. SPCC Plan Required and/or Slug Control Plan?	Yes X	No	
IF REQUIRED PROCEED, OTHERWISE GO TO PAGE 2, PRETREATMENT PERMIT.			
a) Is Plan on File?	Yes X	No	
b) Is Plan Adequate?	Yes X	No	
9. Explain Deficiencies in SPCC or Slug Control Plan: Updates needed to cover the new WWTP tanks and operations recently installed.			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11/18/19

B. PRE-TREATMENT PERMIT		
1. Permit No. 521	**2. Expiration Date: 05/20/2013**	
3. Categorical Standard(s) Yes, X; CWT Operations scheduled for startup on 11/25/19.		
4. Toxic Organic (Solvent)	**YES:**	**NO: X**
If required, Proceed, Otherwise go to Item No. 6.		
a) Is Plan on File?	**YES:**	**NO:**
b) Is Plan Adequate?	**YES:**	**NO:**
5. Production Based Standard Applicable?	**YES:**	**NO:**
If So, current Average Production Rate(s)		
6. Are there any changes since last inspection or planned changes to the IU? **A Change in Conditions has occurred. New Treatment system components with an upgraded capacity of 100 gpm. IU intends to begin CWT treatment operations and receiving outside wastewater on 11/25/19. This wastewater will initially consist of petroleum contact water (PCW) and oily vegetable-based waters. See Memo from PM Environmental on 11/18/19 summarizing the Change in Conditions.**		
7. Do Permit Limits Represent Current Operations?	**YES: X**	**NO:**
If not, what changes are necessary?		
8. Are Self-Monitoring Reports Required?	**YES: X**	**NO:**
If required proceed, otherwise go to page 3 Part C. Water/Wastewater.		
a) Are Reports on File?	**YES: X**	**NO:**
b) Are Reports Current?	**YES: X**	**NO:**
c) Are Reports Complete?	**YES: X**	**NO:**
9. Explain Deficiencies in Self-Monitoring Reports:		
10. Schematic or site map provided?	**YES: X**	**NO:**

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11/18/19

C. WATER/WASTEWATER			
1. Source of Intake Water (GPD):	City: X	Well:	Other:
2. Discharge Method:	Volume (GPD) Month	Percent of Total	
a) Into Sewer	451,779	100%	
b) Via NPDES Permit			
c) Into Product			
d) Evaporation			
e) Other			
3. Discharge(s) to Sewer	Volume (GPD) Month	Percent of Total	
a) Industrial Process	451,946		
b) Contact Cooling			
a) Non-Contact Cooling			
b) Blow down			
a) Sanitary			
b) Other			
TOTAL			
4. Process Discharge Flow:	Continuous	Intermittent:	Batch: X
If Batch	Gal/Batch: ~10,000	Frequency: ~8 hrs./day	
5. Type of Flow Measurement	Totalizing Meter – Laser Flow Sensor – ISCO Signature Ser. No. 217B00086; 0-100 gpm		
Adequate for Expected Flows?	YES: X	NO:	
6. Date of Last Calibration:	10/31/19		
7. Number of Outfalls to POTW:	1		
8. Comments (Identify by Item No.): New treatment system will operate as **batch treatment system process and typical batches will be 10,000 - 20,000 gallons.**			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11/18/19

D. Manufacturing Area #521			
1. Product(s) or Service(s) and General Description of Processes: Tanker truck and rail car cleaning. Residual product (heel) is collected and disposed of off site at third party disposal vendor. Cars are cleaned and rinsed, and rinse waters are collected for treatment. Offsite waste (PCW & vegetable based oily waters) is received at the facility in tankers (rail and truck) and are treated through the pre-treatment system and then discharged to the ECSD POTW through outfall #521.			
2. Process Waste stream(s)	Description	To Sewer	To other (Specify)
Non-Haz Sludge Generated	Non-Haz Sludge		Landfill
Recovered Oils	Non-Haz Oil		To recycling
3. Are there floor drains in the manufacturing areas?	YES:	NO: X	
4. Do the floor drains lead directly to the POTW?	YES:	NO: X	
5. Are temporary hoses in place as part of production?	YES:	NO: X	
6. Process areas Inspected:	Pre-treatment system, inside storage tank washing, Haz & Non-Haz waste storage building, railcars outside, small building outside and entire property. General storage of ~250 rail cars on site for cleaning operations.		
7. Conditions / Operation	Good X	Fair	Poor
8. General Housekeeping:	Good X	Fair	Poor
9. Conditions:			
10. SPCC Practices Adequate?	YES: X	NO:	

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: **11/18/19**

E. Materials Used (list any raw materials, solvents, oils, chemicals, pretreatment, and boiler/cooling tower additives) ***attach additional sheets if necessary:***

Chemical Substance Inventory provided?	YES: X	NO:

Name	Liquid?	Contained?	Size container	Quantity	MSDS?	Notes
Caustic	X	X	(1) 375 gal Tote	375 gals	X	
Sulfuric Acid	X	X	(8) 55 gal Drums	440 gals	X	
Coagulant	X	X	(1) 375 gal Tote	375 gals	X	
Flocculant	X	X	(4) 5 gal Buckets	20 gals	X	
Hydrogen Peroxide	X	X	(4) 55 gal Drums	220 gals	X	

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11/18/19

F. Pre-Treatment Area #521		
1. Pretreatment System On-Site	YES: X	NO:
2. Schematic or site map provided?	YES: X	NO:
3. Description:		

4. Discharge	Continuous	Intermittent X	Batch X	Other
5. Conditions / Operation		Good X	Fair	Poor

6. Comments (Reference any Deficiencies by item no.):

Current operator David Hric has an IN apprentice certification, working in conjunction with Sam Harris's Illinois Class 3 Group 3 & 4 license under agreement with the City. Lakeshore is currently looking to hire a licensed Indiana Class B operator in the near future.

7. Certified Operator(s)	Licensed No.	Class
David Hric	WWA00432 (Apprentice)	B
Sam Harris	Illinois License	Class 3 Industrial Operator
8. SPCC Practices Adequate?	Yes: X	No:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11/18/19

G. Chemical / Waste Storage Areas #521			
1. Sludge/Hazardous or Non-Hazardous Waste:	a) Non-Haz Sludge		
	b) Hazardous Drums/Totes		
	c) Non-Hazardous Drums/Totes		
2. Source of Waste	a) Sludge created by DAF Unit & Plate Clarifier		
	b) Residual product from truck tanker and railcar cleaning		
	c) Residual product from truck tanker and railcar cleaning		
3. Describe any Waste Handling (What happens to it?	Waste is categorized, drummed and sent off-site for disposal within 90 days		
4. Quantity	15-20 drums per month. 825-1100 gallons		
5. Transport Company	Various – depending on Hazardous/Non-Hazardous characterizations		
6. Disposal Facility	Various – depending on Hazardous/Non-Hazardous characterizations		
7. On-Site Storage	Yes: X	No:	
8. Describe (Include any Irregularities in Drums, Labels, or Manifests): NONE			
9. Conditions:	Good X	Fair	Poor
10. Floor Drains in Storage Areas?	Yes:	No: X	
11. Are SPCC Practices Adequate?	Yes: X	No:	
12. Comments (Reference any Deficiencies by item no.):			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11/18/19

H. Industrial Self-Monitoring #521		
1. Is Self-Monitoring Required?	YES: X	NO:
2. Sample Collections Method: Grab and composite		
3. Is sampling location appropriate?	YES: X	NO:
4. IU and POTW sample at same location?	YES: X	NO:
5. Chain-of-Custody Adequate?	YES: X	NO:
6. Sampling Equipment Adequate:	YES: X	NO:
7. Sample type appropriate?	YES: X	NO:
8. Sample containers Appropriate?	YES: X	NO:
9. Samples Properly Preserved?	YES: X	NO:
10. Holding times Short Enough?	YES: X	NO:
11. Sampling/ analysis done in accordance with 40 CFR 136?	YES: X	NO:
12. Is sampling frequency correct?	YES: X	NO:
13. IU certifying reports sent to POTW and IDEM?	YES: X	NO:
14. Sampling SOP reviewed?	YES: X	NO:
15. Sampling QA/QC documents reviewed?	YES: X	NO:
16. Analysis conducted		Contract Lab (Name) TestAmerica
17. Self-Monitoring Records	YES: X	NO:
18. All Analytical results on File?	YES: X	NO:
19. Records Kept for Period Specified in Permit?	YES: X	NO:
20. Comments (Reference any Deficiencies by item no.): All Up to date		

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11/18/19

I. Final Comments #521
1. Questions/ Comments/ Discussion
2. Follow Up Actions Required

Inspector(s) Signature(s): _____ **Date:** 3-4-2020

IU Representative Signature: _____ **Date:** 03/04/2020

FORM ADAPTED FROM INDIANA PRETREATMENT GROUP INSPECTION FORM, NO. 0586B, DATED 03/90

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 14 / 2019

INSPECTOR: Nickie Geros and Henry Padilla

STARTING TIME: 12:30 PM **ENDING TIME:** 1:30 PM

A. BACKGROUND INFORMATION			
1. Facility Name	Safety-Kleen Systems, Inc.		
2. Facility Address	601 Riley Road, East Chicago, IN 46312		
3. Person Contacted / Title	Michael Radcliffe/Sr. Mgr. Environmental Compliance		
4. No. of Employees			
5. Shift Starting Time	Shift 1: 06:00	Shift 2: 18:00	Shift 3:
6. Inspection Type	Unannounced:	Scheduled: Yes	

IF UNANNOUNCED, COMPLETE ITEMS BELOW, OTHERWISE GO TO ITEM No. 8.		
a) New Company	Yes:	No:
b) Complaint	Yes:	No:
c) Spill	Yes:	No:
d) Violation	Yes:	No:
e) Other	Yes:	No:
7. Explain Reason for Inspection: Annual inspection 2019		
8. SPCC Plan Required and/or Slug Control Plan?	Yes Both are required	No

IF REQUIRED PROCEED, OTHERWISE GO TO PAGE 2, PRETREATMENT PERMIT.		
a) Is Plan on File?	Yes On file	No
b) Is Plan Adequate?	Yes Yes	No
9. Explain Deficiencies in SPCC or Slug Control Plan?: None		

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 11 / 14 / 2019

B. PRE-TREATMENT PERMIT		
1. Permit No. 901	2. Expiration Date: August 21, 2023	
3. Categorical Standard(s)	Yes	
4. Toxic Organic (Solvent) Management Plan Required	YES:	NO: No
If required, Proceed, Otherwise go to Item No. 6.		
a) Is Plan on File?	YES:	NO:
b) Is Plan Adequate?	YES:	NO:
5. Production Based Standard Applicable?	YES:	NO:
If So, current Average Production Rate(s)		
6. Are there any changes since last inspection or planned changes to the IU? No		
7. Do Permit Limits Represent Current Operations?	YES: Yes	NO:
If not, what changes are necessary? Negotiating a higher available cyanide discharge limit		
8. Are Self-Monitoring Reports Required?	YES: X	NO:
If required proceed, otherwise go to page 3 Part C. Water/Wastewater.		
a) Are Reports on File?	YES: X	NO:
b) Are Reports Current?	YES: X	NO:
c) Are Reports Complete?	YES: X	NO:
9. Explain Deficiencies in Self-Monitoring Reports: None		
10. Schematic or site map provided?	YES: X	NO:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11 / 14 /2019

C. WATER/WASTEWATER			
1. Source of Intake Water (GPD):	City: X	Well:	Other:
2. Discharge Method:	Volume (GPD) Month	Percent of Total	
a) Into Sewer	4,461,280	100%	
b) Via NPDES Permit	0		
c) Into Product			
d) Evaporation			
e) Other			
3. Discharge(s) to Sewer	Volume (GPD) Month	Percent of Total	
a) Industrial Process		94.7%	
b) Contact Cooling		0%	
a) Non-Contact Cooling		0.5%	
b) Blow down		0%	
a) Sanitary		0.8%	
b) Other		0%	
TOTAL		100%	
4. Process Discharge Flow:	Continuous Yes	Intermittent	Batch
If Batch	Gal/Batch	Frequency	
5. Type of Flow Measurement			
Adequate for Expected Flows?	YES:X	NO:	
6. Date of Last Calibration:	April 2019		
7. Number of Outfalls to POTW:	One for sanitary and one for pretreatment works		
8. Comments (Identify by Item No.):			
ECSD permit only covers discharge from pretreatment works			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11 / 14 / 2019

D. Manufacturing Area

1. Product(s) or Service(s) and General Description of Processes:

Re-refining and reformulaiton of used oils to produce recycled oils for commercial and industrial use. Washing of truck trailers and rail cars with commercial soaps and water. Pretreatment of wastewaters using biological and physical/chemical treatment metrhods

2. Process Waste stream(s)	Description	To Sewer	To other (Specify)
Refining wastewater	Oily process water		On-site WWTP
Truck Trailer wash	Soapy and oil water		On Site WWTP
Rail car wash	Soapy and oily water		On site WWTP
Stormwater from containment	Precipitation possible oils		On-site WWTP
WWTP Discharge	Pretreated process wastewaters	Yes	

3. Are there floor drains in the manufacturing areas?	YES: X - containment areas only	NO:
4. Do the floor drains lead directly to the POTW?	YES:	NO: X
5. Are temporary hoses in place as part of production?	YES:	NO: X
6. Process areas Inspected:		

7. Conditions / Operation	Good X	Fair	Poor
8. General Housekeeping:	Good X	Fair	Poor

9. Conditions: Clean and neat

All floor drains got to on-site WWTP

10. SPCC Practices Adequate?	YES: X	NO:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11 / 14 / 2019

E. Materials Used (list any raw materials, solvents, oils, chemicals, pretreatment, and boiler/cooling tower additives) ***attach additional sheets if necessary***

Chemical Substance Inventory provided?	YES:X	NO:

Name	Liquid?	Contained?	Size container	Quantity	MSDS?	Notes
						se attached list

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11 / 14 / 2019

F. Pre-Treatment Area		
1. Pretreatment System On-Site	YES: X	NO:
2. Schematic or site map provided?	YES: X	NO:
3. Description:		

4. Discharge	Continuous X	Intermittent	Batch	Other
5. Conditions / Operation		Good X	Fair	Poor

6. Comments (Reference any Deficiencies by item no.):

7. Certified Operator(s)	Licensed No.	Class
8. SPCC Practices Adequate?	Yes: X	No:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11 / 14 / 2019

G. Chemical / Waste Storage Areas			
1. Sludge/Hazardous or Non-Hazardous Waste:	a) Laboratory testing waste - Haz		
	b) Used oil - Non-hazardous		
	c) Wastewater treatment sludge		
2. Source of Waste	a) On site analytical laboratory		
	b) Process wastes from re-refining operations		
	c) Basic biological and physical treatments		
3. Describe any Waste Handling (What happens to it?	Wastes from a are drummed and sent off-site for incineration (lab only), wastes from b are reused (waste caustic) and wastes from c are landfilled as non-hazardous wastes.		
4. Quantity	Varies with time and waste type		
5. Transport Company	Varies with waste stream		
6. Disposal Facility	Varies with waste type.		
7. On-Site Storage	Yes: X	No:	
8. Describe (Include any Irregularities in Drums, Labels, or Manifests): None			
9. Conditions:	Good X	Fair	Poor
10. Floor Drains in Storage Areas?	Yes:	No: X	
11. Are SPCC Practices Adequate?	Yes: X	No:	
12. Comments (Reference any Deficiencies by item no.): None			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11 / 14 / 2019

H. Industrial Self-Monitoring		
1. Is Self-Monitoring Required?	YES: X	NO:
2. Sample Collections Method: Grab and flow proportional methods are used as required by ECSD permit		
3. Is sampling location appropriate?	YES	
4. IU and POTW sample at same location?	YES:	NO: X
5. Chain-of-Custody Adequate?	YES: X	NO:
6. Sampling Equipment Adequate:	YES: X	NO:
7. Sample type appropriate?	YES: X	NO:
8. Sample containers Appropriate?	YES: X	NO:
9. Samples Properly Preserved?	YES: X	NO:
10. Holding times Short Enough?	YES: X	NO:
11. Sampling/ analysis done in accordance with 40 CFR 136?	YES: X	NO:
12. Is sampling frequency correct?	YES: X	NO:
13. IU certifying reports sent to POTW and IDEM?	YES: X	NO:
14. Sampling SOP reviewed?	YES: X	NO:
15. Sampling QA/QC documents reviewed?	YES: X	NO:
16. Analysis conducted	In-House	Contract Lab (Name) ALS
17. Self-Monitoring Records	YES: X	NO:
18. All Analytical results on File?	YES: X	NO:
19. Records Kept for Period Specified in Permit?	YES: X	NO:
20. Comments (Reference any Deficiencies by item no.): None		

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 11 / 14 / 2019

I. Final Comments
1. Questions/ Comments/ Discussion Good housekeeping
2. Follow Up Actions Required None

Inspector(s) Signature(s): _____ **Date:** _____

IU Representative Signature: _____ **Date:** 11/14/2019

FORM ADAPTED FROM INDIANA PRETREATMENT GROUP INSPECTION FORM, NO. 0586B, DATED 03/90

Waste Water Treatment Chemicals

		SUPPLIER	Safe Height	GL. Per Foot	GL. Per Inch	Total Cap.	LEVEL
T-609	**Coagulant - CP-1**	Out of Service	155"	428	35	5,500 Gals.	Empty
T-620	Sodium hypochlorite - Bleach	Wilson Chem.	162"	588	49	8,000 Gals.	
T-621	SW-829 Water Treatment	CCI Chemical	155"	428	35	5,500 Gals.	
Drum 55 Gal.	HD Deformer	CCI Chemical				55 Gal. Drum	
T-22290	**Aluminum Sulfate Solution**	Out of Service					Full
T-22291	**Aluminum Sulfate Solution**	Out of Service					Full
T-31607	**Sodium Bisulfite Solution**	Out of Service	160"	363	30	4,800 Gals.	Empty
Drum 55 Gal.	WW-2400 Cat. Polymer	CCI Chemical					
Tote 250 Gal.	Polymer DrewFloc 2449 Belt Press	Solenis					
Tote 250 Gal.	Polymer DrewFloc 2205 Belt Press	Solenis					
T-615	Sodium Hydroxide 50% - Caustic	Old World	20'	376	31	7,500 Gals.	

Emulsion Breaking Chemicals

T-23604	SW-829 Water Treatment	CCI Chemical				2350 Gals.	
T-151510	SW-829 Water Treatment	CCI Chemical			7	1100 Gals.	
T-151521	**Coagulant - EP-425**	Out of Service					Empty

Boiler Water Treatment Chemicals

T-BH2-A -11500	BL-1558 -Amines,Corrosive.	ChemTreat	90"		13	1350 GL.	
T-BH2-B-	BL-1258-Potassium Sulfite	ChemTreat				1500 GL.	
T-BH2-C -11477	BL-1342- Compound Boiler Treatment	ChemTreat	60"		15	1000 GL.	

Cooling Tower Treatment Chemicals

T-CT850-A -11501	CL-4855- Quadrasperse	ChemTreat	90"		13.5	1350 GL.	
T-CT850-B-11502	CL-49- Microbiocide	ChemTreat	90"		13.5	1350 GL.	
Drum 55 Gal.	CL-215 - Microbiocide	ChemTreat				55 Gal. Drum	
Drum 55 Gal.	CL-4855- Quadrasperse CT-101	ChemTreat				55 Gal. Drum	

CYANIDE TREATMENT		TOTES	
CNX-1	CCI Chenical		275 GL.
CNX-10	CCI Chenical		275 GL.
HYDROGEN PEROXIDE	CCI Chenical		275 GL.

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 12/9/19

INSPECTOR: Henry Padilla

STARTING TIME: 1000 A.m. **ENDING TIME:** 1100 A.m.

A. BACKGROUND INFORMATION #941			
1. Facility Name	[redacted], [redacted]. Praxair Inc		
2. Facility Address	25551 Dickey Rd		
3. Person Contacted / Title	Dovio Moore, Paul Piper, Joe Centemi		
4. No. of Employees	~25		
5. Shift Starting Time	Shift 1: 5am	Shift 2: 5pm	Shift 3:
6. Inspection Type	Unannounced:	Scheduled: ✓	

IF UNANNOUNCED, COMPLETE ITEMS BELOW, OTHERWISE GO TO ITEM No. 8.

a) New Company	Yes:	No:
b) Complaint	Yes:	No:
c) Spill	Yes:	No:
d) Violation	Yes:	No:
e) Other	Yes:	No:

7. Explain Reason for Inspection:

Routine Annual

8. SPCC Plan Required and/or Slug Control Plan?	Yes SPCC - will be updated in 2020	No

IF REQUIRED PROCEED, OTHERWISE GO TO PAGE 2, PRETREATMENT PERMIT.

a) Is Plan on File?	Yes	No
b) Is Plan Adequate?	Yes	No

9. Explain Deficiencies in SPCC or Slug Control Plan?:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

INSPECTION DATE: 12/ 9/ 19

B. PRE-TREATMENT PERMIT		
1. Permit No. Outfall #941	2. Expiration Date:	
3. Categorical Standard(s)		
4. Toxic Organic (Solvent) Management Plan Required	YES:	NO:
If required, Proceed, Otherwise go to Item No. 6.		
a) Is Plan on File?	YES:	NO:
b) Is Plan Adequate?	YES:	NO:
5. Production Based Standard Applicable?	YES:	NO:
If So, current Average Production Rate(s)		
6. Are there any changes since last inspection or planned changes to the IU?		
7. Do Permit Limits Represent Current Operations?	YES:	NO:
If not, what changes are necessary? N/A		
8. Are Self-Monitoring Reports Required?	YES:	NO:
If required proceed, otherwise go to page 3 Part C. Water/Wastewater.		
a) Are Reports on File?	YES:	NO:
b) Are Reports Current?	YES:	NO:
c) Are Reports Complete?	YES:	NO:
9. Explain Deficiencies in Self-Monitoring Reports:		
10. Schematic or site map provided?	YES: X SPCC Plan has as well as SWPPP	NO:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 12 / 9 / 17

C. WATER/WASTEWATER			
1. Source of Intake Water (GPD):	City: ✓	Well:	Other:
2. Discharge Method:	Volume (GPD) Month	Percent of Total	
a) Into Sewer	✓		
b) Via NPDES Permit		✓	
c) Into Product		✓	
d) Evaporation		✓	
e) Other		✓	
3. Discharge(s) to Sewer	Volume (GPD) Month	Percent of Total	
a) Industrial Process – H_2 Production boiler blow down			
b) Contact Cooling – H_2 Production cooling tower			
a) Non-Contact Cooling – CO_2 production cooling water			
b) Blow down – CO_2 Production boiler			
a) Sanitary			
b) Other – WW assoc. w/ maint. activities			
TOTAL	900,000	100%	
4. Process Discharge Flow:	Continuous X	Intermittent	Batch
If Batch	Gal/Batch	Frequency	
5. Type of Flow Measurement	Flow meter		
Adequate for Expected Flows?	YES: X	NO:	
6. Date of Last Calibration:	11-11-19		
7. Number of Outfalls to POTW:	1		
8. Comments (Identify by Item No.): N/A			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 12/9/19

D. Manufacturing Area			
1. Product(s) or Service(s) and General Description of Processes: Industrial Gas Manufacturing - specifically H_2 + CO_2			
2. Process Waste stream(s)	Description	To Sewer	To other (Specify)
3. Are there floor drains in the manufacturing areas?	YES:	NO: X	
4. Do the floor drains lead directly to the POTW?	YES:	NO: X	
5. Are temporary hoses in place as part of production?	YES:	NO: X	
6. Process areas Inspected:			
7. Conditions / Operation	Good X	Fair	Poor
8. General Housekeeping:	Good X	Fair	Poor
9. Conditions:			
10. SPCC Practices Adequate?	YES: X	NO:	

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 12 / 9 / 19

E. Materials Used (list any raw materials, solvents, oils, chemicals, pretreatment, and boiler/cooling tower additives) ***attach additional sheets if necessary*** in SPCC

Chemical Substance Inventory provided?	**YES:** x	**NO:**

Name	Liquid?	Contained?	Size container	Quantity	MSDS?	Notes
See	SPCC					

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 12/9/17

F. Pre-Treatment Area N/A				
1. Pretreatment System On-Site		YES:		NO:
2. Schematic or site map provided?		YES:		NO:
3. Description:				
4. Discharge	Continuous	Intermittent	Batch	Other
5. Conditions / Operation		Good	Fair	Poor
6. Comments (Reference any Deficiencies by item no.):				

7. Certified Operator(s)	Licensed No.	Class
8. SPCC Practices Adequate?	Yes: X	No:

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 12 / 9 / 17

G. Chemical / Waste Storage Areas			
1. Sludge/Hazardous or Non-Hazardous Waste:	a)		
	b)		
	c)		
2. Source of Waste	a) Universal wastes		
	b) Used oil		
	c)		
3. Describe any Waste Handling (What happens to it?	sent offsite to permitted & appropriate disposal/recycling location		
4. Quantity	VSQG		
5. Transport Company	Safety-Kleen		
6. Disposal Facility	Various		
7. On-Site Storage	Yes:	No: X	
8. Describe (Include any Irregularities in Drums, Labels, or Manifests):			
9. Conditions:	X Good	Fair	Poor
10. Floor Drains in Storage Areas?	Yes:	No: X	
11. Are SPCC Practices Adequate?	Yes: X	No:	
12. Comments (Reference any Deficiencies by item no.):			

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 12 / 9 / 17

H. Industrial Self-Monitoring		
1. Is Self–Monitoring Required?	YES:	NO: x
2. Sample Collections Method: City collects sample)		
3. Is sampling location appropriate?		
4. IU and POTW sample at same location?	YES:	NO:
5. Chain-of-Custody Adequate?	YES:	NO:
6. Sampling Equipment Adequate:	YES:	NO:
7. Sample type appropriate?	YES:	NO:
8. Sample containers Appropriate?	YES:	NO:
9. Samples Properly Preserved?	YES:	NO:
10. Holding times Short Enough?	YES:	NO:
11. Sampling/ analysis done in accordance with 40 CFR 136?	YES:	NO:
12. Is sampling frequency correct?	YES:	NO:
13. IU certifying reports sent to POTW and IDEM?	YES:	NO:
14. Sampling SOP reviewed?	YES:	NO:
15. Sampling QA/QC documents reviewed?	YES:	NO:
16. Analysis conducted	In-House	Contract Lab (Name)
17. Self-Monitoring Records	YES:	NO:
18. All Analytical results on File?	YES:	NO:
19. Records Kept for Period Specified in Permit?	YES:	NO:
20. Comments (Reference any Deficiencies by item no.):		

EAST CHICAGO SANITARY DISTRICT
INDUSTRIAL PRETREATMENT INSPECTION REPORT

Inspection Date: 12 / 9 / 19

I. Final Comments
1. Questions/ Comments/ Discussion
2. Follow Up Actions Required

Inspector(s) Signature(s): _____ **Date:** 12-09-19

IU Representative Signature: _____ **Date:** 12-9-19

FORM ADAPTED FROM INDIANA PRETREATMENT GROUP INSPECTION FORM, NO. 0586B, DATED 03/90

Annual Summary Data for #312 Electric Coatings

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/06/16	6.9	01/06/16	0.0000	03/15/16	0.0000	03/15/16	0.0050	01/06/16	0.0000
Sample #2 Date, Result	02/18/16	7.1	02/18/16	0.0000					02/18/16	0.0000
Sample #3 Date, Result	03/15/16	7.3	03/15/16	0.0000					03/15/16	0.0000
Minimum		6.9		0.0000		0.0000		0.0050		0.0000
Maximum		7.3		0.0000		0.0000		0.0050		0.0000
Average		7.1		0.0000		0.0000		0.0050		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/15/16	0.0140	01/06/16	0.0000	03/15/16	0.0000	01/06/16	0.0000	01/06/16	0.0740
Sample #2 Date, Result			02/18/16	0.0000			02/18/16	0.0000	02/18/16	0.0230
Sample #3 Date, Result			03/15/16	0.0000			03/15/16	0.0000	03/15/16	0.0210
Minimum		0.0140		0.0000		0.0000		0.0000		0.0210
Maximum		0.0140		0.0000		0.0000		0.0000		0.0740
Average		0.0140		0.0000		0.0000		0.0000		0.0393

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result			03/15/16	0.0000	01/06/16	0.2700	03/15/16	0.0001	01/06/16	0.3900
Sample #2 Date, Result					02/18/16	0.1500			02/18/16	0.2700
Sample #3 Date, Result					03/15/16	0.1500			03/15/16	0.4100
Minimum				0.0000		0.1500		0.0001		0.2700
Maximum				0.0000		0.2700		0.0001		0.4100
Average				0.0000		0.1900		0.0001		0.3567

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/06/16	0.2100	03/15/16	0.0100	01/06/16	0.0000	01/06/16	0.0000	01/06/16	0.0000
Sample #2 Date, Result	02/18/16	0.1100			02/18/16	0.0000	02/18/16	0.0000	02/18/16	0.0000
Sample #3 Date, Result	03/15/16	0.1200			03/15/16	0.0000	03/15/16	0.0000	03/15/16	0.0000
Minimum		0.1100		0.0100		0.0000		0.0000		0.0000
Maximum		0.2100		0.0100		0.0000		0.0000		0.0000
Average		0.1467		0.0100		0.0000		0.0000		0.0000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result									03/15/16	10.0000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										10.0000
Maximum										10.0000
Average										10.0000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	01/06/16	460.0000	01/06/16	0.0000	01/06/16	9,800.00	01/06/16	2.20	01/06/16	6,700.000
Sample #2 Date, Result	02/18/16	340.0000	02/18/16	16.0000	02/18/16	8,100.00	02/18/16	3.50	02/18/16	5,400.000
Sample #3 Date, Result	03/15/16	400.0000	03/15/16	48.0000	03/15/16	8,300.00	03/15/16	2.20	03/15/16	6,600.000
Minimum		340.0000		0.0000		8,100.00		2.20		5,400.000
Maximum		460.0000		48.0000		9,800.00		3.50		6,700.000
Average		400.0000		21.3333		8,733.33		2.63		6,233.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0000	0
Chromium*	mg/L	1.71	0.0000	0
Copper*	mg/L	2.07	0.0050	0
Nickel*	mg/L	2.38	0.0000	0
Silver*	mg/L	0.24	0.0000	0
Zinc*	mg/L	1.48	0.0393	0
Lead*	mg/L	0.43	0.0000	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/06/16	7.6	04/06/16	0.0000	06/08/16	0.0010	06/08/16	0.0050	04/06/16	0.0000
Sample #2 Date, Result	05/26/16	7.0	05/26/16	0.0000	06/14/16	0.0000	06/14/16	0.0037	05/26/16	0.0000
Sample #3 Date, Result	06/14/16	6.5	06/14/16	0.0000					06/08/16	0.0025
Minimum		6.5		0.0000		0.0000		0.0037		0.0000
Maximum		7.6		0.0000		0.0010		0.0050		0.0025
Average		7.0		0.0000		0.0005		0.0044		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/14/16	0.0120	04/06/16	0.0000	06/08/16	0.0025	04/06/16	0.0000	04/06/16	0.0320
Sample #2 Date, Result			05/26/16	0.0000	06/14/16	0.0000	05/26/16	0.0000	05/26/16	0.0340
Sample #3 Date, Result			06/08/16	0.0050			06/08/16	0.0050	06/08/16	0.0690
Minimum		0.0120		0.0000		0.0000		0.0000		0.0320
Maximum		0.0120		0.0050		0.0025		0.0050		0.0690
Average		0.0120		0.0017		0.0013		0.0017		0.0450

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/14/16	0.0018	06/14/16	0.0000	04/06/16	0.2000	06/14/16	0.0000	04/06/16	0.3700
Sample #2 Date, Result					05/26/16	1.5000			05/26/16	0.2900
Sample #3 Date, Result					06/14/16	0.1400			06/14/16	0.3000
Minimum		0.0018		0.0000		0.1400		0.0000		0.2900
Maximum		0.0018		0.0000		1.5000		0.0000		0.3700
Average		0.0018		0.0000		0.6133		0.0000		0.3200

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/06/16	0.1700	06/14/16	0.0100	04/06/16	0.0011	04/06/16	0.0000	04/06/16	0.0000
Sample #2 Date, Result	05/26/16	0.0700			05/26/16	0.0000	05/26/16	0.0000	05/26/16	0.0000
Sample #3 Date, Result	06/14/16	0.0900			06/08/16	0.0050	06/14/16	0.0000	06/14/16	0.0000
Minimum		0.0700		0.0100		0.0000		0.0000		0.0000
Maximum		0.1700		0.0100		0.0050		0.0000		0.0000
Average		0.1100		0.0100		0.0020		0.0000		0.0000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	06/08/16	0.0070	06/08/16	0.0010	06/08/16	0.0010	06/08/16	0.0050	06/14/16	0.0000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0070		0.0010		0.0010		0.0050		0.0000
Maximum		0.0070		0.0010		0.0010		0.0050		0.0000
Average		0.0070		0.0010		0.0010		0.0050		0.0000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	04/06/16	360.0000	04/06/16	15.0000	04/06/16	8,800.00	04/06/16	2.00	04/06/16	5,600.000
Sample #2 Date, Result	05/26/16	380.0000	05/26/16	0.0000	05/26/16	8,800.00	05/26/16	2.20	05/26/16	5,100.000
Sample #3 Date, Result	06/14/16	300.0000	06/14/16	14.0000	06/14/16	8,000.00	06/14/16	1.80	06/14/16	6,500.000
Minimum		300.0000		0.0000		8,000.00		1.80		5,100.000
Maximum		380.0000		15.0000		8,800.00		2.20		6,500.000
Average		346.6667		9.6667		8,533.33		2.00		5,733.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0005	0
Chromium*	mg/L	1.71	0.0020	0
Copper*	mg/L	2.07	0.0044	0
Nickel*	mg/L	2.38	0.0017	0
Silver*	mg/L	0.24	0.0013	0
Zinc*	mg/L	1.48	0.0450	0
Lead*	mg/L	0.43	0.0008	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/26/17	6.9	07/26/17	0.0000	08/16/17	0.0000	08/16/17	0.0025	07/26/17	0.0000
Sample #2 Date, Result	08/16/17	7.0	09/06/17	0.0000	09/06/17	0.0000	09/06/17	0.0028	08/16/17	0.0000
Sample #3 Date, Result	09/06/17	6.4							09/06/17	0.0000
Minimum		6.4		0.0000		0.0000		0.0025		0.0000
Maximum		7.0		0.0000		0.0000		0.0028		0.0000
Average		6.8		0.0000		0.0000		0.0027		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/06/17	0.0120	07/26/17	0.0000	08/16/17	0.0000	07/26/17	0.0000	07/26/17	0.0980
Sample #2 Date, Result			08/16/17	0.0000	09/06/17	0.0000	08/16/17	0.0000	08/16/17	0.0900
Sample #3 Date, Result			09/06/17	0.0000			09/06/17	0.0000	09/06/17	0.0960
Minimum		0.0120		0.0000		0.0000		0.0000		0.0900
Maximum		0.0120		0.0000		0.0000		0.0000		0.0980
Average		0.0120		0.0000		0.0000		0.0000		0.0947

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/06/17	0.0190	09/06/17	0.0000	07/26/17	0.3800	09/06/17	0.0000	07/26/17	1.4000
Sample #2 Date, Result					09/06/17	0.1800			09/06/17	0.5800
Sample #3 Date, Result										
Minimum		0.0190		0.0000		0.1800		0.0000		0.5800
Maximum		0.0190		0.0000		0.3800		0.0000		1.4000
Average		0.0190		0.0000		0.2800		0.0000		0.9900

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/26/17	0.1400	09/06/17	0.0300	07/26/17	0.0000	07/26/17	0.0124	07/26/17	0.0000
Sample #2 Date, Result	09/06/17	0.0000			08/16/17	0.0006	08/16/17	0.0000	09/06/17	0.0000
Sample #3 Date, Result					09/06/17	0.0009	09/06/17	0.0000		
Minimum		0.0000		0.0300		0.0000		0.0000		0.0000
Maximum		0.1400		0.0300		0.0009		0.0124		0.0000
Average		0.0700		0.0300		0.0005		0.0041		0.0000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result									09/06/17	5.6000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										5.6000
Maximum										5.6000
Average										5.6000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	07/26/17	440.0000	07/26/17	0.0000	07/26/17	20,000.00	07/26/17	5.80	07/26/17	20,000.000
Sample #2 Date, Result	09/06/17	700.0000	09/06/17	0.0000	09/06/17	8,300.00	09/06/17	6.60	09/06/17	810.000
Sample #3 Date, Result										
Minimum		440.0000		0.0000		8,300.00		5.80		810.000
Maximum		700.0000		0.0000		20,000.00		6.60		20,000.000
Average		570.0000		0.0000		14,150.00		6.20		10,405.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0000	0
Chromium*	mg/L	1.71	0.0005	0
Copper*	mg/L	2.07	0.0027	0
Nickel*	mg/L	2.38	0.0000	0
Silver*	mg/L	0.24	0.0000	0
Zinc*	mg/L	1.48	0.0947	0
Lead*	mg/L	0.43	0.0000	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/12/16	6.9	10/12/16	0.0000	10/12/16	0.0000	10/12/16	0.0040	10/12/16	0.0000
Sample #2 Date, Result	11/08/16	8.2	11/08/16	0.0000					11/08/16	0.0000
Sample #3 Date, Result	12/07/16	7.5	12/07/16	0.0000					12/07/16	0.0000
Minimum		6.9		0.0000		0.0000		0.0040		0.0000
Maximum		8.2		0.0000		0.0000		0.0040		0.0000
Average		7.5		0.0000		0.0000		0.0040		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/12/16	0.0091	10/12/16	0.0000	10/12/16	0.0000	10/12/16	0.0000	10/12/16	0.1600
Sample #2 Date, Result			11/08/16	0.0000			11/08/16	0.0000	11/08/16	0.2100
Sample #3 Date, Result			12/07/16	0.0000			12/07/16	0.0000	12/07/16	0.1400
Minimum		0.0091		0.0000		0.0000		0.0000		0.1400
Maximum		0.0091		0.0000		0.0000		0.0000		0.2100
Average		0.0091		0.0000		0.0000		0.0000		0.1700

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/12/16	0.0022	10/12/16	0.0000	10/12/16	0.2000	10/12/16	0.0001	10/12/16	0.5500
Sample #2 Date, Result					11/08/16	0.1900			11/08/16	0.4500
Sample #3 Date, Result					12/07/16	0.1800			12/07/16	0.5100
Minimum		0.0022		0.0000		0.1800		0.0001		0.4500
Maximum		0.0022		0.0000		0.2000		0.0001		0.5500
Average		0.0022		0.0000		0.1900		0.0001		0.5033

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/12/16	0.1600	10/12/16	0.0000	10/12/16	0.0000	10/12/16	0.0000	10/12/16	1.7000
Sample #2 Date, Result	11/08/16	0.0000			11/08/16	0.0000	11/08/16	0.0000	11/08/16	0.0000
Sample #3 Date, Result	12/07/16	0.0000			12/07/16	0.0000	12/07/16	0.0000	12/07/16	0.0000
Minimum		0.0000		0.0000		0.0000		0.0000		0.0000
Maximum		0.1600		0.0000		0.0000		0.0000		1.7000
Average		0.0533		0.0000		0.0000		0.0000		0.5667

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result									10/12/16	3.1000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										3.1000
Maximum										3.1000
Average										3.1000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	10/12/16	470.0000	10/12/16	25.0000	10/12/16	8,500.00	10/12/16	3.60	10/12/16	5,200.000
Sample #2 Date, Result	11/08/16	420.0000	11/08/16	9.4000	11/08/16	7,700.00	11/08/16	2.80	11/08/16	6,500.000
Sample #3 Date, Result	12/07/16	140.0000	12/07/16	21.0000	12/07/16	9,700.00	12/07/16	1.40	12/07/16	6,400.000
Minimum		140.0000		9.4000		7,700.00		1.40		5,200.000
Maximum		470.0000		25.0000		9,700.00		3.60		6,500.000
Average		343.3333		18.4667		8,633.33		2.60		6,033.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0000	0
Chromium*	mg/L	1.71	0.0000	0
Copper*	mg/L	2.07	0.0040	0
Nickel*	mg/L	2.38	0.0000	0
Silver*	mg/L	0.24	0.0000	0
Zinc*	mg/L	1.48	0.1700	0
Lead*	mg/L	0.43	0.0000	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/11/17	7.9	01/11/17	0.0000	01/11/17	0.0000	01/11/17	0.0038	01/11/17	0.0000
Sample #2 Date, Result	02/15/17	7.4	02/15/17	0.0000					02/15/17	0.0000
Sample #3 Date, Result	03/08/17	7.2	03/08/17	0.0000					03/08/17	0.0000
Minimum		7.2		0.0000		0.0000		0.0038		0.0000
Maximum		7.9		0.0000		0.0000		0.0038		0.0000
Average		7.5		0.0000		0.0000		0.0038		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	01/11/17	0.0065	01/11/17	0.0000	01/11/17	0.0000	01/11/17	0.0000	01/11/17	0.1300
Sample #2 Date, Result			02/15/17	0.0000			02/15/17	0.0000	02/15/17	0.1700
Sample #3 Date, Result			03/08/17	0.0000			03/08/17	0.0000	03/08/17	0.1700
Minimum		0.0065		0.0000		0.0000		0.0000		0.1300
Maximum		0.0065		0.0000		0.0000		0.0000		0.1700
Average		0.0065		0.0000		0.0000		0.0000		0.1567

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	01/11/17	0.0012	01/11/17	0.0000	01/11/17	0.1400	01/11/17	0.0000	01/11/17	0.4600
Sample #2 Date, Result					02/15/17	0.1400			02/15/17	0.4300
Sample #3 Date, Result					03/08/17	0.1300			03/08/17	0.4500
Minimum		0.0012		0.0000		0.1300		0.0000		0.4300
Maximum		0.0012		0.0000		0.1400		0.0000		0.4600
Average		0.0012		0.0000		0.1367		0.0000		0.4467

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/11/17	0.0500			01/11/17	0.0000	01/11/17	0.0003	01/11/17	0.0000
Sample #2 Date, Result	02/15/17	0.1700			02/15/17	0.0000	02/15/17	0.0000	02/15/17	0.0000
Sample #3 Date, Result	03/08/17	0.0900			03/08/17	0.0000	03/08/17	0.0000	03/08/17	1.6000
Minimum		0.0500				0.0000		0.0000		0.0000
Maximum		0.1700				0.0000		0.0003		1.6000
Average		0.1033				0.0000		0.0001		0.5333

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result									01/11/17	2.9000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										2.9000
Maximum										2.9000
Average										2.9000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	01/11/17	400.0000	01/11/17	23.0000	01/11/17	10,000.00	01/11/17	5.60	01/11/17	6,300.000
Sample #2 Date, Result	02/15/17	410.0000	02/15/17	27.0000	02/15/17	9,900.00	02/15/17	3.20	02/15/17	6,000.000
Sample #3 Date, Result	03/08/17	400.0000	03/08/17	26.0000	03/08/17	12,000.00	03/08/17	4.40	03/08/17	6,900.000
Minimum		400.0000		23.0000		9,900.00		3.20		6,000.000
Maximum		410.0000		27.0000		12,000.00		5.60		6,900.000
Average		403.3333		25.3333		10,633.33		4.40		6,400.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0000	0
Chromium*	mg/L	1.71	0.0000	0
Copper*	mg/L	2.07	0.0038	0
Nickel*	mg/L	2.38	0.0000	0
Silver*	mg/L	0.24	0.0000	0
Zinc*	mg/L	1.48	0.1567	0
Lead*	mg/L	0.43	0.0000	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/12/17	7.7	04/12/17	0.0000	04/12/17	0.0002	04/12/17	0.0017	04/12/17	0.0000
Sample #2 Date, Result	05/17/17	7.1	05/17/17	0.0000	05/25/17	0.0010	05/25/17	0.0050	05/17/17	0.0000
Sample #3 Date, Result	06/29/17	7.0	06/29/17	0.0000					05/25/17	0.0025
Minimum		7.0		0.0000		0.0002		0.0017		0.0000
Maximum		7.7		0.0000		0.0010		0.0050		0.0025
Average		7.3		0.0000		0.0006		0.0034		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/12/17	0.0180	04/12/17	0.0000	04/12/17	0.0000	04/12/17	0.0000	04/12/17	0.3200
Sample #2 Date, Result			05/17/17	0.0000	05/25/17	0.0025	05/17/17	0.0000	05/17/17	0.0870
Sample #3 Date, Result			05/25/17	0.0050			05/25/17	0.0050	05/25/17	0.0960
Minimum		0.0180		0.0000		0.0000		0.0000		0.0870
Maximum		0.0180		0.0050		0.0025		0.0050		0.3200
Average		0.0180		0.0017		0.0013		0.0017		0.1677

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/12/17	0.0014	04/12/17	0.0000	04/12/17	0.1400	04/12/17	0.0000	04/12/17	0.6200
Sample #2 Date, Result					05/17/17	0.1300			05/17/17	0.5400
Sample #3 Date, Result					06/29/17	0.1400			06/29/17	0.5100
Minimum		0.0014		0.0000		0.1300		0.0000		0.5100
Maximum		0.0014		0.0000		0.1400		0.0000		0.6200
Average		0.0014		0.0000		0.1367		0.0000		0.5567

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/12/17	0.0900	04/12/17	0.0000	04/12/17	0.0000	04/12/17	0.0013	04/12/17	0.0000
Sample #2 Date, Result	05/17/17	0.1100			05/17/17	0.0000	05/17/17	0.0063	05/17/17	0.0000
Sample #3 Date, Result	06/29/17	0.1100			05/25/17	0.0050	06/29/17	0.0000	06/29/17	0.0000
Minimum		0.0900		0.0000		0.0000		0.0000		0.0000
Maximum		0.1100		0.0000		0.0050		0.0063		0.0000
Average		0.1033		0.0000		0.0017		0.0025		0.0000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	05/25/17	0.0070	05/25/17	0.0020	05/25/17	0.0000	05/25/17	0.0050	04/12/17	2.6000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0070		0.0020		0.0000		0.0050		2.6000
Maximum		0.0070		0.0020		0.0000		0.0050		2.6000
Average		0.0070		0.0020		0.0000		0.0050		2.6000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	04/12/17	480.0000	04/12/17	35.0000	04/12/17	12,000.00	04/12/17	4.80	04/12/17	10,000.000
Sample #2 Date, Result	05/17/17	330.0000	05/17/17	24.0000	05/17/17	7,700.00	05/17/17	4.20	05/17/17	4,700.000
Sample #3 Date, Result	06/29/17	300.0000	06/29/17	0.0000	06/29/17	7,900.00	06/29/17	2.80	06/29/17	4,400.000
Minimum		300.0000		0.0000		7,700.00		2.80		4,400.000
Maximum		480.0000		35.0000		12,000.00		4.80		10,000.000
Average		370.0000		19.6667		9,200.00		3.93		6,366.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0006	0
Chromium*	mg/L	1.71	0.0017	0
Copper*	mg/L	2.07	0.0034	0
Nickel*	mg/L	2.38	0.0017	0
Silver*	mg/L	0.24	0.0013	0
Zinc*	mg/L	1.48	0.1677	0
Lead*	mg/L	0.43	0.0008	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/26/17	6.9	07/26/17	0.0000	08/16/17	0.0000	08/16/17	0.0025	07/26/17	0.0000
Sample #2 Date, Result	08/16/17	7.0	09/06/17	0.0000	09/06/17	0.0000	09/06/17	0.0028	08/16/17	0.0000
Sample #3 Date, Result	09/06/17	6.4							09/06/17	0.0000
Minimum		6.4		0.0000		0.0000		0.0025		0.0000
Maximum		7.0		0.0000		0.0000		0.0028		0.0000
Average		6.8		0.0000		0.0000		0.0027		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/06/17	0.0120	07/26/17	0.0000	08/16/17	0.0000	07/26/17	0.0000	07/26/17	0.0980
Sample #2 Date, Result			08/16/17	0.0000	09/06/17	0.0000	08/16/17	0.0000	08/16/17	0.0900
Sample #3 Date, Result			09/06/17	0.0000			09/06/17	0.0000	09/06/17	0.0960
Minimum		0.0120		0.0000		0.0000		0.0000		0.0900
Maximum		0.0120		0.0000		0.0000		0.0000		0.0980
Average		0.0120		0.0000		0.0000		0.0000		0.0947

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/06/17	0.0190	09/06/17	0.0000	07/26/17	0.3800	09/06/17	0.0000	07/26/17	1.4000
Sample #2 Date, Result					09/06/17	0.1800			09/06/17	0.5800
Sample #3 Date, Result										
Minimum		0.0190		0.0000		0.1800		0.0000		0.5800
Maximum		0.0190		0.0000		0.3800		0.0000		1.4000
Average		0.0190		0.0000		0.2800		0.0000		0.9900

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/26/17	0.1400	09/06/17	0.0300	07/26/17	0.0000	07/26/17	0.0124	07/26/17	0.0000
Sample #2 Date, Result	09/06/17	0.0000			08/16/17	0.0006	08/16/17	0.0000	09/06/17	0.0000
Sample #3 Date, Result					09/06/17	0.0009	09/06/17	0.0000		
Minimum		0.0000		0.0300		0.0000		0.0000		0.0000
Maximum		0.1400		0.0300		0.0009		0.0124		0.0000
Average		0.0700		0.0300		0.0005		0.0041		0.0000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result									09/06/17	5.6000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										5.6000
Maximum										5.6000
Average										5.6000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	07/26/17	440.0000	07/26/17	0.0000	07/26/17	20,000.00	07/26/17	5.80	07/26/17	20,000.000
Sample #2 Date, Result	09/06/17	700.0000	09/06/17	0.0000	09/06/17	8,300.00	09/06/17	6.60	09/06/17	810.000
Sample #3 Date, Result										
Minimum		440.0000		0.0000		8,300.00		5.80		810.000
Maximum		700.0000		0.0000		20,000.00		6.60		20,000.000
Average		570.0000		0.0000		14,150.00		6.20		10,405.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0000	0
Chromium*	mg/L	1.71	0.0005	0
Copper*	mg/L	2.07	0.0027	0
Nickel*	mg/L	2.38	0.0000	0
Silver*	mg/L	0.24	0.0000	0
Zinc*	mg/L	1.48	0.0947	0
Lead*	mg/L	0.43	0.0000	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/03/17	6.8	10/03/17	0.0000	11/08/17	0.0000	11/08/17	0.0024	10/03/17	0.0000
Sample #2 Date, Result	11/08/17	6.6	11/08/17	0.0000	11/10/17	0.0010	11/10/17	0.0050	11/08/17	0.0000
Sample #3 Date, Result	12/06/17	6.8	12/06/17	0.0000	12/06/17	0.0000	12/06/17	0.0038	11/10/17	0.0025
Minimum		6.6		0.0000		0.0000		0.0024		0.0000
Maximum		6.8		0.0000		0.0010		0.0050		0.0025
Average		6.7		0.0000		0.0003		0.0037		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/08/17	0.0170	10/03/17	0.0000	11/08/17	0.0000	10/03/17	0.0000	10/03/17	0.2200
Sample #2 Date, Result	12/06/17	0.0180	11/08/17	0.0000	11/10/17	0.0025	11/08/17	0.0000	11/08/17	0.0430
Sample #3 Date, Result			11/10/17	0.0050	12/06/17	0.0000	11/10/17	0.0050	11/10/17	0.1800
Minimum		0.0170		0.0000		0.0000		0.0000		0.0430
Maximum		0.0180		0.0050		0.0025		0.0050		0.2200
Average		0.0175		0.0017		0.0008		0.0017		0.1477

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/08/17	0.0021	11/08/17	0.0000	10/03/17	0.1200	11/08/17	0.0000	10/03/17	0.3000
Sample #2 Date, Result	12/06/17	0.0000	12/06/17	0.0000	11/08/17	0.1500	12/06/17	0.0000	11/08/17	0.3100
Sample #3 Date, Result					12/06/17	0.1800			12/06/17	0.2400
Minimum		0.0000		0.0000		0.1200		0.0000		0.2400
Maximum		0.0021		0.0000		0.1800		0.0000		0.3100
Average		0.0011		0.0000		0.1500		0.0000		0.2833

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/03/17	0.0500	11/08/17	0.0000	10/03/17	0.0000	10/03/17	0.0000	10/03/17	1.5000
Sample #2 Date, Result	11/08/17	0.0600	12/06/17	0.0000	11/08/17	0.0009	11/08/17	0.0000	11/08/17	0.0000
Sample #3 Date, Result	12/06/17	0.0500			11/10/17	0.0050	12/06/17	0.0015	12/06/17	0.0000
Minimum		0.0500		0.0000		0.0000		0.0000		0.0000
Maximum		0.0600		0.0000		0.0050		0.0015		1.5000
Average		0.0533		0.0000		0.0020		0.0005		0.5000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	11/10/17	0.0077	11/10/17	0.0020	11/10/17	0.0007	11/10/17	0.0050	11/08/17	0.0000
Sample #2 Date, Result									12/06/17	4.4000
Sample #3 Date, Result										
Minimum		0.0077		0.0020		0.0007		0.0050		0.0000
Maximum		0.0077		0.0020		0.0007		0.0050		4.4000
Average		0.0077		0.0020		0.0007		0.0050		2.2000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	10/03/17	380.0000	10/03/17	13.0000	10/03/17	8,000.00	10/03/17	2.20	10/03/17	4,300.000
Sample #2 Date, Result	11/08/17	240.0000	11/08/17	22.0000	11/08/17	8,800.00	11/08/17	17.00	11/08/17	6,500.000
Sample #3 Date, Result	12/06/17	520.0000	12/06/17	20.0000	12/06/17	6,400.00	12/06/17	10.00	12/06/17	3,800.000
Minimum		240.0000		13.0000		6,400.00		2.20		3,800.000
Maximum		520.0000		22.0000		8,800.00		17.00		6,500.000
Average		380.0000		18.3333		7,733.33		9.73		4,866.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0003	0
Chromium*	mg/L	1.71	0.0020	0
Copper*	mg/L	2.07	0.0037	0
Nickel*	mg/L	2.38	0.0017	0
Silver*	mg/L	0.24	0.0008	0
Zinc*	mg/L	1.48	0.1477	0
Lead*	mg/L	0.43	0.0008	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/03/18	5.0	01/03/18	0.0000	02/14/18	0.0000	02/14/18	0.0046	01/03/18	0.0000
Sample #2 Date, Result	02/14/18	7.1	02/14/18	0.0000					02/14/18	0.0000
Sample #3 Date, Result	03/07/18	6.9	03/07/18	0.0000					03/07/18	0.0000
Minimum		5.0		0.0000		0.0000		0.0046		0.0000
Maximum		7.1		0.0000		0.0000		0.0046		0.0000
Average		6.3		0.0000		0.0000		0.0046		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/14/18	0.0180	01/03/18	0.0000	02/14/18	0.0000	01/03/18	0.0000	01/03/18	0.1500
Sample #2 Date, Result			02/14/18	0.0000			02/14/18	0.0000	02/14/18	0.1200
Sample #3 Date, Result			03/07/18	0.0000			03/07/18	0.0000	03/07/18	0.1400
Minimum		0.0180		0.0000		0.0000		0.0000		0.1200
Maximum		0.0180		0.0000		0.0000		0.0000		0.1500
Average		0.0180		0.0000		0.0000		0.0000		0.1367

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/14/18	0.0057	02/14/18	0.0000	01/03/18	0.1700	02/14/18	0.0000	01/03/18	0.3500
Sample #2 Date, Result					02/14/18	0.1500			02/14/18	0.5400
Sample #3 Date, Result					03/07/18	0.1500			03/07/18	0.6100
Minimum		0.0057		0.0000		0.1500		0.0000		0.3500
Maximum		0.0057		0.0000		0.1700		0.0000		0.6100
Average		0.0057		0.0000		0.1567		0.0000		0.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/03/18	0.0000	02/14/18	0.0000	01/03/18	0.0008	01/03/18	0.0026	01/03/18	0.0000
Sample #2 Date, Result	02/14/18	0.0600			02/14/18	0.0009	02/14/18	0.0015	02/14/18	0.0000
Sample #3 Date, Result	03/07/18	0.0000			03/07/18	0.0000	03/07/18	0.0000	03/07/18	2.2000
Minimum		0.0000		0.0000		0.0000		0.0000		0.0000
Maximum		0.0600		0.0000		0.0009		0.0026		2.2000
Average		0.0200		0.0000		0.0006		0.0014		0.7333

	Residual Chlorine		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	02/14/18	0.0300							02/14/18	7.5000
Sample #2 Date, Result	03/07/18	0.0800								
Sample #3 Date, Result	03/21/18	0.0600								
Minimum		0.0300								7.5000
Maximum		0.0800								7.5000
Average		0.0567								7.5000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	01/03/18	500.0000	01/03/18	19.0000	01/03/18	6,000.00	01/03/18	1.60	01/03/18	4,000.000
Sample #2 Date, Result	02/14/18	390.0000	02/14/18	37.0000	02/14/18	7,100.00	02/14/18	4.70	02/14/18	4,500.000
Sample #3 Date, Result	03/07/18	650.0000	03/07/18	0.0000	03/07/18	7,300.00	03/07/18	5.20	03/07/18	4,800.000
Minimum		390.0000		0.0000		6,000.00		1.60		4,000.000
Maximum		650.0000		37.0000		7,300.00		5.20		4,800.000
Average		513.3333		18.6667		6,800.00		3.83		4,433.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Chloroform*	mg/L	2.13	2	0
Naphthalene*	mg/L	2.13	1	0
Methylene Chloride*	mg/L	2.13	1	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.00	0
Chromium*	mg/L	1.71	0.00	0
Copper*	mg/L	2.07	0.00	0
Nickel*	mg/L	2.38	0.00	0
Silver*	mg/L	0.24	0.00	0
Zinc*	mg/L	1.48	0.14	0
Lead*	mg/L	0.43	0.00	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/18/18	7.9	04/18/18	0.0000	04/18/18	0.0000	04/18/18	0.0025	04/18/18	0.0000
Sample #2 Date, Result	05/24/18	7.9	05/24/18	0.0000	05/02/18	0.0010	05/02/18	0.0050	05/02/18	0.0025
Sample #3 Date, Result	06/21/18	7.3	06/21/18	0.0000					05/24/18	0.0000
Minimum		7.3		0.0000		0.0000		0.0025		0.0000
Maximum		7.9		0.0000		0.0010		0.0050		0.0025
Average		7.7		0.0000		0.0005		0.0038		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/18/18	0.0160	04/18/18	0.0000	04/18/18	0.0000	04/18/18	0.0000	04/18/18	0.1300
Sample #2 Date, Result			05/02/18	0.0100	05/02/18	0.0025	05/02/18	0.0100	05/02/18	0.3000
Sample #3 Date, Result			05/24/18	0.0000			05/24/18	0.0000	05/24/18	0.1600
Minimum		0.0160		0.0000		0.0000		0.0000		0.1300
Maximum		0.0160		0.0100		0.0025		0.0100		0.3000
Average		0.0160		0.0033		0.0013		0.0033		0.1967

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/18/18	0.0049	04/18/18	0.0000	04/18/18	0.1100	04/18/18	0.0000	04/18/18	0.3800
Sample #2 Date, Result					05/24/18	0.1300			05/24/18	0.6300
Sample #3 Date, Result					06/21/18	0.1100			06/21/18	0.4500
Minimum		0.0049		0.0000		0.1100		0.0000		0.3800
Maximum		0.0049		0.0000		0.1300		0.0000		0.6300
Average		0.0049		0.0000		0.1167		0.0000		0.4867

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/18/18	0.0600	04/18/18	0.0100	04/18/18	0.0000	04/18/18	0.0000	04/18/18	4.0000
Sample #2 Date, Result	05/24/18	0.0700			05/02/18	0.0050	05/24/18	0.0014	05/24/18	2.0000
Sample #3 Date, Result	06/21/18	0.0500			05/24/18	0.0000	06/21/18	0.0000	06/21/18	3.9000
Minimum		0.0500		0.0100		0.0000		0.0000		2.0000
Maximum		0.0700		0.0100		0.0050		0.0014		4.0000
Average		0.0600		0.0100		0.0017		0.0005		3.3000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	05/02/18	0.0080	05/02/18	0.0020	05/02/18	0.0010	05/02/18	0.0050	04/18/18	3.9000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0080		0.0020		0.0010		0.0050		3.9000
Maximum		0.0080		0.0020		0.0010		0.0050		3.9000
Average		0.0080		0.0020		0.0010		0.0050		3.9000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	04/18/18	320.0000	04/18/18	27.0000	04/18/18	8,100.00	04/18/18	3.60	04/18/18	5,400.000
Sample #2 Date, Result	05/24/18	240.0000	05/24/18	0.0000	05/24/18	7,400.00	05/24/18	1.40	05/24/18	5,300.000
Sample #3 Date, Result	06/21/18	380.0000	06/21/18	24.0000	06/21/18	7,700.00	06/21/18	8.40	06/21/18	4,900.000
Minimum		240.0000		0.0000		7,400.00		1.40		4,900.000
Maximum		380.0000		27.0000		8,100.00		8.40		5,400.000
Average		313.3333		17.0000		7,733.33		4.47		5,200.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0005	0
Chromium*	mg/L	1.71	0.0017	0
Copper*	mg/L	2.07	0.0038	0
Nickel*	mg/L	2.38	0.0033	0
Silver*	mg/L	0.24	0.0013	0
Zinc*	mg/L	1.48	0.1967	0
Lead*	mg/L	0.43	0.0008	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/11/18	7.2	07/11/18	0.0000	09/19/18	0.0000	09/19/18	0.0044	07/11/18	0.0000
Sample #2 Date, Result	08/14/18	8.6	08/14/18	0.0000					08/14/18	0.0000
Sample #3 Date, Result	09/19/18	7.3							09/19/18	0.0000
Minimum		7.2		0.0000		0.0000		0.0044		0.0000
Maximum		8.6		0.0000		0.0000		0.0044		0.0000
Average		7.7		0.0000		0.0000		0.0044		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			07/11/18	0.0000	09/19/18	0.0000	07/11/18	0.0000	07/11/18	0.0850
Sample #2 Date, Result			08/14/18	0.0000			08/14/18	0.0000	08/14/18	0.2000
Sample #3 Date, Result			09/19/18	0.0000			09/19/18	0.0000	09/19/18	0.1700
Minimum				0.0000		0.0000		0.0000		0.0850
Maximum				0.0000		0.0000		0.0000		0.2000
Average				0.0000		0.0000		0.0000		0.1517

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					07/11/18	0.1500	08/14/18	0.0000	07/11/18	0.3400
Sample #2 Date, Result					08/14/18	0.1700			08/14/18	0.5600
Sample #3 Date, Result										
Minimum						0.1500		0.0000		0.3400
Maximum						0.1700		0.0000		0.5600
Average						0.1600		0.0000		0.4500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/11/18	0.0000			07/11/18	0.0000	07/11/18	0.0041	07/11/18	3.0000
Sample #2 Date, Result	08/14/18	0.0600			08/14/18	0.0000			08/14/18	0.0000
Sample #3 Date, Result					09/19/18	0.0000				
Minimum		0.0000				0.0000		0.0041		0.0000
Maximum		0.0600				0.0000		0.0041		3.0000
Average		0.0300				0.0000		0.0041		1.5000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	07/11/18	380.0000	07/11/18	20.0000	07/11/18	6,500.00	07/11/18	13.00	07/11/18	4,900.000
Sample #2 Date, Result	08/14/18	1,100.0000	08/14/18	32.0000	08/14/18	6,600.00	08/14/18	8.80	08/14/18	3,900.000
Sample #3 Date, Result										
Minimum		380.0000		20.0000		6,500.00		8.80		3,900.000
Maximum		1,100.0000		32.0000		6,600.00		13.00		4,900.000
Average		740.0000		26.0000		6,550.00		10.90		4,400.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0000	0
Chromium*	mg/L	1.71	0.0000	0
Copper*	mg/L	2.07	0.0044	0
Nickel*	mg/L	2.38	0.0000	0
Silver*	mg/L	0.24	0.0000	0
Zinc*	mg/L	1.48	0.1517	0
Lead*	mg/L	0.43	0.0000	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/10/18	7.4	10/10/18	0.0000	11/07/18	0.0010	11/07/18	0.0053	10/10/18	0.0000
Sample #2 Date, Result	11/14/18	7.6	11/14/18	0.0000	12/05/18	0.0000	12/05/18	0.0034	11/07/18	0.0025
Sample #3 Date, Result	12/05/18	7.6	12/05/18	0.0000					11/14/18	0.0000
Minimum		7.4		0.0000		0.0000		0.0034		0.0000
Maximum		7.6		0.0000		0.0010		0.0053		0.0025
Average		7.5		0.0000		0.0005		0.0044		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	12/05/18	0.0230	10/10/18	0.0000	11/07/18	0.0025	10/10/18	0.0000	10/10/18	0.0580
Sample #2 Date, Result			11/07/18	0.0050	12/05/18	0.0000	11/07/18	0.0050	11/14/18	0.0580
Sample #3 Date, Result			11/14/18	0.0000			11/14/18	0.0000	12/05/18	0.0300
Minimum		0.0230		0.0000		0.0000		0.0000		0.0300
Maximum		0.0230		0.0050		0.0025		0.0050		0.0580
Average		0.0230		0.0017		0.0013		0.0017		0.0487

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	12/05/18	0.0000	12/05/18	0.0000	10/10/18	0.1400	12/05/18	0.0000	10/10/18	0.0700
Sample #2 Date, Result					11/14/18	0.1000			11/14/18	0.4100
Sample #3 Date, Result					12/05/18	0.1100			12/05/18	0.1900
Minimum		0.0000		0.0000		0.1000		0.0000		0.0700
Maximum		0.0000		0.0000		0.1400		0.0000		0.4100
Average		0.0000		0.0000		0.1167		0.0000		0.2233

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/10/18	0.0900	10/10/18	0.0000	10/10/18	0.0000	10/10/18	0.0010	10/10/18	0.0000
Sample #2 Date, Result	11/14/18	0.0000	12/05/18	0.0000	11/07/18	0.0050	11/14/18	0.0000	11/14/18	0.0000
Sample #3 Date, Result	12/05/18	0.0600			11/14/18	0.0000	12/05/18	0.0025	12/05/18	0.0000
Minimum		0.0000		0.0000		0.0000		0.0000		0.0000
Maximum		0.0900		0.0000		0.0050		0.0025		0.0000
Average		0.0500		0.0000		0.0017		0.0012		0.0000

	Residual Chlorine		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	10/10/18	0.0000	11/07/18	0.0020	11/07/18	0.0010	11/07/18	0.0050	12/05/18	0.0000
Sample #2 Date, Result	11/14/18	0.0800								
Sample #3 Date, Result										
Minimum		0.0000		0.0020		0.0010		0.0050		0.0000
Maximum		0.0800		0.0020		0.0010		0.0050		0.0000
Average		0.0400		0.0020		0.0010		0.0050		0.0000

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	10/10/18	620.0000	10/10/18	23.0000	10/10/18	8,200.00	10/10/18	5.80	10/10/18	5,100.000
Sample #2 Date, Result	11/14/18	410.0000	11/14/18	11.0000	11/14/18	8,400.00	11/14/18	9.40	11/14/18	4,800.000
Sample #3 Date, Result	12/05/18	870.0000	12/05/18	0.0000	12/05/18	9,500.00	12/05/18	6.20	12/05/18	5,500.000
Minimum		410.0000		0.0000		8,200.00		5.80		4,800.000
Maximum		870.0000		23.0000		9,500.00		9.40		5,500.000
Average		633.3333		11.3333		8,700.00		7.13		5,133.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/09/19	7.6	01/09/19	0.0000	02/05/19	0.0002	02/05/19	0.0421	01/09/19	0.0000
Sample #2 Date, Result	02/05/19	7.7	02/05/19	0.0026	03/20/19	0.0002	03/20/19	0.0207	02/05/19	0.0002
Sample #3 Date, Result	03/20/19	7.6	03/20/19	0.0041					03/20/19	0.0002
Minimum		7.6		0.0000		0.0002		0.0207		0.0000
Maximum		7.7		0.0041		0.0002		0.0421		0.0002
Average		7.6		0.0022		0.0002		0.0314		0.0001

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/05/19	0.0106	01/09/19	0.0000			01/09/19	0.0000	01/09/19	0.1200
Sample #2 Date, Result	03/20/19	0.0272	02/05/19	0.0029			02/05/19	0.0029	02/05/19	0.0957
Sample #3 Date, Result			03/20/19	0.0019			03/20/19	0.0019	03/20/19	0.0543
Minimum		0.0106		0.0000				0.0000		0.0543
Maximum		0.0272		0.0029				0.0029		0.1200
Average		0.0189		0.0016				0.0016		0.0900

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/05/19	0.0100			01/09/19	0.1300	02/05/19	0.0001	01/09/19	0.4500
Sample #2 Date, Result					02/05/19	0.1000	03/20/19	0.0001	02/05/19	0.4700
Sample #3 Date, Result					03/20/19	0.2000			03/20/19	0.1900
Minimum		0.0100				0.1000		0.0001		0.1900
Maximum		0.0100				0.2000		0.0001		0.4700
Average		0.0100				0.1433		0.0001		0.3700

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/09/19	0.0000	02/05/19	0.0300	01/09/19	0.0000	01/09/19	0.0000	01/09/19	0.0000
Sample #2 Date, Result	02/05/19	0.0500	03/20/19	0.0300	02/05/19	0.0000	02/05/19	0.0020	02/05/19	5.0000
Sample #3 Date, Result	03/20/19	0.0500			03/20/19	0.0000	03/20/19	0.0020	03/20/19	5.0000
Minimum		0.0000		0.0300		0.0000		0.0000		0.0000
Maximum		0.0500		0.0300		0.0000		0.0020		5.0000
Average		0.0333		0.0300		0.0000		0.0013		3.3333

	Residual Chlorine		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result			02/05/19	0.0050	02/05/19	0.0100	02/05/19	0.0050		
Sample #2 Date, Result			03/20/19	0.0050	03/20/19	0.0100	03/20/19	0.0050		
Sample #3 Date, Result										
Minimum				0.0050		0.0100		0.0050		
Maximum				0.0050		0.0100		0.0050		
Average				0.0050		0.0100		0.0050		

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result	01/09/19	540.0000	01/09/19	26.0000	01/09/19	11,000.00	01/09/19	12.00	01/09/19	7,300.000
Sample #2 Date, Result			02/05/19	33.3000			02/05/19	2.00		
Sample #3 Date, Result			03/20/19	35.1000			03/20/19	4.00		
Minimum		540.0000		26.0000		11,000.00		2.00		7,300.000
Maximum		540.0000		35.1000		11,000.00		12.00		7,300.000
Average		540.0000		31.4667		11,000.00		6.00		7,300.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Chloroform*	mg/L	2.13	2	2
Naphthalene*	mg/L	2.13	2	2
Methylene Chloride*	mg/L	2.13	2	2

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.00	0
Chromium*	mg/L	1.71	0.00	0
Copper*	mg/L	2.07	0.03	0
Nickel*	mg/L	2.38	0.00	0
Silver*	mg/L	0.24		0
Zinc*	mg/L	1.48	0.09	0
Lead*	mg/L	0.43	0.00	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Chloroform*	mg/L	2.13	0	0
Naphthalene*	mg/L	2.13	0	0
Methylene Chloride*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.00	0
Chromium*	mg/L	1.71	0.00	0
Copper*	mg/L	2.07	0.00	0
Nickel*	mg/L	2.38	0.00	0
Silver*	mg/L	0.24	0.00	0
Zinc*	mg/L	1.48	0.05	0
Lead*	mg/L	0.43	0.00	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/10/19	7.5	04/10/19	0.0075	04/10/19	0.0002	04/10/19	0.0663	04/10/19	0.0001
Sample #2 Date, Result	05/22/19	8.4	05/22/19	0.0002	05/22/19	0.0002	05/22/19	0.0200	05/22/19	0.0002
Sample #3 Date, Result	06/19/19	8.0	06/19/19	0.0019	05/30/19	0.0010	05/30/19	0.0051	05/30/19	0.0025
Minimum		7.5		0.0002		0.0002		0.0051		0.0001
Maximum		8.4		0.0075		0.0010		0.0663		0.0025
Average		8.0		0.0032		0.0005		0.0305		0.0009

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/10/19	0.0287	04/10/19	0.0090	05/30/19	0.0025	04/10/19	0.0090	04/10/19	0.0982
Sample #2 Date, Result	05/22/19	0.0463	05/22/19	0.0046	06/19/19	0.0001	05/22/19	0.0046	05/22/19	0.0272
Sample #3 Date, Result	05/30/19	0.0160	05/30/19	0.0050			05/30/19	0.0050	05/30/19	0.1600
Minimum		0.0160		0.0046		0.0001		0.0046		0.0272
Maximum		0.0463		0.0090		0.0025		0.0090		0.1600
Average		0.0303		0.0062		0.0013		0.0062		0.0951

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/10/19	0.0100			04/10/19	0.1000	04/10/19	0.0001	04/10/19	0.5000
Sample #2 Date, Result	05/30/19	0.0078			05/22/19	0.5000	05/22/19	0.0001	05/22/19	0.4900
Sample #3 Date, Result					05/30/19	0.1300	05/30/19	0.0005	05/30/19	0.4100
Minimum		0.0078				0.1000		0.0001		0.4100
Maximum		0.0100				0.5000		0.0005		0.5000
Average		0.0089				0.2433		0.0002		0.4667

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/10/19	0.0500	04/10/19	0.0300	04/10/19	0.0000	04/10/19	0.0020	04/10/19	8.0000
Sample #2 Date, Result	05/22/19	0.1000	05/22/19	0.0300	05/22/19	0.0000	05/22/19	0.0020	05/22/19	5.0000
Sample #3 Date, Result	05/30/19	0.0500	05/30/19	0.0100	05/30/19	0.0100	05/30/19	0.0020	05/30/19	5.3000
Minimum		0.0500		0.0100		0.0000		0.0020		5.0000
Maximum		0.1000		0.0300		0.0100		0.0020		8.0000
Average		0.0667		0.0233		0.0033		0.0020		6.1000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	04/10/19	0.0200	04/10/19	0.0050	04/10/19	0.0100	04/10/19	0.0050		
Sample #2 Date, Result	05/22/19		05/22/19	0.0050	05/22/19	0.0100	05/30/19	0.0020		
Sample #3 Date, Result	06/19/19		06/19/19	0.0050	05/30/19	0.0010				
Minimum		0.0200		0.0050		0.0010		0.0020		
Maximum		0.0200		0.0050		0.0100		0.0050		
Average		0.0200		0.0050		0.0070		0.0035		

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result			04/10/19	21.3000			04/10/19	3.00		
Sample #2 Date, Result			05/22/19	31.0000			05/22/19	2.00		
Sample #3 Date, Result			05/30/19	21.0000			05/30/19	5.00		
Minimum				21.0000				2.00		
Maximum				31.0000				5.00		
Average				24.4333				3.33		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0005	0
Chromium*	mg/L	1.71	0.0033	0
Copper*	mg/L	2.07	0.0305	0
Nickel*	mg/L	2.38	0.0062	0
Silver*	mg/L	0.24	0.0013	0
Zinc*	mg/L	1.48	0.0951	0
Lead*	mg/L	0.43	0.0009	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/10/19	8.4	07/10/19	0.0012	07/10/19	0.0002	07/10/19	0.0307	07/10/19	0.0002
Sample #2 Date, Result	08/21/19	7.0	08/21/19	0.0050	08/21/19	0.0002	08/21/19	0.0349	08/21/19	0.0002
Sample #3 Date, Result	09/25/19	7.0	09/25/19	0.0058			09/25/19	0.0707	09/25/19	0.0002
Minimum		7.0		0.0012		0.0002		0.0307		0.0002
Maximum		8.4		0.0058		0.0002		0.0707		0.0002
Average		7.5		0.0040		0.0002		0.0454		0.0002

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/10/19	0.0265	07/10/19	0.0055	07/10/19	0.0001	07/10/19	0.0055	07/10/19	0.1830
Sample #2 Date, Result	08/21/19	0.0309	08/21/19	0.0051	08/21/19	0.0001	08/21/19	0.0051	08/21/19	0.0584
Sample #3 Date, Result	09/25/19	0.0326	09/25/19	0.0043			09/25/19	0.0043	09/25/19	0.0670
Minimum		0.0265		0.0043		0.0001		0.0043		0.0584
Maximum		0.0326		0.0055		0.0001		0.0055		0.1830
Average		0.0300		0.0049		0.0001		0.0049		0.1028

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/25/19	0.0163			07/10/19	0.1000	07/10/19	0.0001	07/10/19	0.4900
Sample #2 Date, Result					08/21/19	0.1000	08/21/19	0.0001	08/21/19	0.3200
Sample #3 Date, Result					09/25/19	0.1000	09/25/19	0.0001	09/25/19	0.1900
Minimum		0.0163				0.1000		0.0001		0.1900
Maximum		0.0163				0.1000		0.0001		0.4900
Average		0.0163				0.1000		0.0001		0.3333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/10/19	0.1000	07/10/19	0.0300	07/10/19	0.0000	07/10/19	0.0020	07/10/19	5.0000
Sample #2 Date, Result	09/25/19	0.1000	08/21/19	0.0300	08/21/19	0.0000	08/21/19	0.0020	08/21/19	5.0000
Sample #3 Date, Result			09/25/19	0.0300	09/25/19	0.0000	09/25/19	0.0020		
Minimum		0.1000		0.0300		0.0000		0.0020		5.0000
Maximum		0.1000		0.0300		0.0000		0.0020		5.0000
Average		0.1000		0.0300		0.0000		0.0020		5.0000

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	07/10/19		07/10/19	0.0050	07/10/19	0.0200				
Sample #2 Date, Result	08/21/19		08/21/19	0.0050	08/21/19	0.0100				
Sample #3 Date, Result										
Minimum				0.0050		0.0100				
Maximum				0.0050		0.0200				
Average				0.0050		0.0150				

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result			07/10/19	28.6000			07/10/19	2.00		
Sample #2 Date, Result			08/21/19	19.3000			08/21/19	2.00		
Sample #3 Date, Result			09/25/19	27.4000			09/25/19	3.00		
Minimum				19.3000				2.00		
Maximum				28.6000				3.00		
Average				25.1000				2.33		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0002	0
Chromium*	mg/L	1.71	0.0000	0
Copper*	mg/L	2.07	0.0454	0
Nickel*	mg/L	2.38	0.0049	0
Silver*	mg/L	0.24	0.0001	0
Zinc*	mg/L	1.48	0.1028	0
Lead*	mg/L	0.43	0.0002	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Dec 31, 2019

Industry Name: *Electric Coating Technologies*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/09/19	7.2	10/09/19	0.0003	10/29/19	0.0010	10/09/19	0.0980	10/09/19	0.0002
Sample #2 Date, Result	11/05/19	7.0	11/05/19	0.0002			10/29/19	0.0050	10/29/19	0.0025
Sample #3 Date, Result	12/11/19	6.3	12/11/19	0.0087			11/05/19	0.0132	11/05/19	0.0008
Minimum		6.3		0.0002		0.0010		0.0050		0.0002
Maximum		7.2		0.0087		0.0010		0.0980		0.0025
Average		6.8		0.0031		0.0010		0.0387		0.0012

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/09/19	0.0269	10/09/19	0.0058	10/09/19	0.0001	10/09/19	0.0058	10/09/19	0.0616
Sample #2 Date, Result	10/29/19	0.0190	10/29/19	0.0050	10/29/19	0.0025	10/29/19	0.0050	10/29/19	0.2100
Sample #3 Date, Result	11/05/19	0.0147	11/05/19	0.0040	11/05/19	0.0001	11/05/19	0.0040	11/05/19	0.0449
Minimum		0.0147		0.0040		0.0001		0.0040		0.0449
Maximum		0.0269		0.0058		0.0025		0.0058		0.2100
Average		0.0202		0.0049		0.0009		0.0049		0.1055

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/29/19	0.0075			10/09/19	0.1000	10/09/19	0.0001	10/09/19	0.1300
Sample #2 Date, Result	11/05/19	0.0200			10/29/19	0.1300	10/29/19	0.0002	10/29/19	0.6200
Sample #3 Date, Result	12/11/19	0.0500			11/05/19	0.1000	11/05/19	0.0001	11/05/19	0.2700
Minimum		0.0075				0.1000		0.0001		0.1300
Maximum		0.0500				0.1300		0.0002		0.6200
Average		0.0258				0.1100		0.0001		0.3400

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/09/19	0.1000	10/09/19	0.0300	10/09/19	0.0000	10/09/19	0.0020	10/09/19	5.0000
Sample #2 Date, Result	10/29/19	0.0500	10/29/19	0.0100	10/29/19	0.0100	10/29/19	0.0020	10/29/19	5.5000
Sample #3 Date, Result	11/05/19	0.1000	11/05/19	0.0300	11/05/19	0.0000	11/05/19	0.0020	11/05/19	5.0000
Minimum		0.0500		0.0100		0.0000		0.0020		5.0000
Maximum		0.1000		0.0300		0.0100		0.0020		5.5000
Average		0.0833		0.0233		0.0033		0.0020		5.1667

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result					10/09/19	0.0100	10/29/19	0.0050		
Sample #2 Date, Result					10/29/19	0.0010				
Sample #3 Date, Result										
Minimum						0.0010		0.0050		
Maximum						0.0100		0.0050		
Average						0.0055		0.0050		

	Chloride		Chemical Oxygen Demand		TDS		TSS		Sulfate	
Sample #1 Date, Result			10/09/19	32.0000			10/09/19	2.00		
Sample #2 Date, Result			10/29/19	45.0000			10/29/19	15.00		
Sample #3 Date, Result			11/05/19	36.5000			11/05/19	2.00		
Minimum				32.0000				2.00		
Maximum				45.0000				15.00		
Average				37.8333				6.33		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Dec 31, 2019

Industry Name: *Electric Coating Technologies*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0010	0
Chromium*	mg/L	1.71	0.0033	0
Copper*	mg/L	2.07	0.0387	0
Nickel*	mg/L	2.38	0.0049	0
Silver*	mg/L	0.24	0.0009	0
Zinc*	mg/L	1.48	0.1055	0
Lead*	mg/L	0.43	0.0012	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Annual Summary Data for #401 W R Grace

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result			01/25/16	0.0084	01/25/16	0.0048	01/25/16	0.0150	01/25/16	0.0038
Sample #2 Date, Result			01/26/16	0.0084	01/26/16	0.0048	01/26/16	0.0150	01/26/16	0.0038
Sample #3 Date, Result			02/24/16	0.0000					02/24/16	0.1400
Minimum				0.0000		0.0048		0.0150		0.0038
Maximum				0.0084		0.0048		0.0150		0.1400
Average				0.0056		0.0048		0.0150		0.0492

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	01/25/16	0.00330	01/25/16	0.00200	01/25/16	0.0000	01/25/16	0.00000	01/25/16	1.9000
Sample #2 Date, Result	01/26/16	0.00330	01/26/16	0.00200	01/26/16	0.0000	01/26/16	0.00000	01/26/16	1.9000
Sample #3 Date, Result							02/24/16	0.00000	02/24/16	0.1200
Minimum		0.0033		0.0020		0.0000		0.0000		0.1200
Maximum		0.0033		0.0020		0.0000		0.0000		1.9000
Average		0.0033		0.0020		0.0000		0.0000		1.3067

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	01/25/16	0.0000	01/25/16	0.000			01/25/16	0.0000		
Sample #2 Date, Result	01/26/16	0.0000	01/26/16	0.000			01/26/16	0.0000		
Sample #3 Date, Result										
Minimum		0.0000		0.0000				0.0000		
Maximum		0.0000		0.0000				0.0000		
Average		0.0000		0.0000				0.0000		

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result					01/25/16	0.0000	01/26/16	0.0000		
Sample #2 Date, Result					01/26/16	0.0000				
Sample #3 Date, Result					02/24/16	0.0170				
Minimum						0.0000		0.0000		
Maximum						0.0170		0.0000		
Average						0.0057		0.0000		

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result			04/25/16	0.0084	04/25/16	0.0059	04/25/16	0.0160	04/25/16	0.0000
Sample #2 Date, Result			05/25/16	0.0035					05/25/16	0.0046
Sample #3 Date, Result			06/23/16	0.0000					06/23/16	0.0000
Minimum				0.0000		0.0059		0.0160		0.0000
Maximum				0.0084		0.0059		0.0160		0.0046
Average				0.0040		0.0059		0.0160		0.0015

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/25/16	0.00600	04/25/16	0.00200	04/25/16	0.0000	04/25/16	0.00000	04/25/16	1.6000
Sample #2 Date, Result							05/25/16	0.00000	05/25/16	0.7900
Sample #3 Date, Result							06/23/16	0.00000	06/23/16	0.3200
Minimum		0.0060		0.0020		0.0000		0.0000		0.3200
Maximum		0.0060		0.0020		0.0000		0.0000		1.6000
Average		0.0060		0.0020		0.0000		0.0000		0.9033

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/25/16	0.0000	04/25/16	0.000			04/25/16	0.0000		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0000		0.0000				0.0000		
Maximum		0.0000		0.0000				0.0000		
Average		0.0000		0.0000				0.0000		

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result					04/25/16	0.0000	04/25/16	0.0000		
Sample #2 Date, Result					05/25/16	0.0013				
Sample #3 Date, Result					06/23/16	0.0000				
Minimum						0.0000		0.0000		
Maximum						0.0013		0.0000		
Average						0.0004		0.0000		

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result			10/04/16	0.0045	10/04/16	0.0029	10/04/16	0.0110	10/04/16	0.0000
Sample #2 Date, Result			10/05/16	0.0045	10/05/16	0.0029	10/05/16	0.0110	10/05/16	0.0000
Sample #3 Date, Result			11/29/16	0.0000					12/08/16	0.0029
Minimum				0.0000		0.0029		0.0110		0.0000
Maximum				0.0045		0.0029		0.0110		0.0029
Average				0.0030		0.0029		0.0110		0.0010

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/04/16	0.00530	10/04/16	0.00180	10/04/16	0.0000	10/04/16	0.00000	10/04/16	0.5300
Sample #2 Date, Result	10/05/16	0.00530	10/05/16	0.00180	10/05/16	0.0000	10/05/16	0.00000	10/05/16	0.5300
Sample #3 Date, Result							12/08/16	0.00000	12/08/16	0.9700
Minimum		0.0053		0.0018		0.0000		0.0000		0.5300
Maximum		0.0053		0.0018		0.0000		0.0000		0.9700
Average		0.0053		0.0018		0.0000		0.0000		0.6767

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/04/16	0.0000	10/04/16	0.000			10/04/16	0.0000		
Sample #2 Date, Result	10/05/16	0.0000	10/05/16	0.000			10/05/16	0.0000		
Sample #3 Date, Result										
Minimum		0.0000		0.0000				0.0000		
Maximum		0.0000		0.0000				0.0000		
Average		0.0000		0.0000				0.0000		

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result					10/04/16	0.0000	10/05/16	0.0000		
Sample #2 Date, Result					10/05/16	0.0000				
Sample #3 Date, Result					12/08/16	0.0000				
Minimum						0.0000		0.0000		
Maximum						0.0000		0.0000		
Average						0.0000		0.0000		

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result							11/29/16	640.00		
Sample #2 Date, Result							12/08/16	610.00		
Sample #3 Date, Result										
Minimum								610.00		
Maximum								640.00		
Average								625.00		

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/03/17	9.5	01/04/17	0.0000	01/04/17	0.0034	01/04/17	0.0150	01/04/17	0.0000
Sample #2 Date, Result	02/28/17	8.7	02/28/17	0.0000					02/28/17	0.0000
Sample #3 Date, Result	03/09/17	7.3	03/09/17	0.0038					03/09/17	0.0050
Minimum		7.3		0.0000		0.0034		0.0150		0.0000
Maximum		9.5		0.0038		0.0034		0.0150		0.0050
Average		8.5		0.0013		0.0034		0.0150		0.0017

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	01/04/17	0.00540	01/04/17	0.00100	01/04/17	0.0000	01/04/17	0.00000	01/04/17	0.8800
Sample #2 Date, Result							02/28/17	0.00000	02/28/17	0.8400
Sample #3 Date, Result							03/09/17	0.00000	03/09/17	1.4000
Minimum		0.0054		0.0010		0.0000		0.0000		0.8400
Maximum		0.0054		0.0010		0.0000		0.0000		1.4000
Average		0.0054		0.0010		0.0000		0.0000		1.0400

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	01/04/17	0.0000	01/04/17	0.000	01/04/17	1.4000			01/04/17	3.2000
Sample #2 Date, Result					02/28/17	0.3400				
Sample #3 Date, Result					03/09/17	1.3000				
Minimum		0.0000		0.0000		0.3400				3.2000
Maximum		0.0000		0.0000		1.4000				3.2000
Average		0.0000		0.0000		1.0133				3.2000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/04/17	0.1600	01/04/17	0.0400	01/04/17	0.0000	01/04/17	0.0000	01/04/17	0.0000
Sample #2 Date, Result	02/28/17	0.0700			02/28/17	0.0049				
Sample #3 Date, Result	03/09/17	0.7000			03/09/17	0.0000				
Minimum		0.0700		0.0400		0.0000		0.0000		0.0000
Maximum		0.7000		0.0400		0.0049		0.0000		0.0000
Average		0.3100		0.0400		0.0016		0.0000		0.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	01/03/17	0.0000	01/04/17	13.0000	01/04/17	31.00	01/04/17	1,600.00	01/04/17	40.00
Sample #2 Date, Result					02/28/17	31.00	02/28/17	2,400.00	02/28/17	740.00
Sample #3 Date, Result					03/09/17	33.00	03/09/17	800.00	03/09/17	15.00
Minimum		0.0000		13.0000		31.0000		800.00		15.00
Maximum		0.0000		13.0000		33.0000		2,400.00		740.00
Average		0.0000		13.0000		31.6667		1,600.00		265.00

	Sulfate	
Sample #1 Date, Result	01/04/17	770.000
Sample #2 Date, Result	02/28/17	910.000
Sample #3 Date, Result	03/09/17	1.100
Minimum		1.100
Maximum		910.000
Average		560.367

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/04/17	7.5	04/04/17	0.0098	04/04/17	0.0050	04/04/17	0.0140	04/04/17	0.0000
Sample #2 Date, Result	05/02/17	8.2	05/02/17	0.0000					05/02/17	0.0000
Sample #3 Date, Result	06/01/17	7.5	06/01/17	0.0000					06/01/17	0.0000
Minimum		7.5		0.0000		0.0050		0.0140		0.0000
Maximum		8.2		0.0098		0.0050		0.0140		0.0000
Average		7.7		0.0033		0.0050		0.0140		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/04/17	0.00270	04/04/17	0.00130	04/04/17	0.0000	04/04/17	0.00000	04/04/17	1.4000
Sample #2 Date, Result							05/02/17	0.00000	05/02/17	0.1100
Sample #3 Date, Result							06/01/17	0.00000	06/01/17	0.9100
Minimum		0.0027		0.0013		0.0000		0.0000		0.1100
Maximum		0.0027		0.0013		0.0000		0.0000		1.4000
Average		0.0027		0.0013		0.0000		0.0000		0.8067

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/04/17	0.0000	04/04/17	0.000	04/04/17	1.0000	04/04/17	0.0000	04/04/17	2.5000
Sample #2 Date, Result					05/02/17	0.2300				
Sample #3 Date, Result					06/01/17	1.4000				
Minimum		0.0000		0.0000		0.2300		0.0000		2.5000
Maximum		0.0000		0.0000		1.4000		0.0000		2.5000
Average		0.0000		0.0000		0.8767		0.0000		2.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/04/17	0.0900	04/04/17	0.0100	04/04/17	0.0018	04/04/17	0.0000	04/04/17	0.0000
Sample #2 Date, Result	05/02/17	0.5100			05/02/17	0.0083				
Sample #3 Date, Result	06/01/17	0.9100			06/01/17	0.0013				
Minimum		0.0900		0.0100		0.0013		0.0000		0.0000
Maximum		0.9100		0.0100		0.0083		0.0000		0.0000
Average		0.5033		0.0100		0.0038		0.0000		0.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/04/17	0.1300	04/04/17	7.4000	04/04/17	33.00	04/04/17	1,200.00	04/04/17	12.00
Sample #2 Date, Result					05/02/17	27.00	05/02/17	6,200.00	05/02/17	690.00
Sample #3 Date, Result					06/01/17	37.00	06/01/17	790.00	06/01/17	42.00
Minimum		0.1300		7.4000		27.0000		790.00		12.00
Maximum		0.1300		7.4000		37.0000		6,200.00		690.00
Average		0.1300		7.4000		32.3333		2,730.00		248.00

	Sulfate	
Sample #1 Date, Result	04/04/17	130.000
Sample #2 Date, Result	05/02/17	3,700.000
Sample #3 Date, Result	06/01/17	150.000
Minimum		130.000
Maximum		3,700.000
Average		1,326.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *WR Grace-Conn*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/13/17	7.4	07/13/17	0.0000	07/13/17	0.0019	07/13/17	0.0110	07/13/17	0.0000
Sample #2 Date, Result	08/01/17	7.4	08/01/17	0.0000					08/01/17	0.0000
Sample #3 Date, Result	09/21/17	9.2	09/21/17	0.0000					09/21/17	0.0000
Minimum		7.4		0.0000		0.0019		0.0110		0.0000
Maximum		9.2		0.0000		0.0019		0.0110		0.0000
Average		8.0		0.0000		0.0019		0.0110		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/13/17	0.00720	07/13/17	0.00130	07/13/17	0.0000	07/13/17	0.00000	07/13/17	0.4200
Sample #2 Date, Result							08/01/17	0.00000	08/01/17	0.3600
Sample #3 Date, Result							09/21/17	0.00000	09/21/17	0.0850
Minimum		0.0072		0.0013		0.0000		0.0000		0.0850
Maximum		0.0072		0.0013		0.0000		0.0000		0.4200
Average		0.0072		0.0013		0.0000		0.0000		0.2883

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	07/13/17	0.0023	07/13/17	0.000	07/13/17	0.9800	07/13/17	0.0001	07/13/17	2.4000
Sample #2 Date, Result					08/01/17	0.8400				
Sample #3 Date, Result					09/21/17	0.3000				
Minimum		0.0023		0.0000		0.3000		0.0001		2.4000
Maximum		0.0023		0.0000		0.9800		0.0001		2.4000
Average		0.0023		0.0000		0.7067		0.0001		2.4000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/13/17	0.6700	07/13/17	0.0000	07/13/17	0.0018	07/13/17	0.0000	07/13/17	0.0000
Sample #2 Date, Result	08/01/17	0.6100			08/01/17	0.0006				
Sample #3 Date, Result	09/21/17	0.1100			09/21/17	0.0052				
Minimum		0.1100		0.0000		0.0006		0.0000		0.0000
Maximum		0.6700		0.0000		0.0052		0.0000		0.0000
Average		0.4633		0.0000		0.0025		0.0000		0.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	07/13/17	0.0700	07/13/17	6.3000	07/13/17	0.00	07/13/17	430.00	07/13/17	9.00
Sample #2 Date, Result			08/01/17	11.0000	08/01/17	34.00	08/01/17	660.00	08/01/17	79.00
Sample #3 Date, Result			09/21/17	5.0000	09/21/17	31.00	09/21/17	2,400.00	09/21/17	1,600.00
Minimum		0.0700		5.0000		0.0000		430.00		9.00
Maximum		0.0700		11.0000		34.0000		2,400.00		1,600.00
Average		0.0700		7.4333		21.6667		1,163.33		562.67

	Sulfate	
Sample #1 Date, Result	07/13/17	76.000
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		76.000
Maximum		76.000
Average		76.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *WR Grace-Conn*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/02/17	8.9	10/02/17	0.0000	12/06/17	0.0032	12/06/17	0.0090	10/02/17	0.0000
Sample #2 Date, Result	11/01/17	7.3	11/01/17	0.0062					11/01/17	0.0000
Sample #3 Date, Result	12/06/17	7.4	12/06/17	0.0038					12/06/17	0.0000
Minimum		7.3		0.0000		0.0032		0.0090		0.0000
Maximum		8.9		0.0062		0.0032		0.0090		0.0000
Average		7.9		0.0033		0.0032		0.0090		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	12/06/17	0.01100	12/06/17	0.00150	12/06/17	0.0000	10/02/17	0.00000	10/02/17	0.0250
Sample #2 Date, Result							11/01/17	0.00000	11/01/17	0.6200
Sample #3 Date, Result							12/06/17	0.00380	12/06/17	0.8600
Minimum		0.0110		0.0015		0.0000		0.0000		0.0250
Maximum		0.0110		0.0015		0.0000		0.0038		0.8600
Average		0.0110		0.0015		0.0000		0.0013		0.5017

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	12/06/17	0.0000	12/06/17	0.000	10/02/17	0.2000	12/06/17	0.0000	12/06/17	5.5000
Sample #2 Date, Result					11/01/17	1.2000				
Sample #3 Date, Result					12/06/17	1.4000				
Minimum		0.0000		0.0000		0.2000		0.0000		5.5000
Maximum		0.0000		0.0000		1.4000		0.0000		5.5000
Average		0.0000		0.0000		0.9333		0.0000		5.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/02/17	0.3200	12/06/17	0.0000	10/02/17	0.0110	12/06/17	0.0000	12/06/17	0.0000
Sample #2 Date, Result	11/01/17	0.5300			11/01/17	0.0000				
Sample #3 Date, Result	12/06/17	0.8900			12/06/17	0.0000				
Minimum		0.3200		0.0000		0.0000		0.0000		0.0000
Maximum		0.8900		0.0000		0.0110		0.0000		0.0000
Average		0.5800		0.0000		0.0037		0.0000		0.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	12/06/17	0.0600	12/06/17	10.0000	10/02/17	25.00	10/02/17	7,500.00	10/02/17	2,500.00
Sample #2 Date, Result					11/01/17	30.00	11/01/17	540.00	11/01/17	13.00
Sample #3 Date, Result					12/06/17	44.00	12/06/17	700.00	12/06/17	31.00
Minimum		0.0600		10.0000		25.0000		540.00		13.00
Maximum		0.0600		10.0000		44.0000		7,500.00		2,500.00
Average		0.0600		10.0000		33.0000		2,913.33		848.00

	Sulfate	
Sample #1 Date, Result	11/01/17	91.000
Sample #2 Date, Result	12/06/17	170.000
Sample #3 Date, Result		
Minimum		91.000
Maximum		170.000
Average		130.500

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/02/18	5.1	01/02/18	0.0000	02/27/18	0.0052	02/27/18	0.0160	01/02/18	0.0000
Sample #2 Date, Result	02/27/18	7.4	02/27/18	0.0130					02/27/18	0.0000
Sample #3 Date, Result	03/08/18	8.3	03/08/18	0.0000					03/08/18	0.0000
Minimum		5.1		0.0000		0.0052		0.0160		0.0000
Maximum		8.3		0.0130		0.0052		0.0160		0.0000
Average		6.9		0.0043		0.0052		0.0160		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/27/18	0.00000	02/27/18	0.00100	02/27/18	0.0000	01/02/18	0.00000	01/02/18	0.2500
Sample #2 Date, Result							02/27/18	0.00000	02/27/18	1.4000
Sample #3 Date, Result							03/08/18	0.00000	03/08/18	0.5400
Minimum		0.0000		0.0010		0.0000		0.0000		0.2500
Maximum		0.0000		0.0010		0.0000		0.0000		1.4000
Average		0.0000		0.0010		0.0000		0.0000		0.7300

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/27/18	0.0000	02/27/18	0.000	01/02/18	0.2500	02/27/18	0.0000	02/27/18	3.4000
Sample #2 Date, Result					02/27/18	0.9800				
Sample #3 Date, Result					03/08/18	0.6900				
Minimum		0.0000		0.0000		0.2500		0.0000		3.4000
Maximum		0.0000		0.0000		0.9800		0.0000		3.4000
Average		0.0000		0.0000		0.6400		0.0000		3.4000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/02/18	0.2200	02/27/18	0.0400	01/02/18	0.0180	02/27/18	0.0000	02/27/18	0.0000
Sample #2 Date, Result	02/27/18	0.5400			02/27/18	0.0000				
Sample #3 Date, Result	03/08/18	0.9000			03/08/18	0.0085				
Minimum		0.2200		0.0400		0.0000		0.0000		0.0000
Maximum		0.9000		0.0400		0.0180		0.0000		0.0000
Average		0.5533		0.0400		0.0088		0.0000		0.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	02/27/18	0.1000	02/27/18	7.3000	01/02/18	25.00	01/02/18	14,000.00	01/02/18	1,300.00
Sample #2 Date, Result					02/27/18	12.00	02/27/18	1,200.00	02/27/18	24.00
Sample #3 Date, Result					03/08/18	37.00	03/08/18	4,100.00	03/08/18	1,600.00
Minimum		0.1000		7.3000		12.0000		1,200.00		24.00
Maximum		0.1000		7.3000		37.0000		14,000.00		1,600.00
Average		0.1000		7.3000		24.6667		6,433.33		974.67

	Sulfate	
Sample #1 Date, Result	01/02/18	4,900.000
Sample #2 Date, Result	02/27/18	150.000
Sample #3 Date, Result	03/08/18	2,500.000
Minimum		150.000
Maximum		4,900.000
Average		2,516.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/09/18	7.2	04/09/18	0.0080	04/09/18	0.0045	04/09/18	0.0088	04/09/18	0.0000
Sample #2 Date, Result	05/01/18	9.3	05/01/18	0.0000					05/01/18	0.0000
Sample #3 Date, Result	06/21/18	7.6	06/21/18	0.0000					06/21/18	0.0041
Minimum		7.2		0.0000		0.0045		0.0088		0.0000
Maximum		9.3		0.0080		0.0045		0.0088		0.0041
Average		8.0		0.0027		0.0045		0.0088		0.0014

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/09/18	0.00000	04/09/18	0.00200	04/09/18	0.0000	04/09/18	0.00000	04/09/18	1.4000
Sample #2 Date, Result							05/01/18	0.00000	05/01/18	0.0850
Sample #3 Date, Result							06/21/18	0.00000	06/21/18	0.3900
Minimum		0.0000		0.0020		0.0000		0.0000		0.0850
Maximum		0.0000		0.0020		0.0000		0.0000		1.4000
Average		0.0000		0.0020		0.0000		0.0000		0.6250

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/09/18	0.0000	04/09/18	0.000	04/09/18	1.5000	04/09/18	0.0000	04/09/18	2.2000
Sample #2 Date, Result					05/01/18	0.2800			06/21/18	2.5000
Sample #3 Date, Result					06/21/18	0.5600				
Minimum		0.0000		0.0000		0.2800		0.0000		2.2000
Maximum		0.0000		0.0000		1.5000		0.0000		2.5000
Average		0.0000		0.0000		0.7800		0.0000		2.3500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/09/18	0.5000	04/09/18	0.0000	04/09/18	0.0000	04/09/18	0.0000	04/09/18	0.0000
Sample #2 Date, Result	05/01/18	1.2700			05/01/18	0.0047				
Sample #3 Date, Result	06/21/18	0.3200			06/21/18	0.0011				
Minimum		0.3200		0.0000		0.0000		0.0000		0.0000
Maximum		1.2700		0.0000		0.0047		0.0000		0.0000
Average		0.6967		0.0000		0.0019		0.0000		0.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/09/18	0.0100	04/09/18	5.6000	04/09/18	33.00	04/09/18	890.00	04/09/18	13.00
Sample #2 Date, Result					05/01/18	51.00	05/01/18	3,500.00	05/01/18	3,900.00
Sample #3 Date, Result					06/21/18	41.00	06/21/18	380.00	06/21/18	31.00
Minimum		0.0100		5.6000		33.0000		380.00		13.00
Maximum		0.0100		5.6000		51.0000		3,500.00		3,900.00
Average		0.0100		5.6000		41.6667		1,590.00		1,314.67

	Sulfate	
Sample #1 Date, Result	04/09/18	170.000
Sample #2 Date, Result	05/01/18	2,500.000
Sample #3 Date, Result	06/21/18	74.000
Minimum		74.000
Maximum		2,500.000
Average		914.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/19/18	7.6	07/19/18	0.0064	07/19/18	0.0017	07/19/18	0.0072	07/19/18	0.0000
Sample #2 Date, Result	08/15/18	9.2	08/15/18	0.0000					08/15/18	0.0000
Sample #3 Date, Result	09/20/18	7.6	09/20/18	0.0000					09/20/18	0.0000
Minimum		7.6		0.0000		0.0017		0.0072		0.0000
Maximum		9.2		0.0064		0.0017		0.0072		0.0000
Average		8.1		0.0021		0.0017		0.0072		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/19/18	0.01100	07/19/18	0.00110	07/19/18	0.0000	07/19/18	0.00000	07/19/18	0.2800
Sample #2 Date, Result							08/15/18	0.00000	08/15/18	0.0810
Sample #3 Date, Result							09/20/18	0.00000	09/20/18	0.2000
Minimum		0.0110		0.0011		0.0000		0.0000		0.0810
Maximum		0.0110		0.0011		0.0000		0.0000		0.2800
Average		0.0110		0.0011		0.0000		0.0000		0.1870

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	07/19/18	0.0000	07/19/18	0.000	07/19/18	0.6300	07/19/18	0.0000	07/19/18	1.8000
Sample #2 Date, Result					08/15/18	0.2600				
Sample #3 Date, Result					09/20/18	0.5100				
Minimum		0.0000		0.0000		0.2600		0.0000		1.8000
Maximum		0.0000		0.0000		0.6300		0.0000		1.8000
Average		0.0000		0.0000		0.4667		0.0000		1.8000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/19/18	0.6800	07/19/18	0.0000	07/19/18	0.0000			07/19/18	0.0000
Sample #2 Date, Result	08/15/18	1.0600			08/15/18	0.0120				
Sample #3 Date, Result	09/20/18	0.7200			09/20/18	0.0000				
Minimum		0.6800		0.0000		0.0000				0.0000
Maximum		1.0600		0.0000		0.0120				0.0000
Average		0.8200		0.0000		0.0040				0.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	07/19/18	0.0400	07/19/18	6.1000	07/19/18	19.00	07/19/18	360.00	07/19/18	13.00
Sample #2 Date, Result					08/15/18	33.00	08/15/18	4,400.00	08/15/18	1,000.00
Sample #3 Date, Result					09/20/18	22.00	09/20/18	290.00	09/20/18	8.20
Minimum		0.0400		6.1000		19.0000		290.00		8.20
Maximum		0.0400		6.1000		33.0000		4,400.00		1,000.00
Average		0.0400		6.1000		24.6667		1,683.33		340.40

	Sulfate	
Sample #1 Date, Result	07/19/18	67.000
Sample #2 Date, Result	08/15/18	2,800.000
Sample #3 Date, Result	09/20/18	51.000
Minimum		51.000
Maximum		2,800.000
Average		972.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *WR Grace-Conn*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/01/18	7.1	10/01/18	0.0000	11/06/18	0.0020	11/06/18	0.0100	10/01/18	0.0000
Sample #2 Date, Result	11/06/18	6.6	11/06/18	0.0000					11/06/18	0.0000
Sample #3 Date, Result	12/03/18	6.7	12/03/18	0.0000					12/03/18	0.0000
Minimum		6.6		0.0000		0.0020		0.0100		0.0000
Maximum		7.1		0.0000		0.0020		0.0100		0.0000
Average		6.8		0.0000		0.0020		0.0100		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/06/18	0.02600	11/06/18	0.00600	11/06/18	0.0000	10/01/18	0.00000	10/01/18	0.5400
Sample #2 Date, Result							11/06/18	0.00000	11/06/18	0.3300
Sample #3 Date, Result							12/03/18	0.00000	12/03/18	0.0630
Minimum		0.0260		0.0060		0.0000		0.0000		0.0630
Maximum		0.0260		0.0060		0.0000		0.0000		0.5400
Average		0.0260		0.0060		0.0000		0.0000		0.3110

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/06/18	0.0000	11/06/18	0.000	10/01/18	1.5000	11/06/18	0.0000	11/06/18	1.9000
Sample #2 Date, Result					11/06/18	0.6900				
Sample #3 Date, Result					12/03/18	0.1800				
Minimum		0.0000		0.0000		0.1800		0.0000		1.9000
Maximum		0.0000		0.0000		1.5000		0.0000		1.9000
Average		0.0000		0.0000		0.7900		0.0000		1.9000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/01/18	0.8100	11/06/18	0.0000	10/01/18	0.0000			11/06/18	0.0000
Sample #2 Date, Result	11/06/18	1.6900			11/06/18	0.0100				
Sample #3 Date, Result	12/03/18	0.4700			12/03/18	0.0100				
Minimum		0.4700		0.0000		0.0000				0.0000
Maximum		1.6900		0.0000		0.0100				0.0000
Average		0.9900		0.0000		0.0067				0.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	11/06/18	0.1100	11/06/18	6.3000	10/01/18	30.00	10/01/18	700.00	10/01/18	14.00
Sample #2 Date, Result					11/06/18	25.00	11/06/18	4,400.00	11/06/18	167.00
Sample #3 Date, Result					12/03/18	65.00	12/03/18	12,000.00	12/03/18	90.00
Minimum		0.1100		6.3000		25.0000		700.00		14.00
Maximum		0.1100		6.3000		65.0000		12,000.00		167.00
Average		0.1100		6.3000		40.0000		5,700.00		90.33

	Sulfate	
Sample #1 Date, Result	10/01/18	130.000
Sample #2 Date, Result	11/06/18	2,500.000
Sample #3 Date, Result	12/03/18	8,000.000
Minimum		130.000
Maximum		8,000.000
Average		3,543.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/08/19	9.4	01/08/19	0.0000	03/19/19	0.0005	02/04/19	0.0207	01/08/19	0.0000
Sample #2 Date, Result	02/04/19	9.5	02/04/19	0.0075			03/19/19	0.0197	02/04/19	0.0108
Sample #3 Date, Result	03/19/19	9.6	03/19/19	0.0026					03/19/19	0.0032
Minimum		9.4		0.0000		0.0005		0.0197		0.0000
Maximum		9.6		0.0075		0.0005		0.0207		0.0108
Average		9.5		0.0033		0.0005		0.0202		0.0047

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/04/19	0.01490	02/04/19	0.00591					01/08/19	0.0300
Sample #2 Date, Result	03/19/19	0.01930	03/19/19	0.00664					02/04/19	0.0627
Sample #3 Date, Result									03/19/19	0.0626
Minimum		0.0149		0.0059						0.0300
Maximum		0.0193		0.0066						0.0627
Average		0.0171		0.0063						0.0518

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/04/19	0.0100			01/08/19	0.2200	02/04/19	0.0001	02/04/19	1.7600
Sample #2 Date, Result	03/19/19	0.0500			02/04/19	0.8000	03/19/19	0.0001	03/19/19	0.2620
Sample #3 Date, Result					03/19/19	0.2000				
Minimum		0.0100				0.2000		0.0001		0.2620
Maximum		0.0500				0.8000		0.0001		1.7600
Average		0.0300				0.4067		0.0001		1.0110

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/08/19	0.2800	02/04/19	0.0300	01/08/19	0.0100	02/04/19	0.0020	02/04/19	5.0000
Sample #2 Date, Result	02/04/19	0.8100	03/19/19	0.0500	02/04/19	0.0000	03/19/19	0.0006	03/19/19	5.0000
Sample #3 Date, Result	03/19/19	1.4500			03/19/19	0.0100				
Minimum		0.2800		0.0300		0.0000		0.0006		5.0000
Maximum		1.4500		0.0500		0.0100		0.0020		5.0000
Average		0.8467		0.0400		0.0067		0.0013		5.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			03/19/19	18.0000	01/08/19	22.00	01/08/19	7,600.00	01/08/19	180.00
Sample #2 Date, Result					02/04/19	49.20			02/04/19	114.00
Sample #3 Date, Result					03/19/19	294.00			03/19/19	4,440.00
Minimum				18.0000		22.0000		7,600.00		114.00
Maximum				18.0000		294.0000		7,600.00		4,440.00
Average				18.0000		121.7333		7,600.00		1,578.00

	Sulfate	
Sample #1 Date, Result	01/08/19	1,100.000
Sample #2 Date, Result	03/19/19	3,500.000
Sample #3 Date, Result		
Minimum		1,100.000
Maximum		3,500.000
Average		2,300.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/02/19	7.6	04/02/19	0.0123	06/26/19	0.0026	04/02/19	0.0139	04/02/19	0.0041
Sample #2 Date, Result	05/02/19	9.7	05/02/19	0.0032			05/02/19	0.0114	05/02/19	0.0012
Sample #3 Date, Result	06/26/19	7.6	06/26/19	0.0077			06/26/19	0.0112	06/26/19	0.0019
Minimum		7.6		0.0032		0.0026		0.0112		0.0012
Maximum		9.7		0.0123		0.0026		0.0139		0.0041
Average		8.3		0.0078		0.0026		0.0122		0.0024

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/02/19	0.00483	04/02/19	0.00485					04/02/19	1.5900
Sample #2 Date, Result	05/02/19	0.01560	05/02/19	0.00337					05/02/19	0.0463
Sample #3 Date, Result	06/26/19	0.00317	06/26/19	0.00406					06/26/19	0.6960
Minimum		0.0032		0.0034						0.0463
Maximum		0.0156		0.0049						1.5900
Average		0.0079		0.0041						0.7774

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/02/19	0.0100			04/02/19	1.4000	04/02/19	0.0001	04/02/19	5.2000
Sample #2 Date, Result	05/02/19	0.0500			05/02/19	0.2000	05/02/19	0.0001	05/02/19	0.1880
Sample #3 Date, Result	06/26/19	0.1000			06/26/19	0.9000	06/26/19	0.0001	06/26/19	3.8000
Minimum		0.0100				0.2000		0.0001		0.1880
Maximum		0.1000				1.4000		0.0001		5.2000
Average		0.0533				0.8333		0.0001		3.0627

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/02/19	0.9430	04/02/19	0.0250	04/02/19	0.0000	04/02/19	0.0005	04/02/19	6.0000
Sample #2 Date, Result	05/02/19	0.4760	05/02/19	0.0250	05/02/19	0.0000	05/02/19	0.0011	05/02/19	10.2000
Sample #3 Date, Result	06/26/19	0.5220	06/26/19	0.0250	06/26/19	0.0000	06/26/19	0.0020	06/26/19	5.0000
Minimum		0.4760		0.0250		0.0000		0.0005		5.0000
Maximum		0.9430		0.0250		0.0000		0.0020		10.2000
Average		0.6470		0.0250		0.0000		0.0012		7.0667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					04/02/19	64.80			04/02/19	47.00
Sample #2 Date, Result					05/02/19	10.00			05/02/19	720.00
Sample #3 Date, Result					06/26/19	40.60			06/26/19	11.00
Minimum						10.0000				11.00
Maximum						64.8000				720.00
Average						38.4667				259.33

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/16/19	4.2	07/16/19	0.0035	08/01/19	0.0015	07/16/19	0.0130	07/16/19	0.0021
Sample #2 Date, Result	08/01/19	6.8	08/01/19	0.0052	09/11/19	0.0005	08/01/19	0.0072	08/01/19	0.0009
Sample #3 Date, Result	09/11/19	8.5	09/11/19	0.0033			09/11/19	0.0594	09/11/19	0.0045
Minimum		4.2		0.0033		0.0005		0.0072		0.0009
Maximum		8.5		0.0052		0.0015		0.0594		0.0045
Average		6.5		0.0040		0.0010		0.0265		0.0025

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/16/19	0.02570	07/16/19	0.01410					07/16/19	0.0517
Sample #2 Date, Result	08/01/19	0.00232	08/01/19	0.01070					08/01/19	0.2620
Sample #3 Date, Result	09/11/19	0.01210	09/11/19	0.01940					09/11/19	0.0677
Minimum		0.0023		0.0107						0.0517
Maximum		0.0257		0.0194						0.2620
Average		0.0134		0.0147						0.1271

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	07/16/19	0.1000			07/16/19	0.2000	07/16/19	0.0002	07/16/19	0.3760
Sample #2 Date, Result	08/01/19	0.0200			08/01/19	0.6000	08/01/19	0.0002	08/01/19	4.0500
Sample #3 Date, Result	09/11/19	0.0170			09/11/19	0.3000	09/11/19	0.0001	09/11/19	1.1800
Minimum		0.0170				0.2000		0.0001		0.3760
Maximum		0.1000				0.6000		0.0002		4.0500
Average		0.0457				0.3667		0.0002		1.8687

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/16/19	1.2100	07/16/19	0.0500	07/16/19	0.0100	07/16/19	0.0020	07/16/19	5.0000
Sample #2 Date, Result	08/01/19	0.9340	08/01/19	0.0250	08/01/19	0.0000	08/01/19	0.0020	08/01/19	5.0000
Sample #3 Date, Result	09/11/19	1.2800	09/11/19	0.0500	09/11/19	0.0200	09/11/19	0.0020	09/11/19	5.0000
Minimum		0.9340		0.0250		0.0000		0.0020		5.0000
Maximum		1.2800		0.0500		0.0200		0.0020		5.0000
Average		1.1413		0.0417		0.0100		0.0020		5.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			08/01/19	6.0000	07/16/19	91.00			07/16/19	2,010.00
Sample #2 Date, Result					08/01/19	19.30			08/01/19	11.00
Sample #3 Date, Result					09/11/19	135.00			09/11/19	3,970.00
Minimum				6.0000		19.3000				11.00
Maximum				6.0000		135.0000				3,970.00
Average				6.0000		81.7667				1,997.00

	Sulfate	
Sample #1 Date, Result	08/01/19	67.000
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		67.000
Maximum		67.000
Average		67.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *WR Grace-Conn*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	1

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Dec 31, 2019

Industry Name: *WR Grace-Conn*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/15/19	9.1	10/15/19	0.0013			10/15/19	0.0566	10/15/19	0.0044
Sample #2 Date, Result	11/19/19	3.3	11/19/19	0.0021			11/19/19	0.0151	11/19/19	0.0057
Sample #3 Date, Result	12/04/19	9.2	12/04/19	0.0015			12/04/19	0.0302	12/04/19	0.0081
Minimum		3.3		0.0013				0.0151		0.0044
Maximum		9.2		0.0021				0.0566		0.0081
Average		7.2		0.0016				0.0340		0.0060

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/15/19	0.01200	10/15/19	0.01460					10/15/19	0.0424
Sample #2 Date, Result	11/19/19	0.01120	11/19/19	0.01470					11/19/19	0.0604
Sample #3 Date, Result	12/04/19	0.00591	12/04/19	0.01330					12/04/19	0.0546
Minimum		0.0059		0.0133						0.0424
Maximum		0.0120		0.0147						0.0604
Average		0.0097		0.0142						0.0525

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/15/19	0.0500			10/15/19	0.2000	10/15/19	0.0001	10/15/19	0.1860
Sample #2 Date, Result	11/19/19	0.0500			11/19/19	0.2000	11/19/19	0.0001	11/19/19	0.3300
Sample #3 Date, Result	12/04/19	0.0500			12/04/19	0.2000	12/04/19	0.0001	12/04/19	0.6620
Minimum		0.0500				0.2000		0.0001		0.1860
Maximum		0.0500				0.2000		0.0001		0.6620
Average		0.0500				0.2000		0.0001		0.3927

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/15/19	1.4200	10/15/19	0.0500	10/15/19	0.0100	10/15/19	0.0008	10/15/19	19.6000
Sample #2 Date, Result	11/19/19	1.5000	11/19/19	0.0250	11/19/19	0.0100	11/19/19	0.0000	11/19/19	5.5000
Sample #3 Date, Result	12/04/19	1.7300	12/04/19	0.0250	12/04/19	0.0100	12/04/19	0.0000	12/04/19	5.0000
Minimum		1.4200		0.0250		0.0100		0.0000		5.0000
Maximum		1.7300		0.0500		0.0100		0.0008		19.6000
Average		1.5500		0.0333		0.0100		0.0003		10.0333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					10/15/19	41.10			10/15/19	2,820.00
Sample #2 Date, Result					11/19/19	68.30			11/19/19	5,250.00
Sample #3 Date, Result					12/04/19	36.50			12/04/19	5,340.00
Minimum						36.5000				2,820.00
Maximum						68.3000				5,340.00
Average						48.6333				4,470.00

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Dec 31, 2019

Industry Name: ***WR Grace-Conn***

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	1

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Annual Summary Data for #415 TAC East, Inc.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/21/16	6.6	01/21/16	0.00	01/21/16	0.0000	01/21/16	0.004	01/21/16	0.0000
Sample #2 Date, Result	02/03/16	6.8	02/03/16	0.0000	02/03/16	0.0000	02/03/16	0.002	02/03/16	0.0000
Sample #3 Date, Result	03/10/16	6.8	03/10/16	0.0000	03/10/16	0.0000	03/10/16	0.00	03/10/16	0.0000
Minimum		6.6		0.0000		0.0000		0.0021		0.0000
Maximum		6.8		0.0000		0.0000		0.0035		0.0000
Average		6.7		0.0000		0.0000		0.0027		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/03/16	0.0120	01/21/16	0.0100	01/21/16	0.0000	01/21/16	0.0000	01/21/16	0.1400
Sample #2 Date, Result			02/03/16	0.0170	02/03/16	0.0000	02/03/16	0.0000	02/03/16	0.1200
Sample #3 Date, Result			03/10/16	0.0083	03/10/16	0.0000	03/10/16	0.0000	03/10/16	0.0470
Minimum		0.0120		0.0083		0.0000		0.0000		0.0470
Maximum		0.0120		0.0170		0.0000		0.0000		0.1400
Average		0.0120		0.0118		0.0000		0.0000		0.1023

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/03/16	0.0071	02/03/16	0.0000	01/21/16	0.1600	02/03/16	0.0000	01/21/16	1.3000
Sample #2 Date, Result					02/03/16	0.7400			02/03/16	0.7100
Sample #3 Date, Result					03/10/16	0.1200			03/10/16	0.1700
Minimum		0.0071		0.0000		0.1200		0.0000		0.1700
Maximum		0.0071		0.0000		0.7400		0.0000		1.3000
Average		0.0071		0.0000		0.3400		0.0000		0.7267

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/21/16	0.0600	01/21/16	0.0600	01/21/16	0.0000	01/22/16	0.0000	01/22/16	0.0000
Sample #2 Date, Result	02/03/16	0.1500	02/03/16	0.0500	02/03/16	0.0000	02/03/16	0.0032	02/03/16	0.0000
Sample #3 Date, Result	03/10/16	0.2800	03/10/16	0.0700	03/10/16	0.0000	03/10/16	0.0017	03/10/16	2.6000
Minimum		0.0600		0.0500		0.0000		0.0000		0.0000
Maximum		0.2800		0.0700		0.0000		0.0032		2.6000
Average		0.1633		0.0600		0.0000		0.0016		0.8667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	01/21/16	0.0000	02/03/16	360.0000	01/21/16	7,900.0000	01/21/16	2,300.00	01/21/16	12.00
Sample #2 Date, Result	02/03/16	0.0000			02/03/16	900.0000	02/03/16	2,200.00	02/03/16	12.00
Sample #3 Date, Result					03/10/16	770.0000	03/10/16	2,300.00	03/10/16	3.70
Minimum		0.0000		360.0000		770.0000		2,200.00		3.70
Maximum		0.0000		360.0000		7,900.0000		2,300.00		12.00
Average		0.0000		360.0000		3,190.0000		2,266.67		9.23

	Sulfate		SGT-HEM	
Sample #1 Date, Result	01/21/16	650.000		
Sample #2 Date, Result	02/03/16	930.000		
Sample #3 Date, Result	03/10/16	690.000		
Minimum		650.000		
Maximum		930.000		
Average		756.667		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/13/16	7.0	04/13/16	0.00	04/13/16	0.0000	04/13/16	0.002	04/13/16	0.0000
Sample #2 Date, Result	04/20/16	7.1	04/20/16	0.0000	04/20/16	0.0000	04/20/16	0.011	04/20/16	0.0022
Sample #3 Date, Result	05/04/16	6.8	05/04/16	0.0000	05/04/16	0.0000	05/04/16	0.00	05/04/16	0.0000
Minimum		6.8		0.0000		0.0000		0.0018		0.0000
Maximum		7.1		0.0000		0.0000		0.0110		0.0022
Average		7.0		0.0000		0.0000		0.0052		0.0007

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/04/16	0.0160	04/13/16	0.0024	04/13/16	0.0000	04/13/16	0.0000	04/13/16	0.0350
Sample #2 Date, Result			05/04/16	0.0110	04/20/16	0.0000	04/20/16	0.0000	04/20/16	0.6600
Sample #3 Date, Result			06/15/16	0.0061	05/04/16	0.0000	05/04/16	0.0000	05/04/16	0.1400
Minimum		0.0160		0.0024		0.0000		0.0000		0.0350
Maximum		0.0160		0.0110		0.0000		0.0000		0.6600
Average		0.0160		0.0065		0.0000		0.0000		0.2783

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/04/16	0.0150	05/04/16	0.0000	04/13/16	0.2400	05/04/16	0.0000	04/13/16	1.9000
Sample #2 Date, Result					04/20/16	0.2700	05/26/16	0.0000	04/20/16	0.1800
Sample #3 Date, Result					05/04/16	0.3400			05/04/16	0.1000
Minimum		0.0150		0.0000		0.2400		0.0000		0.1000
Maximum		0.0150		0.0000		0.3400		0.0000		1.9000
Average		0.0150		0.0000		0.2833		0.0000		0.7267

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/13/16	0.2100	04/13/16	0.0000	04/13/16	0.0000	04/13/16	0.0221	04/13/16	0.0000
Sample #2 Date, Result	04/20/16	0.0900	04/20/16	0.0200	04/20/16	0.0000	04/20/16	0.0053	04/20/16	0.0000
Sample #3 Date, Result	05/04/16	0.4100	05/04/16	0.0300	05/04/16	0.0000	05/04/16	0.0133	05/04/16	5.1000
Minimum		0.0900		0.0000		0.0000		0.0053		0.0000
Maximum		0.4100		0.0300		0.0000		0.0221		5.1000
Average		0.2367		0.0167		0.0000		0.0136		1.7000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/13/16	0.0300	05/04/16	320.0000	04/13/16	250.0000	04/13/16	1,300.00	04/13/16	8.00
Sample #2 Date, Result	04/20/16	0.0000			04/20/16	500.0000	04/20/16	1,900.00	04/20/16	3.20
Sample #3 Date, Result	05/04/16	0.1100			05/04/16	670.0000	05/04/16	2,700.00	05/04/16	7.50
Minimum		0.0000		320.0000		250.0000		1,300.00		3.20
Maximum		0.1100		320.0000		670.0000		2,700.00		8.00
Average		0.0467		320.0000		473.3333		1,966.67		6.23

	Sulfate		SGT-HEM	
Sample #1 Date, Result	04/13/16	610.000		
Sample #2 Date, Result	04/20/16	710.000		
Sample #3 Date, Result	05/04/16	1,400.000		
Minimum		610.000		
Maximum		1,400.000		
Average		906.667		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	1	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Sep 30, 2016

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/20/16	7.4	07/20/16	0.00	07/20/16	0.0000	07/20/16	0.001	07/20/16	0.0000
Sample #2 Date, Result	09/14/16	7.2	09/14/16	0.0000	09/14/16	0.0000	09/14/16	0.002	09/14/16	0.0000
Sample #3 Date, Result										
Minimum		7.2		0.0000		0.0000		0.0010		0.0000
Maximum		7.4		0.0037		0.0000		0.0018		0.0000
Average		7.3		0.0019		0.0000		0.0014		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			07/20/16	0.1800	07/20/16	0.0000	07/20/16	0.0000	07/20/16	0.0350
Sample #2 Date, Result			09/14/16	0.0023	09/14/16	0.0000	09/14/16	0.0000	09/14/16	0.0350
Sample #3 Date, Result										
Minimum				0.0023		0.0000		0.0000		0.0350
Maximum				0.1800		0.0000		0.0000		0.0350
Average				0.0912		0.0000		0.0000		0.0350

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					07/20/16	0.3800			07/20/16	0.2200
Sample #2 Date, Result					09/14/16	0.2900			09/14/16	0.4400
Sample #3 Date, Result										
Minimum						0.2900				0.2200
Maximum						0.3800				0.4400
Average						0.3350				0.3300

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/20/16	0.0900	07/20/16	0.1000	07/20/16	0.0000	07/20/16	0.0029	07/20/16	9.2000
Sample #2 Date, Result	09/14/16	0.1000	09/14/16	0.2000	09/14/16	0.0000	09/14/16	0.0007		
Sample #3 Date, Result										
Minimum		0.0900		0.1000		0.0000		0.0007		9.2000
Maximum		0.1000		0.2000		0.0000		0.0029		9.2000
Average		0.0950		0.1500		0.0000		0.0018		9.2000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	07/20/16	0.0600			07/20/16	760.0000	07/20/16	2,000.00	07/20/16	15.00
Sample #2 Date, Result	09/14/16	0.0700			09/14/16	1,300.0000	09/14/16	1,900.00	09/14/16	14.00
Sample #3 Date, Result										
Minimum		0.0600				760.0000		1,900.00		14.00
Maximum		0.0700				1,300.0000		2,000.00		15.00
Average		0.0650				1,030.0000		1,950.00		14.50

	Sulfate		SGT-HEM	
Sample #1 Date, Result	07/20/16	1,400.000		
Sample #2 Date, Result	09/14/16	930.000		
Sample #3 Date, Result				
Minimum		930.000		
Maximum		1,400.000		
Average		1,165.000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Sep 30, 2016

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/26/16	6.9	10/26/16	0.00	10/26/16	0.0000	10/26/16	0.002	10/26/16	0.0000
Sample #2 Date, Result	11/08/16	7.3	11/08/16	0.0000	11/08/16	0.0000	11/08/16	0.002	11/08/16	0.0000
Sample #3 Date, Result	12/14/16	7.3	12/14/16	0.0000	12/14/16	0.0000	12/07/16	0.01	12/14/16	0.0000
Minimum		6.9		0.0000		0.0000		0.0017		0.0000
Maximum		7.3		0.0000		0.0000		0.0058		0.0000
Average		7.2		0.0000		0.0000		0.0032		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/08/16	0.0084	10/26/16	0.0410	10/26/16	0.0006	10/26/16	0.0000	10/26/16	0.3900
Sample #2 Date, Result			11/08/16	0.0300	11/08/16	0.0000	11/08/16	0.0000	11/08/16	0.0150
Sample #3 Date, Result			12/14/16	0.0290	12/14/16	0.0000	12/14/16	0.0000	12/14/16	0.6200
Minimum		0.0084		0.0290		0.0000		0.0000		0.0150
Maximum		0.0084		0.0410		0.0006		0.0000		0.6200
Average		0.0084		0.0333		0.0002		0.0000		0.3417

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/08/16	0.0000	11/08/16	0.0000	10/26/16	0.3300	11/08/16	0.0000	10/26/16	8.1000
Sample #2 Date, Result					11/08/16	0.4200	12/07/16	0.0000	11/08/16	0.3400
Sample #3 Date, Result					12/14/16	2.0000	12/14/16	0.0000	12/14/16	0.6900
Minimum		0.0000		0.0000		0.3300		0.0000		0.3400
Maximum		0.0000		0.0000		2.0000		0.0000		8.1000
Average		0.0000		0.0000		0.9167		0.0000		3.0433

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/26/16	1.0100	10/26/16	0.0200	10/26/16	0.0018	10/26/16	0.7160	10/26/16	2.6000
Sample #2 Date, Result	11/08/16	0.0800	11/08/16	0.0300	11/08/16	0.0000	11/08/16	0.0019	11/08/16	4.5000
Sample #3 Date, Result	12/14/16	0.4200	12/14/16	0.0500	12/14/16	0.0300			12/07/16	4.2100
Minimum		0.0800		0.0200		0.0000		0.0019		2.6000
Maximum		1.0100		0.0500		0.0300		0.7160		4.5000
Average		0.5033		0.0333		0.0106		0.3589		3.7700

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	10/26/16	0.0000	11/08/16	150.0000	10/26/16	900.0000	10/26/16	2,100.00	10/26/16	14.00
Sample #2 Date, Result	11/08/16	0.0100			11/08/16	440.0000	11/08/16	7,700.00	11/08/16	14.00
Sample #3 Date, Result	12/14/16	0.2800			12/14/16	5,400.0000	12/14/16	2,000.00	12/14/16	17.00
Minimum		0.0000		150.0000		440.0000		2,000.00		14.00
Maximum		0.2800		150.0000		5,400.0000		7,700.00		17.00
Average		0.0967		150.0000		2,246.6667		3,933.33		15.00

	Sulfate		SGT-HEM	
Sample #1 Date, Result	10/26/16	960.000		
Sample #2 Date, Result	11/08/16	520.000		
Sample #3 Date, Result	12/14/16	700.000		
Minimum		520.000		
Maximum		960.000		
Average		726.667		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/25/17	7.3	01/25/17	0.01	01/25/17	0.0000	01/25/17	0.002	01/25/17	0.0000
Sample #2 Date, Result	02/15/17	7.5	02/15/17	0.0000	02/15/17	0.0000	02/15/17	0.002	02/15/17	0.0000
Sample #3 Date, Result	03/15/17	6.2	03/15/17	0.0000	03/15/17	0.0000	03/15/17	0.00	03/15/17	0.0000
Minimum		6.2		0.0000		0.0000		0.0000		0.0000
Maximum		7.5		0.0050		0.0000		0.0021		0.0000
Average		7.0		0.0017		0.0000		0.0013		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/15/17	0.0180	01/25/17	0.0180	01/25/17	0.0000	01/25/17	0.0000	01/25/17	0.0100
Sample #2 Date, Result			02/15/17	0.0240	02/15/17	0.0000	02/15/17	0.0000	02/15/17	0.3600
Sample #3 Date, Result			03/15/17	0.1200	03/15/17	0.0000	03/15/17	0.0000	03/15/17	0.6400
Minimum		0.0180		0.0180		0.0000		0.0000		0.0100
Maximum		0.0180		0.1200		0.0000		0.0000		0.6400
Average		0.0180		0.0540		0.0000		0.0000		0.3367

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/15/17	0.0000	02/15/17	0.0000	01/25/17	0.6300	02/15/17	0.0000	01/25/17	13.0000
Sample #2 Date, Result					02/15/17	0.3700			02/15/17	5.5000
Sample #3 Date, Result					03/15/17	0.2200			03/15/17	2.9000
Minimum		0.0000		0.0000		0.2200		0.0000		2.9000
Maximum		0.0000		0.0000		0.6300		0.0000		13.0000
Average		0.0000		0.0000		0.4067		0.0000		7.1333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/25/17	2.0700	01/25/17	0.1700	01/25/17	0.0000	01/25/17	0.0008	01/25/17	4.5000
Sample #2 Date, Result	02/15/17	1.5400	02/15/17	0.1200	02/15/17	0.0011	02/15/17	0.0046	02/15/17	6.1000
Sample #3 Date, Result	03/15/17	0.4700	03/15/17	0.1400	03/15/17	0.0093	03/15/17	0.0047	03/15/17	17.3000
Minimum		0.4700		0.1200		0.0000		0.0008		4.5000
Maximum		2.0700		0.1700		0.0093		0.0047		17.3000
Average		1.3600		0.1433		0.0035		0.0034		9.3000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	02/15/17	0.0000	02/15/17	400.0000	01/25/17	1,000.0000	01/25/17	1,500.00	01/25/17	7.30
Sample #2 Date, Result	03/15/17	0.0000			02/15/17	1,200.0000	02/15/17	2,600.00	02/15/17	13.00
Sample #3 Date, Result					03/15/17	2,000.0000	03/15/17	1,800.00	03/15/17	14.00
Minimum		0.0000		400.0000		1,000.0000		1,500.00		7.30
Maximum		0.0000		400.0000		2,000.0000		2,600.00		14.00
Average		0.0000		400.0000		1,400.0000		1,966.67		11.43

	Sulfate		SGT-HEM	
Sample #1 Date, Result	01/25/17	570.000		
Sample #2 Date, Result	02/15/17	870.000		
Sample #3 Date, Result	03/15/17	750.000		
Minimum		570.000		
Maximum		870.000		
Average		730.000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/19/17	6.5	04/19/17	0.00	04/19/17	0.0000	04/19/17	0.006	04/19/17	0.0000
Sample #2 Date, Result	05/17/17	6.4	05/17/17	0.0000	05/17/17	0.0003	05/17/17	0.017	05/17/17	0.0000
Sample #3 Date, Result	06/14/17	6.5	06/14/17	0.0000	06/14/17	0.0000	06/14/17	0.01	06/14/17	0.0000
Minimum		6.4		0.0000		0.0000		0.0056		0.0000
Maximum		6.5		0.0000		0.0003		0.0170		0.0000
Average		6.5		0.0000		0.0001		0.0101		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/17/17	0.0850	04/19/17	0.1000	04/19/17	0.0000	04/19/17	0.0000	04/19/17	4.6000
Sample #2 Date, Result			05/17/17	0.1900	05/17/17	0.0000	05/17/17	0.0000	05/17/17	6.4000
Sample #3 Date, Result			06/14/17	0.0740	06/14/17	0.0000	06/14/17	0.0000	06/14/17	1.1000
Minimum		0.0850		0.0740		0.0000		0.0000		1.1000
Maximum		0.0850		0.1900		0.0000		0.0000		6.4000
Average		0.0850		0.1213		0.0000		0.0000		4.0333

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/17/17	0.0000	05/17/17	0.0000	04/19/17	0.1000	05/17/17	0.0000	04/19/17	44.0000
Sample #2 Date, Result					05/17/17	0.1200			05/17/17	4.3000
Sample #3 Date, Result					06/14/17	0.0900			06/14/17	6.4000
Minimum		0.0000		0.0000		0.0900		0.0000		4.3000
Maximum		0.0000		0.0000		0.1200		0.0000		44.0000
Average		0.0000		0.0000		0.1033		0.0000		18.2333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/19/17	0.4300	04/19/17	2.3000	04/19/17	0.0033	04/19/17	0.0729	04/19/17	7.6000
Sample #2 Date, Result	05/17/17	1.1500	05/17/17	0.2400	05/17/17	0.0020	05/17/17	0.0022	05/17/17	11.1000
Sample #3 Date, Result	06/14/17	0.8400	06/14/17	0.0400	06/14/17	0.0012	06/14/17	0.0013	06/14/17	0.0000
Minimum		0.4300		0.0400		0.0012		0.0013		0.0000
Maximum		1.1500		2.3000		0.0033		0.0729		11.1000
Average		0.8067		0.8600		0.0022		0.0255		6.2333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/19/17	0.0000	05/17/17	270.0000	04/19/17	2,200.0000	04/19/17	3,100.00	04/19/17	31.00
Sample #2 Date, Result	05/17/17	0.2000			05/17/17	970.0000	05/17/17	2,000.00	05/17/17	14.00
Sample #3 Date, Result	06/14/17	0.0500			06/14/17	660.0000	06/14/17	1,100.00	06/14/17	24.00
Minimum		0.0000		270.0000		660.0000		1,100.00		14.00
Maximum		0.2000		270.0000		2,200.0000		3,100.00		31.00
Average		0.0833		270.0000		1,276.6667		2,066.67		23.00

	Sulfate		SGT-HEM	
Sample #1 Date, Result	04/19/17	1,600.000		
Sample #2 Date, Result	05/17/17	870.000		
Sample #3 Date, Result	06/14/17	470.000		
Minimum		470.000		
Maximum		1,600.000		
Average		980.000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	1	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	1	1
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/19/17	6.4	07/19/17	0.00	07/19/17	0.0003	07/19/17	0.450	07/19/17	0.0000
Sample #2 Date, Result	08/16/17	6.7	09/21/17	0.0000	09/21/17	0.0002	08/16/17	0.004	09/21/17	0.0000
Sample #3 Date, Result	09/21/17	6.5					09/21/17	0.01		
Minimum		6.4		0.0000		0.0002		0.0036		0.0000
Maximum		6.7		0.0000		0.0003		0.4500		0.0000
Average		6.5		0.0000		0.0003		0.1538		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/21/17	0.0510	07/19/17	0.0630	07/19/17	0.0000	07/19/17	0.0000	07/19/17	1.6000
Sample #2 Date, Result			09/21/17	0.0570	09/21/17	0.0000	09/21/17	0.0000	09/21/17	2.5000
Sample #3 Date, Result										
Minimum		0.0510		0.0570		0.0000		0.0000		1.6000
Maximum		0.0510		0.0630		0.0000		0.0000		2.5000
Average		0.0510		0.0600		0.0000		0.0000		2.0500

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/21/17	0.0200	09/21/17	0.0000	07/19/17	0.1500	09/21/17	0.0000	07/19/17	23.0000
Sample #2 Date, Result					09/21/17	0.3500				
Sample #3 Date, Result										
Minimum		0.0200		0.0000		0.1500		0.0000		23.0000
Maximum		0.0200		0.0000		0.3500		0.0000		23.0000
Average		0.0200		0.0000		0.2500		0.0000		23.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/19/17	0.5700	07/19/17	0.2200	07/19/17	0.0110	07/19/17	0.0008	07/19/17	3.4000
Sample #2 Date, Result	09/21/17	4.3100	09/21/17	0.1700	09/21/17	0.0200	09/21/17	0.0000	09/21/17	46.4000
Sample #3 Date, Result										
Minimum		0.5700		0.1700		0.0110		0.0000		3.4000
Maximum		4.3100		0.2200		0.0200		0.0008		46.4000
Average		2.4400		0.1950		0.0155		0.0004		24.9000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	07/19/17	0.0900	09/21/17	260.0000	07/19/17	1,500.0000	07/19/17	1,400.00	07/19/17	24.00
Sample #2 Date, Result	09/21/17	0.0900			09/21/17	2,100.0000	09/21/17	1,600.00	09/21/17	260.00
Sample #3 Date, Result										
Minimum		0.0900		260.0000		1,500.0000		1,400.00		24.00
Maximum		0.0900		260.0000		2,100.0000		1,600.00		260.00
Average		0.0900		260.0000		1,800.0000		1,500.00		142.00

	Sulfate		SGT-HEM	
Sample #1 Date, Result	07/19/17	430.000		
Sample #2 Date, Result	09/21/17	810.000		
Sample #3 Date, Result				
Minimum		430.000		
Maximum		810.000		
Average		620.000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/05/17	5.5	10/05/17	0.00	10/05/17	0.0031	10/05/17	0.017	10/05/17	0.0000
Sample #2 Date, Result	10/25/17	6.3	10/25/17	0.0000	10/25/17	0.0022	10/25/17	0.600	10/25/17	0.0000
Sample #3 Date, Result	11/15/17	6.4	11/15/17	0.0000	11/15/17	0.0021	11/15/17	0.00	11/15/17	0.0000
Minimum		5.5		0.0000		0.0021		0.0030		0.0000
Maximum		6.4		0.0000		0.0031		0.6000		0.0000
Average		6.1		0.0000		0.0025		0.2067		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/15/17	0.0440	10/05/17	1.6000	10/05/17	0.0000	10/05/17	0.0000	10/05/17	27.0000
Sample #2 Date, Result			10/25/17	1.5000	10/25/17	0.0000	10/25/17	0.0000	10/25/17	4.6000
Sample #3 Date, Result			11/15/17	0.1900	11/15/17	0.0000	11/15/17	0.0000	11/15/17	3.1000
Minimum		0.0440		0.1900		0.0000		0.0000		3.1000
Maximum		0.0440		1.6000		0.0000		0.0000		27.0000
Average		0.0440		1.0967		0.0000		0.0000		11.5667

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/15/17	0.0000	11/15/17	0.0000	10/05/17	0.1600	11/15/17	0.0000	10/05/17	2.1000
Sample #2 Date, Result					10/25/17	0.3500			10/25/17	0.2300
Sample #3 Date, Result					11/15/17	0.5500			11/15/17	0.4000
Minimum		0.0000		0.0000		0.1600		0.0000		0.2300
Maximum		0.0000		0.0000		0.5500		0.0000		2.1000
Average		0.0000		0.0000		0.3533		0.0000		0.9100

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/05/17	0.1700	10/05/17	0.0400	10/05/17	0.0098	10/05/17	0.0191	10/05/17	12.7000
Sample #2 Date, Result	10/25/17	3.1000	10/25/17	0.1100	10/25/17	0.0017	10/25/17	0.0015	10/25/17	3.8000
Sample #3 Date, Result	11/15/17	2.9800	11/15/17	0.3800	11/15/17	0.0007	11/15/17	0.0100	11/15/17	11.7000
Minimum		0.1700		0.0400		0.0007		0.0015		3.8000
Maximum		3.1000		0.3800		0.0098		0.0191		12.7000
Average		2.0833		0.1767		0.0041		0.0102		9.4000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	10/05/17	0.1700	11/15/17	350.0000	10/05/17	760.0000	10/05/17	2,700.00	10/05/17	40.00
Sample #2 Date, Result	10/25/17	0.0000			10/25/17	630.0000	10/25/17	840.00	10/25/17	15.00
Sample #3 Date, Result	11/15/17	0.0000			11/15/17	1,100.0000	11/15/17	1,000.00	11/15/17	34.00
Minimum		0.0000		350.0000		630.0000		840.00		15.00
Maximum		0.1700		350.0000		1,100.0000		2,700.00		40.00
Average		0.0567		350.0000		830.0000		1,513.33		29.67

	Sulfate		SGT-HEM	
Sample #1 Date, Result	10/05/17	1,600.000		
Sample #2 Date, Result	10/25/17	350.000		
Sample #3 Date, Result	11/15/17	270.000		
Minimum		270.000		
Maximum		1,600.000		
Average		740.000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	2	2
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	1	1
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	1	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/17/18	7.4	01/17/18	0.00	01/17/18	0.0008	01/17/18	0.018	01/17/18	0.0000
Sample #2 Date, Result	02/14/18	5.9	02/14/18	0.0000	02/14/18	0.0003	02/14/18	0.030	02/14/18	0.0000
Sample #3 Date, Result	03/14/18	6.6	03/14/18	0.0000	03/14/18	0.0002	03/14/18	0.02	03/14/18	0.0000
Minimum		5.9		0.0000		0.0002		0.0180		0.0000
Maximum		7.4		0.0000		0.0008		0.0300		0.0000
Average		6.6		0.0000		0.0004		0.0240		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/14/18	0.1600	01/17/18	0.1600	01/17/18	0.0000	01/17/18	0.0000	01/17/18	0.2500
Sample #2 Date, Result	03/14/18	0.1800	02/14/18	0.1800	02/14/18	0.0000	02/14/18	0.0000	02/14/18	0.9100
Sample #3 Date, Result			03/14/18	0.0390	03/14/18	0.0008	03/14/18	0.0000	03/14/18	0.2900
Minimum		0.1600		0.0390		0.0000		0.0000		0.2500
Maximum		0.1800		0.1800		0.0008		0.0000		0.9100
Average		0.1700		0.1263		0.0003		0.0000		0.4833

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/14/18	0.0000	02/14/18	0.0000	01/17/18	0.2000	02/14/18	0.0000	01/17/18	0.3300
Sample #2 Date, Result					02/14/18	0.3900	03/14/18	0.0000	02/14/18	2.1000
Sample #3 Date, Result					03/14/18	0.2100			03/14/18	5.1000
Minimum		0.0000		0.0000		0.2000		0.0000		0.3300
Maximum		0.0000		0.0000		0.3900		0.0000		5.1000
Average		0.0000		0.0000		0.2667		0.0000		2.5100

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/17/18	0.5200	01/17/18	0.0600	01/17/18	0.0019	01/17/18	0.0058	01/17/18	0.0000
Sample #2 Date, Result	02/14/18	0.5600	02/14/18	0.0100	02/14/18	0.0017	02/14/18	0.0060	02/14/18	0.0000
Sample #3 Date, Result	03/14/18	2.4800	03/14/18	0.0200	03/14/18	0.0000	03/14/18	0.0090	03/14/18	27.4000
Minimum		0.5200		0.0100		0.0000		0.0058		0.0000
Maximum		2.4800		0.0600		0.0019		0.0090		27.4000
Average		1.1867		0.0300		0.0012		0.0069		9.1333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	01/17/18	0.0900	02/14/18	380.0000	01/17/18	4,900.0000	01/17/18	1,600.00	01/17/18	7.00
Sample #2 Date, Result	02/14/18	0.0500			02/14/18	860.0000	02/14/18	2,100.00	02/14/18	20.00
Sample #3 Date, Result	03/14/18	0.0000			03/14/18	750.0000	03/14/18	1,800.00	03/14/18	36.00
Minimum		0.0000		380.0000		750.0000		1,600.00		7.00
Maximum		0.0900		380.0000		4,900.0000		2,100.00		36.00
Average		0.0467		380.0000		2,170.0000		1,833.33		21.00

	Sulfate		SGT-HEM	
Sample #1 Date, Result	01/17/18	360.000		
Sample #2 Date, Result	02/14/18	4,500.000		
Sample #3 Date, Result	03/14/18	680.000		
Minimum		360.000		
Maximum		4,500.000		
Average		1,846.667		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/25/18	7.4	04/25/18	0.00	04/25/18	0.0003	04/25/18	0.015	04/25/18	0.0000
Sample #2 Date, Result	05/23/18	8.4	05/23/18	0.0000	05/23/18	0.0002	05/23/18	0.014	05/23/18	0.0000
Sample #3 Date, Result	06/13/18	8.0	06/13/18	0.0000	06/13/18	0.0000	06/13/18	0.00	06/13/18	0.0000
Minimum		7.4		0.0000		0.0000		0.0030		0.0000
Maximum		8.4		0.0000		0.0003		0.0150		0.0000
Average		7.9		0.0000		0.0002		0.0107		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/25/18	0.0420	04/25/18	0.0250	04/25/18	0.0000	04/25/18	0.0000	04/25/18	0.0890
Sample #2 Date, Result	05/23/18	0.0180	05/23/18	0.0130	05/23/18	0.0000	05/23/18	0.0000	05/23/18	0.0700
Sample #3 Date, Result			06/13/18	0.0280	06/13/18	0.0000	06/13/18	0.0000	06/13/18	0.0420
Minimum		0.0180		0.0130		0.0000		0.0000		0.0420
Maximum		0.0420		0.0280		0.0000		0.0000		0.0890
Average		0.0300		0.0220		0.0000		0.0000		0.0670

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/23/18	0.0210	05/23/18	0.0000	04/25/18	0.4900	05/23/18	0.0002	04/25/18	2.1000
Sample #2 Date, Result					05/23/18	1.3000	06/27/18	0.0000	05/23/18	2.0000
Sample #3 Date, Result					06/13/18	0.4200			06/13/18	5.4000
Minimum		0.0210		0.0000		0.4200		0.0000		2.0000
Maximum		0.0210		0.0000		1.3000		0.0002		5.4000
Average		0.0210		0.0000		0.7367		0.0001		3.1667

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/25/18	0.2500	04/25/18	0.0300	04/25/18	0.0000	04/25/18	0.0096	04/25/18	2.9000
Sample #2 Date, Result	05/23/18	0.3200	05/23/18	0.0400	05/23/18	0.0042	05/23/18	0.0012	05/23/18	20.0000
Sample #3 Date, Result	06/13/18	0.2400	06/13/18	0.0500	06/13/18	0.0000	06/13/18	0.0000	06/13/18	3.0000
Minimum		0.2400		0.0300		0.0000		0.0000		2.9000
Maximum		0.3200		0.0500		0.0042		0.0096		20.0000
Average		0.2700		0.0400		0.0014		0.0036		8.6333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/25/18	0.0000	05/23/18	0.0000	04/25/18	2,200.0000	04/25/18	1,700.00	04/25/18	12.00
Sample #2 Date, Result	05/23/18	0.1000			05/23/18	800.0000	05/23/18	1,300.00	05/23/18	42.00
Sample #3 Date, Result	06/13/18	0.0300			06/13/18	370.0000	06/13/18	1,300.00	06/13/18	8.00
Minimum		0.0000		0.0000		370.0000		1,300.00		8.00
Maximum		0.1000		0.0000		2,200.0000		1,700.00		42.00
Average		0.0433		0.0000		1,123.3333		1,433.33		20.67

	Sulfate		SGT-HEM	
Sample #1 Date, Result	04/25/18	560.000	06/27/18	16.5000
Sample #2 Date, Result	05/23/18	400.000		
Sample #3 Date, Result	06/13/18	500.000		
Minimum		400.000		16.500
Maximum		560.000		16.500
Average		486.667		16.500

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/25/18	6.9	07/25/18	0.00	07/25/18	0.0002	07/25/18	0.022	07/25/18	0.0000
Sample #2 Date, Result	08/16/18	6.9	08/16/18	0.0000	08/16/18	0.0000	08/16/18	0.009	08/16/18	0.0000
Sample #3 Date, Result	09/06/18	6.7	09/06/18	0.0053	09/06/18	0.0000	09/06/18	0.27	09/06/18	0.0000
Minimum		6.7		0.0000		0.0000		0.0090		0.0000
Maximum		6.9		0.0053		0.0002		0.2700		0.0000
Average		6.8		0.0018		0.0001		0.1003		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/20/18	0.0280	07/25/18	0.0510	07/25/18	0.0000	07/25/18	0.0000	07/25/18	0.2100
Sample #2 Date, Result			08/16/18	0.0530	08/16/18	0.0000	08/16/18	0.0000	08/16/18	0.0780
Sample #3 Date, Result			09/06/18	0.0570	09/06/18	0.0000	09/06/18	0.0000	09/06/18	0.0790
Minimum		0.0280		0.0510		0.0000		0.0000		0.0780
Maximum		0.0280		0.0570		0.0000		0.0000		0.2100
Average		0.0280		0.0537		0.0000		0.0000		0.1223

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/20/18	0.0022	09/20/18	0.0000	07/25/18	0.3300	07/25/18	0.0000	07/25/18	1.6000
Sample #2 Date, Result					08/16/18	0.1000	08/16/18	0.0000	08/16/18	1.7000
Sample #3 Date, Result					09/20/18	0.1200	09/06/18	0.0000	09/20/18	0.8800
Minimum		0.0022		0.0000		0.1000		0.0000		0.8800
Maximum		0.0022		0.0000		0.3300		0.0000		1.7000
Average		0.0022		0.0000		0.1833		0.0000		1.3933

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/25/18	0.6400	07/25/18	0.0300	07/25/18	0.0140	08/16/18	0.0040	07/25/18	14.1000
Sample #2 Date, Result	08/16/18	0.1500	08/16/18	0.1300	08/16/18	0.0039			08/16/18	5.2000
Sample #3 Date, Result	09/20/18	0.3400	09/20/18	0.1300	09/06/18	0.0019			09/06/18	7.6000
Minimum		0.1500		0.0300		0.0019		0.0040		5.2000
Maximum		0.6400		0.1300		0.0140		0.0040		14.1000
Average		0.3767		0.0967		0.0066		0.0040		8.9667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	07/25/18	0.0400	09/20/18	350.0000	07/25/18	700.0000	07/25/18	1,500.00	07/25/18	15.00
Sample #2 Date, Result	08/16/18	0.1500			08/16/18	520.0000	08/16/18	980.00	08/16/18	30.00
Sample #3 Date, Result	09/06/18	0.3300			09/20/18	760.0000	09/20/18	650.00	09/20/18	24.00
Minimum		0.0400		350.0000		520.0000		650.00		15.00
Maximum		0.3300		350.0000		760.0000		1,500.00		30.00
Average		0.1733		350.0000		660.0000		1,043.33		23.00

	Sulfate		SGT-HEM	
Sample #1 Date, Result	07/25/18	500.000		
Sample #2 Date, Result	08/16/18	250.000		
Sample #3 Date, Result	09/20/18	230.000		
Minimum		230.000		
Maximum		500.000		
Average		326.667		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/24/18	6.6	10/24/18	0.00	10/24/18	0.0019	10/24/18	0.013	10/24/18	0.0000
Sample #2 Date, Result	11/07/18	6.6	11/07/18	0.0000	11/07/18	0.0008	11/07/18	0.006	11/07/18	0.0000
Sample #3 Date, Result	12/05/18	6.6	12/05/18	0.0000	12/05/18	0.0000	12/05/18	0.00	12/05/18	0.0000
Minimum		6.6		0.0000		0.0000		0.0000		0.0000
Maximum		6.6		0.0000		0.0019		0.0130		0.0000
Average		6.6		0.0000		0.0009		0.0063		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/07/18	0.0280	10/24/18	0.0540	10/24/18	0.0000	10/24/18	0.0000	10/24/18	2.9000
Sample #2 Date, Result			11/07/18	0.0440	11/07/18	0.0000	11/07/18	0.0000	11/07/18	0.2300
Sample #3 Date, Result			12/05/18	0.1700	12/05/18	0.0000	12/05/18	0.0000	12/05/18	0.1400
Minimum		0.0280		0.0440		0.0000		0.0000		0.1400
Maximum		0.0280		0.1700		0.0000		0.0000		2.9000
Average		0.0280		0.0893		0.0000		0.0000		1.0900

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/07/18	0.0000	11/07/18	0.0000	10/24/18	0.1400	10/24/18	0.0000	10/24/18	0.2400
Sample #2 Date, Result					11/07/18	0.2500	11/07/18	0.0000	11/07/18	3.4000
Sample #3 Date, Result					12/05/18	0.2000	12/05/18	0.0000	12/05/18	0.1700
Minimum		0.0000		0.0000		0.1400		0.0000		0.1700
Maximum		0.0000		0.0000		0.2500		0.0000		3.4000
Average		0.0000		0.0000		0.1967		0.0000		1.2700

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/24/18	0.0500	10/24/18	0.1000	10/24/18	0.0020	10/24/18	0.0022	10/24/18	2.6000
Sample #2 Date, Result	11/07/18	1.4700	11/07/18	0.1100	11/07/18	0.0000	11/07/18	0.0000	11/07/18	0.0000
Sample #3 Date, Result	12/05/18	0.5000	12/05/18	0.0600	12/05/18	0.0000			12/05/18	4.0000
Minimum		0.0500		0.0600		0.0000		0.0000		0.0000
Maximum		1.4700		0.1100		0.0020		0.0022		4.0000
Average		0.6733		0.0900		0.0007		0.0011		2.2000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	10/24/18	0.1100	11/07/18	100.0000	10/24/18	2,900.0000	10/24/18	1,600.00	10/24/18	10.40
Sample #2 Date, Result	11/07/18	0.0000			11/07/18	390.0000	11/07/18	810.00	11/07/18	27.30
Sample #3 Date, Result					12/05/18	260.0000	12/05/18	820.00	12/05/18	13.20
Minimum		0.0000		100.0000		260.0000		810.00		10.40
Maximum		0.1100		100.0000		2,900.0000		1,600.00		27.30
Average		0.0550		100.0000		1,183.3333		1,076.67		16.97

	Sulfate		SGT-HEM	
Sample #1 Date, Result	10/24/18	650.000		
Sample #2 Date, Result	11/07/18	280.000		
Sample #3 Date, Result	12/05/18	280.000		
Minimum		280.000		
Maximum		650.000		
Average		403.333		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/16/19	6.5	01/16/19	0.00	01/16/19	0.0000	01/16/19	0.004	01/16/19	0.0000
Sample #2 Date, Result	02/06/19	6.6	02/06/19	0.0000	02/06/19	0.0002	02/06/19	0.020	02/06/19	0.0013
Sample #3 Date, Result	03/28/19	6.4	03/28/19	0.0000			03/28/19	0.01	03/28/19	0.0002
Minimum		6.4		0.0000		0.0000		0.0040		0.0000
Maximum		6.6		0.0000		0.0002		0.0200		0.0013
Average		6.5		0.0000		0.0001		0.0107		0.0005

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/06/19	0.0189	01/16/19	0.0110	01/16/19	0.0000	01/16/19	0.0000	01/16/19	2.7000
Sample #2 Date, Result	03/28/19	0.0093	02/06/19	0.0262					02/06/19	0.3000
Sample #3 Date, Result			03/28/19	0.0496					03/28/19	0.5000
Minimum		0.0093		0.0110		0.0000		0.0000		0.3000
Maximum		0.0189		0.0496		0.0000		0.0000		2.7000
Average		0.0141		0.0289		0.0000		0.0000		1.1667

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/06/19	0.0100			01/16/19	0.7800	02/06/19	0.0001	01/16/19	0.1100
Sample #2 Date, Result	03/28/19	0.1000			02/06/19	1.0000	03/28/19	0.0001	02/06/19	0.1000
Sample #3 Date, Result					03/28/19	2.5000			03/28/19	0.1000
Minimum		0.0100				0.7800		0.0001		0.1000
Maximum		0.1000				2.5000		0.0001		0.1100
Average		0.0550				1.4267		0.0001		0.1033

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/16/19	1.8600	01/16/19	0.0900	01/16/19	0.0000	01/16/19	0.0000	01/16/19	1.6000
Sample #2 Date, Result	02/06/19	0.4100	02/06/19	0.0500	02/06/19	0.0000	02/06/19	0.0020	02/06/19	6.4000
Sample #3 Date, Result	03/28/19	0.9700	03/28/19	0.2300	03/28/19	0.0000	03/28/19	0.0037	03/28/19	35.0000
Minimum		0.4100		0.0500		0.0000		0.0000		1.6000
Maximum		1.8600		0.2300		0.0000		0.0037		35.0000
Average		1.0800		0.1233		0.0000		0.0019		14.3333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			02/06/19	88.0000	01/16/19	1,100.0000	01/16/19	1,100.00	01/16/19	20.00
Sample #2 Date, Result					02/06/19	341.0000			02/06/19	7.00
Sample #3 Date, Result					03/28/19	1,380.0000			03/28/19	30.00
Minimum				88.0000		341.0000		1,100.00		7.00
Maximum				88.0000		1,380.0000		1,100.00		30.00
Average				88.0000		940.3333		1,100.00		19.00

	Sulfate		SGT-HEM	
Sample #1 Date, Result	01/16/19	38.000		
Sample #2 Date, Result	02/06/19	620.000		
Sample #3 Date, Result				
Minimum		38.000		
Maximum		620.000		
Average		329.000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/16/19	6.5	04/16/19	0.00	06/24/19	0.0004	04/16/19	0.020	04/16/19	0.0003
Sample #2 Date, Result	05/15/19	6.3	05/15/19	0.0000			05/15/19	0.008	05/15/19	0.0002
Sample #3 Date, Result	06/24/19	6.5	06/24/19	0.0000			06/24/19	0.02	06/24/19	0.0003
Minimum		6.3		0.0000		0.0004		0.0080		0.0002
Maximum		6.5		0.0000		0.0004		0.0240		0.0003
Average		6.4		0.0000		0.0004		0.0173		0.0003

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/16/19	0.0202	04/16/19	0.1080					04/16/19	0.1000
Sample #2 Date, Result	05/15/19	0.1980	05/15/19	2.8300					05/15/19	0.1000
Sample #3 Date, Result	06/24/19	0.0305	06/24/19	0.0711					06/24/19	0.1000
Minimum		0.0202		0.0711						0.1000
Maximum		0.1980		2.8300						0.1000
Average		0.0829		1.0030						0.1000

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/16/19	0.1000			04/16/19	1.6000	04/16/19	0.0001	04/16/19	0.1000
Sample #2 Date, Result	05/15/19	0.1000			05/15/19	0.5000	05/15/19	0.0001	05/15/19	0.9400
Sample #3 Date, Result	06/24/19	0.0100			06/24/19	0.8000	06/24/19	0.0001	06/24/19	0.1000
Minimum		0.0100				0.5000		0.0001		0.1000
Maximum		0.1000				1.6000		0.0001		0.9400
Average		0.0700				0.9667		0.0001		0.3800

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/16/19	1.5700	04/16/19	0.0500	04/16/19	0.0000	04/16/19	0.0042	04/16/19	5.0000
Sample #2 Date, Result	05/15/19	0.5000	05/15/19	0.0400	05/15/19	0.0000	05/15/19	0.0130	05/15/19	5.0000
Sample #3 Date, Result	06/24/19	2.6600	06/24/19	0.0900	06/24/19	0.0000	06/24/19	0.0029	06/24/19	191.0000
Minimum		0.5000		0.0400		0.0000		0.0029		5.0000
Maximum		2.6600		0.0900		0.0000		0.0130		191.0000
Average		1.5767		0.0600		0.0000		0.0067		67.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					04/16/19	417.0000			04/16/19	13.00
Sample #2 Date, Result					05/15/19	795.0000			05/15/19	26.00
Sample #3 Date, Result					06/24/19	461.0000			06/24/19	37.00
Minimum						417.0000				13.00
Maximum						795.0000				37.00
Average						557.6667				25.33

	Sulfate		SGT-HEM	
Sample #1 Date, Result			05/15/19	5.0000
Sample #2 Date, Result			06/24/19	88.8000
Sample #3 Date, Result				
Minimum				5.000
Maximum				88.800
Average				46.900

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	1	1
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	1	1
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	1	1

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/16/19	6.4	07/16/19	0.00	07/16/19	0.0008	07/16/19	0.007	07/16/19	0.0002
Sample #2 Date, Result	08/13/19	9.1								
Sample #3 Date, Result										
Minimum		6.4		0.0000		0.0008		0.0070		0.0002
Maximum		9.1		0.0000		0.0008		0.0070		0.0002
Average		7.8		0.0000		0.0008		0.0070		0.0002

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/16/19	0.1280	07/16/19	0.1680					07/16/19	2.0000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.1280		0.1680						2.0000
Maximum		0.1280		0.1680						2.0000
Average		0.1280		0.1680						2.0000

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	07/16/19	0.0500			07/16/19	0.4000	07/16/19	0.0002	07/16/19	0.4500
Sample #2 Date, Result	08/13/19	0.1000								
Sample #3 Date, Result										
Minimum		0.0500				0.4000		0.0002		0.4500
Maximum		0.1000				0.4000		0.0002		0.4500
Average		0.0750				0.4000		0.0002		0.4500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/16/19	1.3200	07/16/19	0.6600	07/16/19	0.0000	07/16/19	0.0055	07/16/19	5.0000
Sample #2 Date, Result							08/13/19	0.0010	08/13/19	5.0000
Sample #3 Date, Result										
Minimum		1.3200		0.6600		0.0000		0.0010		5.0000
Maximum		1.3200		0.6600		0.0000		0.0055		5.0000
Average		1.3200		0.6600		0.0000		0.0033		5.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					07/16/19	458.0000			07/16/19	10.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						458.0000				10.00
Maximum						458.0000				10.00
Average						458.0000				10.00

	Sulfate		SGT-HEM	
Sample #1 Date, Result			07/16/19	5.0000
Sample #2 Date, Result			08/13/19	5.0000
Sample #3 Date, Result				
Minimum				5.000
Maximum				5.000
Average				5.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Annual Summary Data for #514 National Processing

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/14/16	7.0	01/14/16	0.0000	03/03/16	0.0000	01/14/16	0.0390	01/14/16	0.0000
Sample #2 Date, Result	02/11/16	6.7	02/11/16	0.0000			02/11/16	0.0120	02/11/16	0.0000
Sample #3 Date, Result	03/03/16	7.4	03/03/16	0.0034			03/03/16	0.0100	03/03/16	0.0000
Minimum		6.7		0.0000		0.0000		0.0100		0.0000
Maximum		7.4		0.0034		0.0000		0.0390		0.0000
Average		7.0		0.0011		0.0000		0.0203		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/03/16	0.0082	01/14/16	0.0290	03/03/16	0.0000	01/14/16	0.0000	01/14/16	0.0210
Sample #2 Date, Result			02/11/16	0.0120			02/11/16	0.0000	02/11/16	0.0130
Sample #3 Date, Result			03/03/16	0.0150			03/03/16	0.0000	03/03/16	0.0081
Minimum		0.0082		0.0120		0.0000		0.0000		0.0081
Maximum		0.0082		0.0290		0.0000		0.0000		0.0210
Average		0.0082		0.0187		0.0000		0.0000		0.0140

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	03/03/16	0.0000	03/03/16	0.0000	01/14/16	0.2300	03/03/16	0.0000	01/14/16	0.9600
Sample #2 Date, Result					02/11/16	0.2200			02/11/16	0.3000
Sample #3 Date, Result					03/03/16	0.1600			03/03/16	0.2000
Minimum		0.0000		0.0000		0.1600		0.0000		0.2000
Maximum		0.0000		0.0000		0.2300		0.0000		0.9600
Average		0.0000		0.0000		0.2033		0.0000		0.4867

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/14/16	0.0800	03/03/16	0.3300	01/14/16	0.0180	03/04/16	0.0021	01/14/16	0.0000
Sample #2 Date, Result	02/11/16	0.4800			02/11/16	0.0063			02/11/16	6.0000
Sample #3 Date, Result	03/03/16	0.4300			03/03/16	0.0046			03/04/16	0.0000
Minimum		0.0800		0.3300		0.0046		0.0021		0.0000
Maximum		0.4800		0.3300		0.0180		0.0021		6.0000
Average		0.3300		0.3300		0.0096		0.0021		2.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	03/03/16	0.0000	03/03/16	49.00	01/14/16	160.00	01/14/16	1,900.00	01/14/16	100.00
Sample #2 Date, Result					02/11/16	180.00	02/11/16	1,300.00	02/11/16	76.00
Sample #3 Date, Result					03/03/16	110.00	03/03/16	1,100.00	03/03/16	31.00
Minimum		0.0000		49.00		110.00		1,100.00		31.00
Maximum		0.0000		49.00		180.00		1,900.00		100.00
Average		0.0000		49.00		150.00		1,433.33		69.00

	Sulfate	
Sample #1 Date, Result	01/14/16	46.000
Sample #2 Date, Result	02/11/16	31.000
Sample #3 Date, Result	03/03/16	30.000
Minimum		30.000
Maximum		46.000
Average		35.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/14/16	7.1	04/14/16	0.0000	06/16/16	0.0000	04/14/16	0.0070	04/14/16	0.0022
Sample #2 Date, Result	04/20/16	6.9	04/20/16	0.0060			04/20/16	0.0063	04/20/16	0.0021
Sample #3 Date, Result	05/12/16	7.3	05/12/16	0.0041			05/12/16	0.0017	05/12/16	0.0000
Minimum		6.9		0.0000		0.0000		0.0017		0.0000
Maximum		7.3		0.0060		0.0000		0.0070		0.0022
Average		7.1		0.0034		0.0000		0.0050		0.0014

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/16/16	0.0067	04/14/16	0.0250	06/16/16	0.0000	04/14/16	0.0000	04/14/16	0.0140
Sample #2 Date, Result			04/20/16	0.0086			04/20/16	0.0000	04/20/16	0.0062
Sample #3 Date, Result			05/12/16	0.0310			05/12/16	0.0000	05/12/16	0.0220
Minimum		0.0067		0.0086		0.0000		0.0000		0.0062
Maximum		0.0067		0.0310		0.0000		0.0000		0.0220
Average		0.0067		0.0215		0.0000		0.0000		0.0141

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/16/16	0.0000	06/16/16	0.0000	04/14/16	0.2500	06/16/16	0.0000	04/14/16	0.3200
Sample #2 Date, Result					04/20/16	0.2400			04/20/16	0.2100
Sample #3 Date, Result					05/12/16	0.2500			05/12/16	0.3200
Minimum		0.0000		0.0000		0.2400		0.0000		0.2100
Maximum		0.0000		0.0000		0.2500		0.0000		0.3200
Average		0.0000		0.0000		0.2467		0.0000		0.2833

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/14/16	0.2100	06/16/16	0.4200	04/14/16	0.0060	06/16/16	0.0007	04/14/16	2.6000
Sample #2 Date, Result	04/20/16	0.4100			04/20/16	0.0026			04/20/16	0.0000
Sample #3 Date, Result	05/12/16	0.6600			05/12/16	0.0150			05/12/16	2.0000
Minimum		0.2100		0.4200		0.0026		0.0007		0.0000
Maximum		0.6600		0.4200		0.0150		0.0007		2.6000
Average		0.4267		0.4200		0.0079		0.0007		1.5333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/14/16	0.0300	06/16/16	82.00	04/14/16	140.00	04/14/16	1,300.00	04/14/16	42.00
Sample #2 Date, Result	06/16/16	0.0200			04/20/16	150.00	04/20/16	1,200.00	04/20/16	30.00
Sample #3 Date, Result					05/12/16	160.00	05/12/16	950.00	05/12/16	80.00
Minimum		0.0200		82.00		140.00		950.00		30.00
Maximum		0.0300		82.00		160.00		1,300.00		80.00
Average		0.0250		82.00		150.00		1,150.00		50.67

	Sulfate	
Sample #1 Date, Result	04/14/16	40.000
Sample #2 Date, Result	04/20/16	28.000
Sample #3 Date, Result	05/12/16	32.000
Minimum		28.000
Maximum		40.000
Average		33.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Sep 30, 2016

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/14/16	7.5	07/14/16	0.0000	07/14/16	0.0000	07/14/16	0.0069	07/06/16	0.0050
Sample #2 Date, Result	08/11/16	7.8	08/11/16	0.0000			08/11/16	0.0058	07/14/16	0.0000
Sample #3 Date, Result	09/15/16	7.4	09/15/16	0.0170			09/15/16	0.0240	08/11/16	0.0000
Minimum		7.4		0.0000		0.0000		0.0058		0.0000
Maximum		7.8		0.0170		0.0000		0.0240		0.0050
Average		7.6		0.0057		0.0000		0.0122		0.0017

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/14/16	0.0068	07/14/16	0.0098	07/14/16	0.0000	07/14/16	0.0000	07/06/16	0.0120
Sample #2 Date, Result			08/11/16	0.0120			08/11/16	0.0000	07/14/16	0.0045
Sample #3 Date, Result			09/15/16	0.0290			09/15/16	0.0000	08/11/16	0.0088
Minimum		0.0068		0.0098		0.0000		0.0000		0.0045
Maximum		0.0068		0.0290		0.0000		0.0000		0.0120
Average		0.0068		0.0169		0.0000		0.0000		0.0084

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	07/14/16	0.0000	07/14/16	0.0000	07/14/16	0.1300	07/14/16	0.0000	07/14/16	0.2100
Sample #2 Date, Result					08/11/16	0.1700			08/11/16	0.4400
Sample #3 Date, Result					09/15/16	0.2000			09/15/16	0.1600
Minimum		0.0000		0.0000		0.1300		0.0000		0.1600
Maximum		0.0000		0.0000		0.2000		0.0000		0.4400
Average		0.0000		0.0000		0.1667		0.0000		0.2700

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/14/16	0.3800	07/14/16	0.4300	07/14/16	0.0075	07/14/16	0.0010	07/14/16	0.0000
Sample #2 Date, Result	08/11/16	0.2800			08/11/16	0.0040			08/11/16	0.0000
Sample #3 Date, Result	09/15/16	0.1800			09/15/16	0.0230			09/15/16	2.8000
Minimum		0.1800		0.4300		0.0040		0.0010		0.0000
Maximum		0.3800		0.4300		0.0230		0.0010		2.8000
Average		0.2800		0.4300		0.0115		0.0010		0.9333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	07/14/16	0.3000	07/14/16	31.00	07/14/16	110.00	07/14/16	1,500.00	07/14/16	67.00
Sample #2 Date, Result					08/11/16	170.00	08/11/16	1,300.00	08/11/16	81.00
Sample #3 Date, Result					09/15/16	210.00	09/15/16	1,300.00	09/15/16	58.00
Minimum		0.3000		31.00		110.00		1,300.00		58.00
Maximum		0.3000		31.00		210.00		1,500.00		81.00
Average		0.3000		31.00		163.33		1,366.67		68.67

	Sulfate	
Sample #1 Date, Result	07/14/16	39.000
Sample #2 Date, Result	08/11/16	37.000
Sample #3 Date, Result	09/15/16	35.000
Minimum		35.000
Maximum		39.000
Average		37.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Sep 30, 2016

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/20/16	7.3	10/20/16	0.0130	10/20/16	0.0000	10/20/16	0.0160	10/20/16	0.0000
Sample #2 Date, Result	11/01/16	8.1	11/01/16	0.0140			11/01/16	0.0260	11/01/16	0.0000
Sample #3 Date, Result	12/13/16	7.4	12/13/16	0.0097			12/13/16	0.0380	12/13/16	0.0000
Minimum		7.3		0.0097		0.0000		0.0160		0.0000
Maximum		8.1		0.0140		0.0000		0.0380		0.0000
Average		7.6		0.0122		0.0000		0.0267		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/20/16	0.0240	10/20/16	0.0180	10/20/16	0.0000	10/20/16	0.0000	10/20/16	0.0120
Sample #2 Date, Result			11/01/16	0.0270			11/01/16	0.0000	11/01/16	0.0660
Sample #3 Date, Result			12/13/16	0.0420			12/13/16	0.0000	12/13/16	0.0150
Minimum		0.0240		0.0180		0.0000		0.0000		0.0120
Maximum		0.0240		0.0420		0.0000		0.0000		0.0660
Average		0.0240		0.0290		0.0000		0.0000		0.0310

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/20/16	0.0018	10/20/16	0.0000	10/20/16	0.1700	10/20/16	0.0000	10/20/16	0.0700
Sample #2 Date, Result					11/01/16	0.2500			11/01/16	0.2800
Sample #3 Date, Result					12/13/16	0.1700			12/13/16	0.0000
Minimum		0.0018		0.0000		0.1700		0.0000		0.0000
Maximum		0.0018		0.0000		0.2500		0.0000		0.2800
Average		0.0018		0.0000		0.1967		0.0000		0.1167

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/20/16	0.4300	10/20/16	0.6100	10/20/16	0.0097	10/20/16	0.0016	10/20/16	13.9000
Sample #2 Date, Result	11/01/16	0.9500			11/01/16	0.0180			11/01/16	7.1000
Sample #3 Date, Result	12/13/16	0.5200			12/13/16	0.0170			12/13/16	4.3000
Minimum		0.4300		0.6100		0.0097		0.0016		4.3000
Maximum		0.9500		0.6100		0.0180		0.0016		13.9000
Average		0.6333		0.6100		0.0149		0.0016		8.4333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	10/20/16	0.1400	10/20/16	26.00	10/20/16	190.00	10/20/16	1,400.00	10/20/16	33.00
Sample #2 Date, Result					11/01/16	250.00	11/01/16	1,300.00	11/01/16	61.00
Sample #3 Date, Result					12/13/16	170.00	12/13/16	920.00	12/13/16	52.00
Minimum		0.1400		26.00		170.00		920.00		33.00
Maximum		0.1400		26.00		250.00		1,400.00		61.00
Average		0.1400		26.00		203.33		1,206.67		48.67

	Sulfate	
Sample #1 Date, Result	10/20/16	22.000
Sample #2 Date, Result	11/01/16	31.000
Sample #3 Date, Result	12/13/16	26.000
Minimum		22.000
Maximum		31.000
Average		26.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/19/17	6.9	01/19/17	0.0480	03/14/17	0.0003	01/19/17	0.2900	01/19/17	0.0000
Sample #2 Date, Result	02/09/17	7.3	02/09/17	0.0099			02/09/17	0.0150	02/09/17	0.0000
Sample #3 Date, Result	03/14/17	7.4	03/14/17	0.0093			03/14/17	0.0470	03/14/17	0.0000
Minimum		6.9		0.0093		0.0003		0.0150		0.0000
Maximum		7.4		0.0480		0.0003		0.2900		0.0000
Average		7.2		0.0224		0.0003		0.1173		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/14/17	0.1100	01/19/17	0.1100	03/14/17	0.0000	01/19/17	0.0000	01/19/17	0.0420
Sample #2 Date, Result			02/09/17	0.0110			02/09/17	0.0000	02/09/17	0.0096
Sample #3 Date, Result			03/14/17	0.0460			03/14/17	0.0000	03/14/17	0.0200
Minimum		0.1100		0.0110		0.0000		0.0000		0.0096
Maximum		0.1100		0.1100		0.0000		0.0000		0.0420
Average		0.1100		0.0557		0.0000		0.0000		0.0239

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	03/14/17	0.0000	03/14/17	0.0000	01/19/17	0.2000	03/14/17	0.0000	01/19/17	0.0000
Sample #2 Date, Result					02/09/17	0.2000			02/09/17	0.2000
Sample #3 Date, Result					03/14/17	0.2500			03/14/17	0.2000
Minimum		0.0000		0.0000		0.2000		0.0000		0.0000
Maximum		0.0000		0.0000		0.2500		0.0000		0.2000
Average		0.0000		0.0000		0.2167		0.0000		0.1333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/19/17	0.1500	03/14/17	0.3700	01/19/17	0.1500	03/14/17	0.0006	01/19/17	0.0000
Sample #2 Date, Result	02/09/17	0.7000			02/09/17	0.0063			02/09/17	3.2000
Sample #3 Date, Result	03/14/17	0.4500			03/14/17	0.0680			03/14/17	2.7000
Minimum		0.1500		0.3700		0.0063		0.0006		0.0000
Maximum		0.7000		0.3700		0.1500		0.0006		3.2000
Average		0.4333		0.3700		0.0748		0.0006		1.9667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	03/14/17	0.1800	03/14/17	93.00	01/19/17	220.00	01/19/17	4,800.00	01/19/17	470.00
Sample #2 Date, Result					02/09/17	130.00	02/09/17	1,300.00	02/09/17	24.00
Sample #3 Date, Result					03/14/17	220.00	03/14/17	1,600.00	03/14/17	130.00
Minimum		0.1800		93.00		130.00		1,300.00		24.00
Maximum		0.1800		93.00		220.00		4,800.00		470.00
Average		0.1800		93.00		190.00		2,566.67		208.00

	Sulfate	
Sample #1 Date, Result	01/19/17	24.000
Sample #2 Date, Result	02/09/17	19.000
Sample #3 Date, Result	03/14/17	33.000
Minimum		19.000
Maximum		33.000
Average		25.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/10/17	7.3	04/10/17	0.0170	05/11/17	0.0000	04/10/17	0.0780	04/10/17	0.0000
Sample #2 Date, Result	05/11/17	7.7	05/11/17	0.0340			05/11/17	0.0720	05/11/17	0.0000
Sample #3 Date, Result	06/13/17	7.2	06/13/17	0.0110			06/13/17	0.0260	06/13/17	0.0000
Minimum		7.2		0.0110		0.0000		0.0260		0.0000
Maximum		7.7		0.0340		0.0000		0.0780		0.0000
Average		7.4		0.0207		0.0000		0.0587		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/11/17	0.4000	04/10/17	0.0640	05/11/17	0.0000	04/10/17	0.0000	04/10/17	0.0440
Sample #2 Date, Result			05/11/17	0.0890			05/11/17	0.0000	05/11/17	0.0330
Sample #3 Date, Result			06/13/17	0.0440			06/13/17	0.0000	06/13/17	0.0150
Minimum		0.4000		0.0440		0.0000		0.0000		0.0150
Maximum		0.4000		0.0890		0.0000		0.0000		0.0440
Average		0.4000		0.0657		0.0000		0.0000		0.0307

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/11/17	0.0000	05/11/17	0.0000	04/10/17	0.3500	05/11/17	0.0000	04/10/17	0.2300
Sample #2 Date, Result					05/11/17	0.3400			05/11/17	0.1500
Sample #3 Date, Result					06/13/17	0.1500			06/13/17	0.3400
Minimum		0.0000		0.0000		0.1500		0.0000		0.1500
Maximum		0.0000		0.0000		0.3500		0.0000		0.3400
Average		0.0000		0.0000		0.2800		0.0000		0.2400

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/10/17	0.3300	05/11/17	0.0000	04/10/17	0.2600	05/11/17	0.0006	04/10/17	0.0000
Sample #2 Date, Result	05/11/17	0.6200			05/11/17	0.2100			05/11/17	0.0000
Sample #3 Date, Result	06/13/17	0.4200			06/13/17	0.1100			06/13/17	1.5000
Minimum		0.3300		0.0000		0.1100		0.0006		0.0000
Maximum		0.6200		0.0000		0.2600		0.0006		1.5000
Average		0.4567		0.0000		0.1933		0.0006		0.5000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	05/11/17	0.8600	05/11/17	63.00	04/10/17	210.00	04/10/17	2,700.00	04/10/17	240.00
Sample #2 Date, Result					05/11/17	170.00	05/11/17	1,100.00	05/11/17	84.00
Sample #3 Date, Result					06/13/17	180.00	06/13/17	1,100.00	06/13/17	88.00
Minimum		0.8600		63.00		170.00		1,100.00		84.00
Maximum		0.8600		63.00		210.00		2,700.00		240.00
Average		0.8600		63.00		186.67		1,633.33		137.33

	Sulfate	
Sample #1 Date, Result	04/10/17	46.000
Sample #2 Date, Result	05/11/17	41.000
Sample #3 Date, Result	06/13/17	24.000
Minimum		24.000
Maximum		46.000
Average		37.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/20/17	7.4	07/20/17	0.0000	08/10/17	0.0015	07/20/17	0.0120	08/10/17	0.0033
Sample #2 Date, Result	08/10/17	9.8	08/10/17	0.0210			08/10/17	0.0750	09/12/17	0.0000
Sample #3 Date, Result	09/12/17	7.1	09/12/17	0.0000			09/12/17	0.0210		
Minimum		7.1		0.0000		0.0015		0.0120		0.0000
Maximum		9.8		0.0210		0.0015		0.0750		0.0033
Average		8.1		0.0070		0.0015		0.0360		0.0017

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	08/10/17	0.1200	08/10/17	0.0910	08/10/17	0.0000	07/20/17	0.0000	08/10/17	0.0470
Sample #2 Date, Result			09/12/17	0.0230			08/10/17	0.0000	09/12/17	0.0620
Sample #3 Date, Result							09/12/17	0.0000		
Minimum		0.1200		0.0230		0.0000		0.0000		0.0470
Maximum		0.1200		0.0910		0.0000		0.0000		0.0620
Average		0.1200		0.0570		0.0000		0.0000		0.0545

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	08/10/17	0.0000	08/10/17	0.0000	07/20/17	0.1400	08/10/17	0.0000	07/20/17	0.5300
Sample #2 Date, Result					08/10/17	0.1500			08/10/17	0.2400
Sample #3 Date, Result					09/12/17	0.1400			09/12/17	0.2000
Minimum		0.0000		0.0000		0.1400		0.0000		0.2000
Maximum		0.0000		0.0000		0.1500		0.0000		0.5300
Average		0.0000		0.0000		0.1433		0.0000		0.3233

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/20/17	0.5600	08/10/17	0.2800	08/10/17	0.1100	08/10/17	0.0048	07/20/17	0.0000
Sample #2 Date, Result	08/10/17	1.1300			09/12/17	0.0130			08/10/17	2.4000
Sample #3 Date, Result	09/12/17	0.5400							09/12/17	2.2000
Minimum		0.5400		0.2800		0.0130		0.0048		0.0000
Maximum		1.1300		0.2800		0.1100		0.0048		2.4000
Average		0.7433		0.2800		0.0615		0.0048		1.5333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	09/12/17	0.7400	08/10/17	94.00	07/20/17	130.00	07/20/17	1,000.00	07/20/17	93.00
Sample #2 Date, Result					08/10/17	190.00	08/10/17	780.00	08/10/17	190.00
Sample #3 Date, Result					09/12/17	99.00	09/12/17	1,000.00	09/12/17	120.00
Minimum		0.7400		94.00		99.00		780.00		93.00
Maximum		0.7400		94.00		190.00		1,000.00		190.00
Average		0.7400		94.00		139.67		926.67		134.33

	Sulfate	
Sample #1 Date, Result	07/20/17	30.000
Sample #2 Date, Result	08/10/17	36.000
Sample #3 Date, Result	09/12/17	22.000
Minimum		22.000
Maximum		36.000
Average		29.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/04/17	7.1	10/04/17	0.0065	11/14/17	0.0002	10/04/17	0.0330	10/04/17	0.0000
Sample #2 Date, Result	11/14/17	9.0	11/14/17	0.0000			11/14/17	0.0180	11/14/17	0.0000
Sample #3 Date, Result	12/12/17	9.3	12/12/17	0.0047			12/12/17	0.0190	12/12/17	0.0000
Minimum		7.1		0.0000		0.0002		0.0180		0.0000
Maximum		9.3		0.0065		0.0002		0.0330		0.0000
Average		8.5		0.0037		0.0002		0.0233		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/14/17	0.1100	10/04/17	0.0580	11/14/17	0.0000	10/04/17	0.0000	10/04/17	0.0220
Sample #2 Date, Result			11/14/17	0.0340			11/14/17	0.0000	11/14/17	0.0340
Sample #3 Date, Result			12/12/17	0.0430			12/12/17	0.0000	12/12/17	0.0150
Minimum		0.1100		0.0340		0.0000		0.0000		0.0150
Maximum		0.1100		0.0580		0.0000		0.0000		0.0340
Average		0.1100		0.0450		0.0000		0.0000		0.0237

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/14/17	0.0000	11/14/17	0.0000	10/04/17	0.1400	11/14/17	0.0000	10/04/17	0.2800
Sample #2 Date, Result					11/14/17	0.2400			11/14/17	0.0000
Sample #3 Date, Result					12/12/17	0.1900			12/12/17	0.1600
Minimum		0.0000		0.0000		0.1400		0.0000		0.0000
Maximum		0.0000		0.0000		0.2400		0.0000		0.2800
Average		0.0000		0.0000		0.1900		0.0000		0.1467

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/04/17	0.4400	11/14/17	0.5200	10/04/17	0.2200	11/14/17	0.0014	10/04/17	1.6000
Sample #2 Date, Result	11/14/17	0.6200			11/14/17	0.0530			11/14/17	2.9000
Sample #3 Date, Result	12/12/17	0.5800			12/12/17	0.0120			12/12/17	0.0000
Minimum		0.4400		0.5200		0.0120		0.0014		0.0000
Maximum		0.6200		0.5200		0.2200		0.0014		2.9000
Average		0.5467		0.5200		0.0950		0.0014		1.5000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	11/14/17	0.3200	11/14/17	75.00	10/04/17	160.00	10/04/17	1,700.00	10/04/17	210.00
Sample #2 Date, Result	12/12/17	0.1200			11/14/17	150.00	11/14/17	1,000.00	11/14/17	79.00
Sample #3 Date, Result					12/12/17	150.00	12/12/17	680.00	12/12/17	64.00
Minimum		0.1200		75.00		150.00		680.00		64.00
Maximum		0.3200		75.00		160.00		1,700.00		210.00
Average		0.2200		75.00		153.33		1,126.67		117.67

	Sulfate	
Sample #1 Date, Result	10/04/17	15.000
Sample #2 Date, Result	12/12/17	33.000
Sample #3 Date, Result		
Minimum		15.000
Maximum		33.000
Average		24.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/18/18	9.5	01/18/18	0.0042	03/13/18	0.0001	01/18/18	0.0130	01/18/18	0.0000
Sample #2 Date, Result	02/08/18	9.3	02/08/18	0.0097			02/08/18	0.0250	02/08/18	0.0000
Sample #3 Date, Result	03/13/18	6.8	03/13/18	0.0000			03/13/18	0.0220	03/13/18	0.0000
Minimum		6.8		0.0000		0.0001		0.0130		0.0000
Maximum		9.5		0.0097		0.0001		0.0250		0.0000
Average		8.5		0.0046		0.0001		0.0200		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/13/18	0.0510	01/18/18	0.0160	03/13/18	0.0000	01/18/18	0.0000	01/18/18	0.0140
Sample #2 Date, Result			02/08/18	0.0310			02/08/18	0.0000	02/08/18	0.0150
Sample #3 Date, Result			03/13/18	0.0180			03/13/18	0.0000	03/13/18	0.0100
Minimum		0.0510		0.0160		0.0000		0.0000		0.0100
Maximum		0.0510		0.0310		0.0000		0.0000		0.0150
Average		0.0510		0.0217		0.0000		0.0000		0.0130

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	03/13/18	0.0000	03/13/18	0.0000	01/18/18	0.1500	03/13/18	0.0000	01/18/18	0.2600
Sample #2 Date, Result					02/08/18	0.1600			02/08/18	0.1200
Sample #3 Date, Result					03/13/18	0.2800			03/13/18	0.2700
Minimum		0.0000		0.0000		0.1500		0.0000		0.1200
Maximum		0.0000		0.0000		0.2800		0.0000		0.2700
Average		0.0000		0.0000		0.1967		0.0000		0.2167

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/18/18	0.6900	03/13/18	0.3200	01/18/18	0.0130	03/13/18	0.0000	01/18/18	1.8000
Sample #2 Date, Result	02/08/18	1.0400			02/08/18	0.0150			02/08/18	8.1000
Sample #3 Date, Result	03/13/18	0.0700			03/13/18	0.0280			03/13/18	0.0000
Minimum		0.0700		0.3200		0.0130		0.0000		0.0000
Maximum		1.0400		0.3200		0.0280		0.0000		8.1000
Average		0.6000		0.3200		0.0187		0.0000		3.3000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	01/18/18	0.4000	03/13/18	80.00	01/18/18	170.00	01/18/18	1,300.00	01/18/18	60.00
Sample #2 Date, Result	02/08/18	0.1000			02/08/18	210.00	02/08/18	1,300.00	02/08/18	56.00
Sample #3 Date, Result	03/13/18	0.6900			03/13/18	200.00	03/13/18	1,600.00	03/13/18	88.00
Minimum		0.1000		80.00		170.00		1,300.00		56.00
Maximum		0.6900		80.00		210.00		1,600.00		88.00
Average		0.3967		80.00		193.33		1,400.00		68.00

	Sulfate	
Sample #1 Date, Result	01/18/18	25.000
Sample #2 Date, Result	02/08/18	23.000
Sample #3 Date, Result	03/13/18	31.000
Minimum		23.000
Maximum		31.000
Average		26.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/04/18	7.4	04/04/18	0.0000	05/10/18	0.0000	04/04/18	0.0570	04/04/18	0.0000
Sample #2 Date, Result	05/10/18	7.7	05/10/18	0.0110			05/10/18	0.0170	05/10/18	0.0000
Sample #3 Date, Result	06/12/18	7.1	06/12/18	0.0320			06/12/18	0.0420	06/12/18	0.0000
Minimum		7.1		0.0000		0.0000		0.0170		0.0000
Maximum		7.7		0.0320		0.0000		0.0570		0.0000
Average		7.4		0.0143		0.0000		0.0387		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/10/18	0.0570	04/04/18	0.0220	05/10/18	0.0000	04/04/18	0.0000	04/04/18	0.0073
Sample #2 Date, Result			05/10/18	0.0260			05/10/18	0.0000	05/10/18	0.0110
Sample #3 Date, Result			06/12/18	0.0590			06/12/18	0.0000	06/12/18	0.0320
Minimum		0.0570		0.0220		0.0000		0.0000		0.0073
Maximum		0.0570		0.0590		0.0000		0.0000		0.0320
Average		0.0570		0.0357		0.0000		0.0000		0.0168

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/10/18	0.0000	05/10/18	0.0000	04/04/18	0.2600	05/10/18	0.0000	04/04/18	0.3800
Sample #2 Date, Result					05/10/18	0.1800			05/10/18	0.2100
Sample #3 Date, Result					06/12/18	0.1900			06/12/18	0.2300
Minimum		0.0000		0.0000		0.1800		0.0000		0.2100
Maximum		0.0000		0.0000		0.2600		0.0000		0.3800
Average		0.0000		0.0000		0.2100		0.0000		0.2733

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/04/18	0.5800	05/10/18	1.5000	04/04/18	0.0130	05/10/18	0.0000	04/04/18	0.0000
Sample #2 Date, Result	05/10/18	0.2100			05/10/18	0.0190			05/10/18	2.9000
Sample #3 Date, Result	06/12/18	1.0600			06/12/18	0.0530			06/12/18	0.0000
Minimum		0.2100		1.5000		0.0130		0.0000		0.0000
Maximum		1.0600		1.5000		0.0530		0.0000		2.9000
Average		0.6167		1.5000		0.0283		0.0000		0.9667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/04/18	0.2600	05/10/18	110.00	04/04/18	210.00	04/04/18	3,100.00	04/04/18	120.00
Sample #2 Date, Result	05/10/18	0.1200			05/10/18	250.00	05/10/18	1,200.00	05/10/18	54.00
Sample #3 Date, Result	06/12/18	0.1800			06/12/18	180.00	06/12/18	710.00	06/12/18	74.00
Minimum		0.1200		110.00		180.00		710.00		54.00
Maximum		0.2600		110.00		250.00		3,100.00		120.00
Average		0.1867		110.00		213.33		1,670.00		82.67

	Sulfate	
Sample #1 Date, Result	04/04/18	22.000
Sample #2 Date, Result	05/10/18	28.000
Sample #3 Date, Result	06/12/18	25.000
Minimum		22.000
Maximum		28.000
Average		25.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	1	1
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/17/18	7.9	07/17/18	0.0000	08/09/18	0.0004	07/17/18	0.0061	07/17/18	0.0068
Sample #2 Date, Result	08/09/18	8.4	07/18/18	0.0000			07/18/18	0.0061	07/18/18	0.0068
Sample #3 Date, Result	09/27/18	7.1	08/09/18	0.0330			08/09/18	0.0410	08/09/18	0.0000
Minimum		7.1		0.0000		0.0004		0.0061		0.0000
Maximum		8.4		0.0330		0.0004		0.0410		0.0068
Average		7.8		0.0110		0.0004		0.0177		0.0045

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	08/09/18	0.1600	07/17/18	0.0022	08/09/18	0.0000	07/17/18	0.0000	07/17/18	0.1200
Sample #2 Date, Result			07/18/18	0.0022			07/18/18	0.0000	07/18/18	0.1200
Sample #3 Date, Result			08/09/18	0.0610			08/09/18	0.0000	08/09/18	0.0300
Minimum		0.1600		0.0022		0.0000		0.0000		0.0300
Maximum		0.1600		0.0610		0.0000		0.0000		0.1200
Average		0.1600		0.0218		0.0000		0.0000		0.0900

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	08/09/18	0.0000	08/09/18	0.0000	07/17/18	0.1400	08/09/18	0.0000	07/17/18	17.0000
Sample #2 Date, Result					07/18/18	0.1400			07/18/18	17.0000
Sample #3 Date, Result					08/09/18	0.1300			08/09/18	0.1400
Minimum		0.0000		0.0000		0.1300		0.0000		0.1400
Maximum		0.0000		0.0000		0.1400		0.0000		17.0000
Average		0.0000		0.0000		0.1367		0.0000		11.3800

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/17/18	2.4900	08/09/18	0.0000	07/17/18	0.0013	08/09/18	0.0020	07/17/18	5.4000
Sample #2 Date, Result	07/18/18	2.4900			07/18/18	0.0013			07/18/18	5.4000
Sample #3 Date, Result	08/09/18	0.8700			08/09/18	0.0820			08/09/18	0.0000
Minimum		0.8700		0.0000		0.0013		0.0020		0.0000
Maximum		2.4900		0.0000		0.0820		0.0020		5.4000
Average		1.9500		0.0000		0.0282		0.0020		3.6000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	07/17/18	0.1500	08/09/18	49.00	07/17/18	110.00	07/18/18	180.00	07/17/18	46.00
Sample #2 Date, Result	08/09/18	0.0500			07/18/18	110.00	08/09/18	860.00	07/18/18	46.00
Sample #3 Date, Result	09/27/18	0.1100			08/09/18	120.00	09/27/18	1,000.00	08/09/18	25.00
Minimum		0.0500		49.00		110.00		180.00		25.00
Maximum		0.1500		49.00		120.00		1,000.00		46.00
Average		0.1033		49.00		113.33		680.00		39.00

	Sulfate	
Sample #1 Date, Result	07/17/18	32.000
Sample #2 Date, Result	07/18/18	32.000
Sample #3 Date, Result	08/09/18	26.000
Minimum		26.000
Maximum		32.000
Average		30.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/16/18	7.4	10/16/18	0.0140	11/01/18	0.0000	10/16/18	0.0290	10/16/18	0.0000
Sample #2 Date, Result	11/01/18	7.2	11/01/18	0.0110			11/01/18	0.0087	11/01/18	0.0000
Sample #3 Date, Result	12/12/18	6.6	12/13/18	0.0000			12/13/18	0.2700	12/13/18	0.0000
Minimum		6.6		0.0000		0.0000		0.0087		0.0000
Maximum		7.4		0.0140		0.0000		0.2700		0.0000
Average		7.1		0.0083		0.0000		0.1026		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/01/18	0.0190	10/16/18	0.0220	11/01/18	0.0000	10/16/18	0.0000	10/16/18	0.0170
Sample #2 Date, Result			11/01/18	0.0090			11/01/18	0.0000	11/01/18	0.0000
Sample #3 Date, Result			12/13/18	0.7700			12/13/18	0.0130	12/13/18	0.0330
Minimum		0.0190		0.0090		0.0000		0.0000		0.0000
Maximum		0.0190		0.7700		0.0000		0.0130		0.0330
Average		0.0190		0.2670		0.0000		0.0043		0.0167

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/01/18	0.0000	11/01/18	0.0000	10/16/18	0.1900	11/01/18	0.0000	10/16/18	0.1800
Sample #2 Date, Result					11/01/18	0.1400			11/01/18	0.1800
Sample #3 Date, Result					12/13/18	0.1200				
Minimum		0.0000		0.0000		0.1200		0.0000		0.1800
Maximum		0.0000		0.0000		0.1900		0.0000		0.1800
Average		0.0000		0.0000		0.1500		0.0000		0.1800

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/16/18	1.1200	11/01/18	0.5600	10/16/18	0.0088	11/01/18	0.0019	10/16/18	0.0000
Sample #2 Date, Result	11/01/18	0.6600			11/01/18	0.0100			11/01/18	0.0000
Sample #3 Date, Result	12/13/18	0.4500			12/13/18	0.4300			12/12/18	0.0000
Minimum		0.4500		0.5600		0.0088		0.0019		0.0000
Maximum		1.1200		0.5600		0.4300		0.0019		0.0000
Average		0.7433		0.5600		0.1496		0.0019		0.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	10/16/18	0.0000	11/01/18	72.00	10/16/18	220.00	10/16/18	720.00	10/16/18	46.00
Sample #2 Date, Result	11/01/18	0.1700			11/01/18	140.00	11/01/18	760.00	11/01/18	15.20
Sample #3 Date, Result					12/13/18	970.00	12/13/18	12,000.00	12/13/18	258.00
Minimum		0.0000		72.00		140.00		720.00		15.20
Maximum		0.1700		72.00		970.00		12,000.00		258.00
Average		0.0850		72.00		443.33		4,493.33		106.40

	Sulfate	
Sample #1 Date, Result	10/16/18	22.000
Sample #2 Date, Result	11/01/18	17.000
Sample #3 Date, Result	12/13/18	29.000
Minimum		17.000
Maximum		29.000
Average		22.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/17/19	8.0	01/17/19	0.0330	02/12/19	0.0002	01/17/19	0.1000	01/17/19	0.0000
Sample #2 Date, Result	02/12/19	7.4	02/12/19	0.0162			02/12/19	0.0436	02/12/19	0.0014
Sample #3 Date, Result	03/05/19	7.8	03/05/19	0.0209			03/05/19	0.0464	03/05/19	0.0005
Minimum		7.4		0.0162		0.0002		0.0436		0.0000
Maximum		8.0		0.0330		0.0002		0.1000		0.0014
Average		7.7		0.0234		0.0002		0.0633		0.0006

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/12/19	0.0120	01/17/19	0.0570			01/17/19	0.0000	01/17/19	0.0460
Sample #2 Date, Result	03/05/19	0.0218	02/12/19	0.0298					02/12/19	0.0510
Sample #3 Date, Result			03/05/19	0.0402					03/05/19	0.0203
Minimum		0.0120		0.0298				0.0000		0.0203
Maximum		0.0218		0.0570				0.0000		0.0510
Average		0.0169		0.0423				0.0000		0.0391

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/12/19	0.0100			01/17/19	0.1600	02/12/19	0.0001	02/12/19	0.1000
Sample #2 Date, Result	03/05/19	0.0500			02/12/19	0.2000	03/05/19	0.0001	03/05/19	0.1000
Sample #3 Date, Result					03/05/19	0.2000				
Minimum		0.0100				0.1600		0.0001		0.1000
Maximum		0.0500				0.2000		0.0001		0.1000
Average		0.0300				0.1867		0.0001		0.1000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/17/19	1.0700	02/12/19	0.3400	01/17/19	0.0500	02/12/19	0.0004	01/17/19	2.9000
Sample #2 Date, Result	02/12/19	1.3800	03/05/19	0.4900	02/12/19	0.0200	03/05/19	0.0020	02/12/19	5.0000
Sample #3 Date, Result	03/05/19	1.2600			03/05/19	0.0300			03/05/19	5.0000
Minimum		1.0700		0.3400		0.0200		0.0004		2.9000
Maximum		1.3800		0.4900		0.0500		0.0020		5.0000
Average		1.2367		0.4150		0.0333		0.0012		4.3000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			02/12/19	100.00	01/17/19	210.00	01/17/19	1,600.00	01/17/19	78.00
Sample #2 Date, Result					02/12/19	202.00			02/12/19	154.00
Sample #3 Date, Result					03/05/19	188.00			03/05/19	74.00
Minimum				100.00		188.00		1,600.00		74.00
Maximum				100.00		210.00		1,600.00		154.00
Average				100.00		200.00		1,600.00		102.00

	Sulfate	
Sample #1 Date, Result	01/17/19	64.000
Sample #2 Date, Result	02/12/19	33.000
Sample #3 Date, Result		
Minimum		33.000
Maximum		64.000
Average		48.500

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/08/19	7.4	04/08/19	0.0060	06/25/19	0.0002	04/08/19	0.0400	04/08/19	0.0002
Sample #2 Date, Result	05/01/19	7.5	05/01/19	0.0026			05/01/19	0.0008	05/01/19	0.0013
Sample #3 Date, Result	06/25/19	7.2	06/25/19	0.0088			06/25/19	0.0121	06/25/19	0.0003
Minimum		7.2		0.0026		0.0002		0.0008		0.0002
Maximum		7.5		0.0088		0.0002		0.0400		0.0013
Average		7.4		0.0058		0.0002		0.0176		0.0006

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/08/19	0.0193	04/08/19	0.0187					04/08/19	0.0130
Sample #2 Date, Result	05/01/19	0.0039	05/01/19	0.0053					05/01/19	0.0199
Sample #3 Date, Result	06/25/19	0.0117	06/25/19	0.0181					06/25/19	0.0106
Minimum		0.0039		0.0053						0.0106
Maximum		0.0193		0.0187						0.0199
Average		0.0116		0.0140						0.0145

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/08/19	0.0200			04/08/19	0.2000	04/08/19	0.0001	04/08/19	0.1000
Sample #2 Date, Result	05/01/19	0.0500			05/01/19	0.9000	05/01/19	0.0001	05/01/19	1.0600
Sample #3 Date, Result	06/25/19	0.0500			06/25/19	0.2000	06/25/19	0.0001	06/25/19	0.1000
Minimum		0.0200				0.2000		0.0001		0.1000
Maximum		0.0500				0.9000		0.0001		1.0600
Average		0.0400				0.4333		0.0001		0.4200

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/08/19	0.5500	04/08/19	0.3700	04/08/19	0.0100	04/08/19	0.0006	04/08/19	8.0000
Sample #2 Date, Result	06/25/19	0.5700	05/01/19	0.0300	05/01/19	0.0000	05/01/19	0.0020	05/01/19	10.0000
Sample #3 Date, Result			06/25/19	0.0300	06/25/19	0.0100	06/25/19	0.0006	06/25/19	5.0000
Minimum		0.5500		0.0300		0.0000		0.0006		5.0000
Maximum		0.5700		0.3700		0.0100		0.0020		10.0000
Average		0.5600		0.1433		0.0067		0.0010		7.6667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					04/08/19	131.00			04/08/19	21.00
Sample #2 Date, Result					05/01/19	28.60			05/01/19	8.00
Sample #3 Date, Result					06/25/19	163.00			06/25/19	16.00
Minimum						28.60				8.00
Maximum						163.00				21.00
Average						107.53				15.00

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/08/19	7.6	07/08/19	0.0060	08/26/19	0.0002	07/08/19	0.0086	07/08/19	0.0002
Sample #2 Date, Result	08/26/19	6.7	08/26/19	0.0070			08/26/19	0.0159	08/26/19	0.0002
Sample #3 Date, Result	09/05/19	6.7	09/05/19	0.0002			09/05/19	0.0336	09/05/19	0.0002
Minimum		6.7		0.0002		0.0002		0.0086		0.0002
Maximum		7.6		0.0070		0.0002		0.0336		0.0002
Average		7.0		0.0044		0.0002		0.0194		0.0002

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/08/19	0.0153	07/08/19	0.0157					07/08/19	0.0119
Sample #2 Date, Result	08/26/19	0.0475	08/26/19	0.0150					08/26/19	0.0105
Sample #3 Date, Result	09/05/19	0.0304	09/05/19	0.0431					09/05/19	0.0110
Minimum		0.0153		0.0150						0.0105
Maximum		0.0475		0.0431						0.0119
Average		0.0311		0.0246						0.0111

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	07/08/19	0.0500			07/08/19	0.2000	07/08/19	0.0001	07/08/19	0.1000
Sample #2 Date, Result	08/26/19	0.0500			08/26/19	0.2000	08/26/19	0.0001	08/26/19	0.1000
Sample #3 Date, Result	09/05/19	0.0500			09/05/19	0.1000	09/05/19	0.0001	09/05/19	0.1700
Minimum		0.0500				0.1000		0.0001		0.1000
Maximum		0.0500				0.2000		0.0001		0.1700
Average		0.0500				0.1667		0.0001		0.1233

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/08/19	0.6300	07/08/19	0.0300	07/08/19	0.0100	07/08/19	0.0020	07/08/19	5.0000
Sample #2 Date, Result	08/26/19	0.6000	08/26/19	0.0800	08/26/19	0.0300	08/26/19	0.0020	08/26/19	5.0000
Sample #3 Date, Result	09/05/19	0.6000	09/05/19	0.2000	09/05/19	0.0300	09/05/19	0.0030	09/05/19	5.0000
Minimum		0.6000		0.0300		0.0100		0.0020		5.0000
Maximum		0.6300		0.2000		0.0300		0.0030		5.0000
Average		0.6100		0.1033		0.0233		0.0023		5.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					07/08/19	242.00			07/08/19	19.00
Sample #2 Date, Result					08/26/19	180.00			08/26/19	25.00
Sample #3 Date, Result					09/05/19	168.00			09/05/19	37.00
Minimum						168.00				19.00
Maximum						242.00				37.00
Average						196.67				27.00

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Dec 31, 2019

Industry Name: *514 National Processing Corp.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/07/19	10.0	10/07/19	0.0014	11/18/19	0.0002	10/07/19	0.0229	10/07/19	0.0003
Sample #2 Date, Result	11/18/19	9.4	11/18/19	0.0087			11/18/19	0.0233	11/18/19	0.0002
Sample #3 Date, Result	12/05/19	8.1	12/05/19	0.0092			12/05/19	0.0354	12/05/19	0.0003
Minimum		8.1		0.0014		0.0002		0.0229		0.0002
Maximum		10.0		0.0092		0.0002		0.0354		0.0003
Average		9.2		0.0065		0.0002		0.0272		0.0002

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/07/19	0.0316	10/07/19	0.0132					10/07/19	0.0113
Sample #2 Date, Result	11/18/19	0.0106	11/18/19	0.0238					11/18/19	0.0094
Sample #3 Date, Result	12/05/19	0.0110	12/05/19	0.0193					12/05/19	0.0114
Minimum		0.0106		0.0132						0.0094
Maximum		0.0316		0.0238						0.0114
Average		0.0177		0.0188						0.0107

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/07/19	0.0200			10/07/19	0.4000	10/07/19	0.0001	10/07/19	0.5600
Sample #2 Date, Result	11/18/19	0.0500			11/18/19	0.2000	11/18/19	0.0001	11/18/19	0.1000
Sample #3 Date, Result	12/05/19	0.0500			12/05/19	0.2000	12/05/19	0.0001	12/05/19	0.1000
Minimum		0.0200				0.2000		0.0001		0.1000
Maximum		0.0500				0.4000		0.0001		0.5600
Average		0.0400				0.2667		0.0001		0.2533

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/07/19	0.6400	10/07/19	0.0800	10/07/19	0.0200	10/07/19	0.0012	10/07/19	5.0000
Sample #2 Date, Result	11/18/19	0.8500	11/18/19	0.0300	11/18/19	0.0100	11/18/19	0.0000	11/18/19	5.0000
Sample #3 Date, Result	12/05/19	0.9900	12/05/19	0.0700	12/05/19	0.0100	12/05/19	0.0000	12/05/19	8.0000
Minimum		0.6400		0.0300		0.0100		0.0000		5.0000
Maximum		0.9900		0.0800		0.0200		0.0012		8.0000
Average		0.8267		0.0600		0.0133		0.0004		6.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					10/07/19	170.00			10/07/19	48.00
Sample #2 Date, Result					11/18/19	157.00			11/18/19	22.00
Sample #3 Date, Result					12/05/19	220.00			12/05/19	60.00
Minimum						157.00				22.00
Maximum						220.00				60.00
Average						182.33				43.33

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Dec 31, 2019

Industry Name: *514 National Processing Corp.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Annual Summary Data for #521 Lakeshore Railcar

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/12/16	7.1	01/12/16	0.0000	03/09/16	0.0000	01/12/16	0.0018	01/12/16	0.0000
Sample #2 Date, Result	02/02/16	6.9	02/02/16	0.0000			02/02/16	0.0045	02/02/16	0.0000
Sample #3 Date, Result	03/09/16	7.5	03/09/16	0.0000			03/09/16	0.0100	03/09/16	0.0027
Minimum		6.9		0.0000		0.0000		0.0018		0.0000
Maximum		7.5		0.0000		0.0000		0.0100		0.0027
Average		7.2		0.0000		0.0000		0.0054		0.0009

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			03/09/16	0.0023	01/12/16	0.0000	01/12/16	0.0000	01/12/16	0.0110
Sample #2 Date, Result					02/02/16	0.0011	02/02/16	0.0000	02/02/16	0.0470
Sample #3 Date, Result					03/09/16	0.0000	03/09/16	0.0000	03/09/16	0.2100
Minimum				0.0023		0.0000		0.0000		0.0110
Maximum				0.0023		0.0011		0.0000		0.2100
Average				0.0023		0.0004		0.0000		0.0893

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result			03/09/16	0.0000	01/12/16	0.1400	01/12/16	0.00000	01/12/16	0.1300
Sample #2 Date, Result					02/02/16	0.5700	02/02/16	0.00010	02/02/16	0.1900
Sample #3 Date, Result					03/09/16	0.2600	03/09/16	0.00000	03/09/16	4.4000
Minimum				0.0000		0.1400		0.00000		0.1300
Maximum				0.0000		0.5700		0.00010		4.4000
Average				0.0000		0.3233		0.00003		1.5733

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/12/16	0.0200	01/12/16	0.0000	01/12/16	0.0000	01/13/16	0.0000	01/13/16	9.00
Sample #2 Date, Result	02/02/16	0.2600	02/02/16	0.2700	02/02/16	0.0050	03/09/16	0.0316	03/09/16	9.10
Sample #3 Date, Result	03/09/16	0.1000	03/09/16	0.0200	03/09/16	0.0011	03/30/16	0.0000	03/30/16	0.00
Minimum		0.0200		0.0000		0.0000		0.0000		0.00
Maximum		0.2600		0.2700		0.0050		0.0316		9.10
Average		0.1267		0.0967		0.0020		0.0105		6.03

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	03/09/16	0.0000								
Sample #2 Date, Result	03/29/16	0.0000								
Sample #3 Date, Result										
Minimum		0.0000								
Maximum		0.0000								
Average		0.0000								

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	01/12/16	58.00	01/12/16	180.00	01/12/16	9.00	03/09/16	55.00	01/12/16	0.00
Sample #2 Date, Result	02/02/16	54.00	02/02/16	580.00	02/02/16	22.00			02/02/16	350.00
Sample #3 Date, Result	03/09/16	100.00	03/09/16	320.00	03/09/16	11.00			03/09/16	140.00
Minimum		54.00		180.00		9.00		55.00		0.00
Maximum		100.00		580.00		22.00		55.00		350.00
Average		70.67		360.00		14.00		55.00		163.33

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.3230	0.0020	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0054	0
Lead	mg/L	0.1600	0.0009	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.0023	0
Silver	mg/L	0.0351	0.0004	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0893	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010		
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0000	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/12/16	6.9	04/12/16	0.0000	06/08/16	0.0000	04/12/16	0.0110	04/12/16	0.0082
Sample #2 Date, Result	05/03/16	7.3	05/03/16	0.0000			05/03/16	0.0000	05/03/16	0.0000
Sample #3 Date, Result	06/08/16	7.2	06/08/16	0.0000			06/08/16	0.0290	06/08/16	0.0020
Minimum		6.9		0.0000		0.0000		0.0000		0.0000
Maximum		7.3		0.0000		0.0000		0.0290		0.0082
Average		7.1		0.0000		0.0000		0.0133		0.0034

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			06/08/16	0.0170	04/12/16	0.0000	04/12/16	0.0000	04/12/16	0.7500
Sample #2 Date, Result					05/03/16	0.0000	05/03/16	0.0000	05/03/16	0.0340
Sample #3 Date, Result					06/08/16	0.0000	06/08/16	0.0000	06/08/16	0.1300
Minimum				0.0170		0.0000		0.0000		0.0340
Maximum				0.0170		0.0000		0.0000		0.7500
Average				0.0170		0.0000		0.0000		0.3047

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/08/16	0.0000	06/08/16	0.0000	04/12/16	0.8500	04/12/16	0.00000	04/12/16	11.0000
Sample #2 Date, Result					05/03/16	0.1800	05/03/16	0.00000	05/03/16	0.4300
Sample #3 Date, Result					06/08/16	1.6000	06/08/16	0.00010	06/08/16	14.0000
Minimum		0.0000		0.0000		0.1800		0.00000		0.4300
Maximum		0.0000		0.0000		1.6000		0.00010		14.0000
Average		0.0000		0.0000		0.8767		0.00003		8.4767

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/12/16	0.3800	04/12/16	0.0500	04/12/16	0.0084	04/12/16	0.0429	04/12/16	24.00
Sample #2 Date, Result	05/03/16	0.0000	05/03/16	0.0000	05/03/16	0.0000	05/03/16	0.0000	05/03/16	0.00
Sample #3 Date, Result	06/08/16	1.0200	06/08/16	0.2200	06/08/16	0.0068	06/08/16	0.0000	06/08/16	5.10
Minimum		0.0000		0.0000		0.0000		0.0000		0.00
Maximum		1.0200		0.2200		0.0084		0.0429		24.00
Average		0.4667		0.0900		0.0051		0.0143		9.70

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	04/12/16	0.2300	05/25/16	0.0040			05/25/16	8.2800	05/25/16	0.0030
Sample #2 Date, Result	05/03/16	0.7300								
Sample #3 Date, Result	06/08/16	0.2400								
Minimum		0.2300		0.0040				8.2800		0.0030
Maximum		0.7300		0.0040				8.2800		0.0030
Average		0.4000		0.0040				8.2800		0.0030

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	04/12/16	170.00	04/12/16	340.00	04/12/16	46.00	06/08/16	770.00	04/12/16	120.00
Sample #2 Date, Result	05/03/16	38.00	05/03/16	170.00	05/03/16	3.50			05/03/16	17.00
Sample #3 Date, Result	06/08/16	230.00	06/08/16	1,400.00	06/08/16	54.00			06/08/16	1,500.00
Minimum		38.00		170.00		3.50		770.00		17.00
Maximum		230.00		1,400.00		54.00		770.00		1,500.00
Average		146.00		636.67		34.50		770.00		545.67

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result	05/25/16	0.0030	05/25/16	0.0010	05/25/16	0.0020	05/25/16	0.0010	05/25/16	0.0050
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0030		0.0010		0.0020		0.0010		0.0050
Maximum		0.0030		0.0010		0.0020		0.0010		0.0050
Average		0.0030		0.0010		0.0020		0.0010		0.0050

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					05/25/16	0.0390	05/25/16	0.0390	05/25/16	0.0050
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.0390		0.0390		0.0050
Maximum						0.0390		0.0390		0.0050
Average						0.0390		0.0390		0.0050

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	1	1
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060	0.0030	0
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.3230	0.0051	0
Cobalt	mg/L	0.1240	0.0010	0
Copper	mg/L	0.2420	0.0133	0
Lead	mg/L	0.1600	0.0034	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.0170	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200	0.0040	0
Titanium	mg/L	0.0618	0.0020	0
Vanadium	mg/L	0.0662	0.0010	0
Zinc	mg/L	0.6410	0.3047	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0000	0
Carbazole	mg/L	0.2760	0.0050	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370	0.0390	0
Fluoranthene	mg/L	0.0268	0.0000	0
n-Occtadecane	mg/L	0.3020	0.0390	0
2,4,6-Trichlorophenol	mg/L	0.1060	0.0050	0
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Sep 30, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/12/16	7.4	07/12/16	0.0000	09/01/16	0.0000	07/12/16	0.1200	07/12/16	0.0260
Sample #2 Date, Result	08/31/16	7.6	08/31/16	0.0000			08/31/16	0.0044	08/31/16	0.0025
Sample #3 Date, Result	09/01/16	7.8	09/01/16	0.0000			09/01/16	0.0084	09/01/16	0.0036
Minimum		7.4		0.0000		0.0000		0.0044		0.0025
Maximum		7.8		0.0000		0.0000		0.1200		0.0260
Average		7.6		0.0000		0.0000		0.0443		0.0107

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			09/01/16	0.0028	07/12/16	0.0000	07/12/16	0.0000	07/12/16	0.8000
Sample #2 Date, Result					08/31/16	0.0000	08/31/16	0.0000	08/31/16	0.0370
Sample #3 Date, Result					09/01/16	0.0000	09/01/16	0.0000	09/01/16	0.0880
Minimum				0.0028		0.0000		0.0000		0.0370
Maximum				0.0028		0.0000		0.0000		0.8000
Average				0.0028		0.0000		0.0000		0.3083

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/01/16	0.0000	09/01/16	0.0010	07/12/16	3.3000	07/12/16	0.00000	07/12/16	2.8000
Sample #2 Date, Result			09/13/16	0.0000	08/31/16	0.1700	08/31/16	0.00010	08/31/16	0.2400
Sample #3 Date, Result					09/01/16	0.3200	09/01/16	0.00000	09/01/16	2.3000
Minimum		0.0000		0.0000		0.1700		0.00000		0.2400
Maximum		0.0000		0.0010		3.3000		0.00010		2.8000
Average		0.0000		0.0005		1.2633		0.00003		1.7800

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/12/16	2.4400	07/12/16	0.1200	07/12/16	0.0150	07/12/16	0.0000	07/12/16	70.00
Sample #2 Date, Result	08/31/16	0.2200	08/31/16	0.0500	08/31/16	0.0000	09/01/16	0.0009	08/31/16	15.70
Sample #3 Date, Result	09/01/16	0.4000	09/01/16	0.0100	09/01/16	0.0021			09/01/16	18.00
Minimum		0.2200		0.0100		0.0000		0.0000		15.70
Maximum		2.4400		0.1200		0.0150		0.0009		70.00
Average		1.0200		0.0600		0.0057		0.0004		34.57

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	07/12/16	0.3400								
Sample #2 Date, Result	08/31/16	0.3200								
Sample #3 Date, Result	09/01/16	0.4000								
Minimum		0.3200								
Maximum		0.4000								
Average		0.3533								

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	07/12/16	710.00	07/12/16	1,700.00	07/12/16	250.00	09/01/16	50.00	07/12/16	1,400.00
Sample #2 Date, Result	08/31/16	44.00	08/31/16	240.00	08/31/16	10.00			08/31/16	81.00
Sample #3 Date, Result	09/01/16	66.00	09/01/16	260.00	09/01/16	29.00			09/01/16	130.00
Minimum		44.00		240.00		10.00		50.00		81.00
Maximum		710.00		1,700.00		250.00		50.00		1,400.00
Average		273.33		733.33		96.33		50.00		537.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jul 01, 2016 to Sep 30, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Sep 30, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	1	1
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.3230	0.0057	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0443	0
Lead	mg/L	0.1600	0.0107	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.0028	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.3083	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0000	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0005	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/26/16	7.2	10/26/16	0.0000	10/26/16	0.0000	10/26/16	0.0097	10/26/16	0.0023
Sample #2 Date, Result	11/02/16	7.8	11/02/16	0.0000			11/02/16	0.0150	11/02/16	0.0031
Sample #3 Date, Result	12/01/16	7.1	12/01/16	0.0000			12/01/16	0.0089	12/01/16	0.0000
Minimum		7.1		0.0000		0.0000		0.0089		0.0000
Maximum		7.8		0.0000		0.0000		0.0150		0.0031
Average		7.4		0.0000		0.0000		0.0112		0.0018

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			10/26/16	0.0260	10/26/16	0.0000	10/26/16	0.0000	10/26/16	0.1100
Sample #2 Date, Result					11/02/16	0.0000	11/02/16	0.0000	11/02/16	0.1000
Sample #3 Date, Result					12/01/16	0.0000	12/01/16	0.0000	12/01/16	0.0860
Minimum				0.0260		0.0000		0.0000		0.0860
Maximum				0.0260		0.0000		0.0000		0.1100
Average				0.0260		0.0000		0.0000		0.0987

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/26/16	0.0110	10/26/16	0.0000	10/26/16	0.3300	10/26/16	0.00000	10/26/16	0.9100
Sample #2 Date, Result					11/02/16	0.4300	12/01/16	0.00000	11/02/16	29.0000
Sample #3 Date, Result					12/01/16	0.1600			12/01/16	0.4300
Minimum		0.0110		0.0000		0.1600		0.00000		0.4300
Maximum		0.0110		0.0000		0.4300		0.00000		29.0000
Average		0.0110		0.0000		0.3067		0.00000		10.1133

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/26/16	0.5300	10/26/16	0.1700	10/26/16	0.0016	10/26/16	0.0117	10/26/16	4.10
Sample #2 Date, Result	11/02/16	0.5900	11/02/16	0.7500	11/02/16	0.0032	11/02/16	0.0004	11/02/16	2.90
Sample #3 Date, Result	12/01/16	0.2300	12/01/16	1.4000	12/01/16	0.0130			12/01/16	5.50
Minimum		0.2300		0.1700		0.0016		0.0004		2.90
Maximum		0.5900		1.4000		0.0130		0.0117		5.50
Average		0.4500		0.7733		0.0059		0.0060		4.17

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	10/26/16	0.2700								
Sample #2 Date, Result	11/02/16	0.3900								
Sample #3 Date, Result										
Minimum		0.2700								
Maximum		0.3900								
Average		0.3300								

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	10/26/16	840.00	10/26/16	2,600.00	10/26/16	21.00	10/26/16	200.00	10/26/16	510.00
Sample #2 Date, Result	11/02/16	4,000.00	11/02/16	9,300.00	11/02/16	32.00			11/02/16	1,100.00
Sample #3 Date, Result	12/01/16	710.00	12/01/16	3,100.00	12/01/16	30.00			12/01/16	44.00
Minimum		710.00		2,600.00		21.00		200.00		44.00
Maximum		4,000.00		9,300.00		32.00		200.00		1,100.00
Average		1,850.00		5,000.00		27.67		200.00		551.33

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	1	1
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.3230	0.0059	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0112	0
Lead	mg/L	0.1600	0.0018	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.0260	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0987	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0110	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0000	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/04/17	7.3	01/04/17	0.0000	02/02/17	0.0000	01/04/17	0.0077	01/04/17	0.0000
Sample #2 Date, Result	01/18/17	6.5	01/18/17	0.0000			01/18/17	0.0200	01/18/17	0.0000
Sample #3 Date, Result	02/02/17	6.0	02/02/17	0.0000			02/02/17	0.0110	02/02/17	0.0000
Minimum		6.0		0.0000		0.0000		0.0077		0.0000
Maximum		7.3		0.0000		0.0000		0.0200		0.0000
Average		6.6		0.0000		0.0000		0.0129		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			02/02/17	0.0084	01/04/17	0.0000	01/04/17	0.0000	01/04/17	0.0320
Sample #2 Date, Result					01/18/17	0.0000	01/18/17	0.0000	01/18/17	0.1100
Sample #3 Date, Result					02/02/17	0.0000	02/02/17	0.0000	02/02/17	0.0520
Minimum				0.0084		0.0000		0.0000		0.0320
Maximum				0.0084		0.0000		0.0000		0.1100
Average				0.0084		0.0000		0.0000		0.0647

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/02/17	0.0000	02/02/17	0.0000	01/04/17	0.0600	01/04/17	0.00000	01/04/17	1.9000
Sample #2 Date, Result					01/18/17	0.1200	01/18/17	0.00000	01/18/17	180.0000
Sample #3 Date, Result					02/02/17	0.0700	02/02/17	0.00000	02/02/17	150.0000
Minimum		0.0000		0.0000		0.0600		0.00000		1.9000
Maximum		0.0000		0.0000		0.1200		0.00000		180.0000
Average		0.0000		0.0000		0.0833		0.00000		110.6333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/04/17	0.0700	01/04/17	0.2700	01/04/17	0.0000	01/04/17	0.0055	01/04/17	4.20
Sample #2 Date, Result	01/18/17	0.4400	01/18/17	0.5500	01/18/17	0.0077	01/18/17	0.0004	01/18/17	11.40
Sample #3 Date, Result	02/02/17	0.2300	02/02/17	0.2600	02/02/17	0.0058	02/02/17	0.0067	02/02/17	13.90
Minimum		0.0700		0.2600		0.0000		0.0004		4.20
Maximum		0.4400		0.5500		0.0077		0.0067		13.90
Average		0.2467		0.3600		0.0045		0.0042		9.83

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	01/04/17	0.0300								
Sample #2 Date, Result	01/18/17	0.0500								
Sample #3 Date, Result	02/02/17	0.2500								
Minimum		0.0300								
Maximum		0.2500								
Average		0.1100								

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	01/04/17	120.00	01/04/17	1,100.00	01/04/17	13.00	02/02/17	92.00	01/04/17	510.00
Sample #2 Date, Result	01/18/17	1,800.00	01/18/17	2,700.00	01/18/17	38.00			01/18/17	370.00
Sample #3 Date, Result	02/02/17	1,300.00	02/02/17	2,100.00	02/02/17	20.00			02/02/17	830.00
Minimum		120.00		1,100.00		13.00		92.00		370.00
Maximum		1,800.00		2,700.00		38.00		92.00		830.00
Average		1,073.33		1,966.67		23.67		92.00		570.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	2	1
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.3230	0.0045	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0129	0
Lead	mg/L	0.1600	0.0000	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.0084	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0647	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0000	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0000	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/05/17	8.3	04/05/17	0.0110			04/05/17	0.0100	04/05/17	0.0000
Sample #2 Date, Result	04/26/17	8.3	04/26/17	0.0000			04/26/17	0.0210	04/26/17	0.0000
Sample #3 Date, Result	05/23/17	7.1	05/23/17	0.0047			05/23/17	0.0280	05/23/17	0.0000
Minimum		7.1		0.0000				0.0100		0.0000
Maximum		8.3		0.0110				0.0280		0.0000
Average		7.9		0.0052				0.0197		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result					04/05/17	0.0000	04/05/17	0.0000	04/05/17	0.0092
Sample #2 Date, Result					04/26/17	0.0000	04/26/17	0.0000	04/26/17	0.0200
Sample #3 Date, Result					05/23/17	0.0000	05/23/17	0.0000	05/23/17	0.0077
Minimum						0.0000		0.0000		0.0077
Maximum						0.0000		0.0000		0.0200
Average						0.0000		0.0000		0.0123

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					04/05/17	0.5000	04/05/17	0.00000	04/05/17	1.0000
Sample #2 Date, Result					04/26/17	0.2400	04/26/17	0.00010	04/26/17	0.3200
Sample #3 Date, Result					05/23/17	0.0500	05/23/17	0.00000	05/23/17	5.7000
Minimum						0.0500		0.00000		0.3200
Maximum						0.5000		0.00010		5.7000
Average						0.2633		0.00003		2.3400

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/05/17	0.4000	04/05/17	1.4000	04/05/17	0.0030	04/05/17	0.0425	04/05/17	2.00
Sample #2 Date, Result	04/26/17	2.8800	04/26/17	1.0000	04/26/17	0.0012	04/26/17	0.0981	04/26/17	11.30
Sample #3 Date, Result	05/23/17	0.1500	05/23/17	0.2500	05/23/17	0.0006	05/23/17	0.0282	05/23/17	0.00
Minimum		0.1500		0.2500		0.0006		0.0282		0.00
Maximum		2.8800		1.4000		0.0030		0.0981		11.30
Average		1.1433		0.8833		0.0016		0.0563		4.43

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	04/05/17	0.0100					06/21/17	4.8000	06/21/17	0.0120
Sample #2 Date, Result	04/26/17	2.2000								
Sample #3 Date, Result	05/23/17	0.1600								
Minimum		0.0100						4.8000		0.0120
Maximum		2.2000						4.8000		0.0120
Average		0.7900						4.8000		0.0120

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	04/05/17	660.00	04/05/17	1,900.00	04/05/17	11.00			04/05/17	980.00
Sample #2 Date, Result	04/26/17	170.00	04/26/17	2,000.00	04/26/17	13.00			04/26/17	530.00
Sample #3 Date, Result	05/23/17	410.00	05/23/17	1,300.00	05/23/17	13.00			05/23/17	550.00
Minimum		170.00		1,300.00		11.00				530.00
Maximum		660.00		2,000.00		13.00				980.00
Average		413.33		1,733.33		12.33				686.67

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	2	2
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	3	3
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	1	1
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0052	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.3230	0.0016	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0197	0
Lead	mg/L	0.1600	0.0000	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500		
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0123	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010		
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268		
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/12/17	7.1	07/12/17	0.0000	09/19/17	0.0000	07/12/17	0.0340	07/12/17	0.0000
Sample #2 Date, Result	07/25/17	7.1	07/25/17	0.0000			07/25/17	0.0110	07/25/17	0.0000
Sample #3 Date, Result	08/17/17	7.9	08/31/17	0.0000			08/17/17	0.0300	08/31/17	0.0000
Minimum		7.1		0.0000		0.0000		0.0110		0.0000
Maximum		7.9		0.0000		0.0000		0.0340		0.0000
Average		7.4		0.0000		0.0000		0.0250		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			09/19/17	0.0150	07/12/17	0.0000	07/12/17	0.0000	07/12/17	0.4100
Sample #2 Date, Result					07/25/17	0.0000	07/25/17	0.0000	07/25/17	0.0320
Sample #3 Date, Result					08/31/17	0.0000	08/31/17	0.0000	08/31/17	0.0034
Minimum				0.0150		0.0000		0.0000		0.0034
Maximum				0.0150		0.0000		0.0000		0.4100
Average				0.0150		0.0000		0.0000		0.1485

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	08/17/17	0.0000	08/17/17	0.0000	07/12/17	0.7600	07/12/17	0.00010	07/12/17	2.6000
Sample #2 Date, Result	09/19/17	0.0000	09/19/17	0.0000	07/25/17	0.2200	07/25/17	0.00010	07/25/17	0.7800
Sample #3 Date, Result					08/17/17	10.0000	08/17/17	0.00000	08/17/17	11.0000
Minimum		0.0000		0.0000		0.2200		0.00000		0.7800
Maximum		0.0000		0.0000		10.0000		0.00010		11.0000
Average		0.0000		0.0000		3.6600		0.00007		4.7933

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/12/17	2.3900	07/12/17	0.7800	07/12/17	0.0230	07/12/17	0.0034	07/12/17	3.20
Sample #2 Date, Result	07/25/17	0.1600	07/25/17	0.1200	07/25/17	0.0015	07/25/17	0.0008	07/25/17	5.90
Sample #3 Date, Result	08/17/17	0.0900	08/17/17	0.1900	08/31/17	0.0020	08/17/17	0.0026	08/31/17	10.90
Minimum		0.0900		0.1200		0.0015		0.0008		3.20
Maximum		2.3900		0.7800		0.0230		0.0034		10.90
Average		0.8800		0.3633		0.0088		0.0023		6.67

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	07/12/17	0.2400					08/17/17	0.0000		
Sample #2 Date, Result	07/25/17	0.0600								
Sample #3 Date, Result	08/31/17	0.1000								
Minimum		0.0600						0.0000		
Maximum		0.2400						0.0000		
Average		0.1333						0.0000		

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	07/12/17	2,100.00	07/12/17	2,000.00	07/12/17	120.00	09/19/17	1,800.00	07/12/17	470.00
Sample #2 Date, Result	07/25/17	460.00	07/25/17	2,700.00	07/25/17	13.00			07/25/17	380.00
Sample #3 Date, Result	08/31/17	250.00	08/31/17	2,100.00	08/31/17	28.00			08/31/17	3,100.00
Minimum		250.00		2,000.00		13.00		1,800.00		380.00
Maximum		2,100.00		2,700.00		120.00		1,800.00		3,100.00
Average		936.67		2,266.67		53.67		1,800.00		1,316.67

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.3230	0.0088	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0250	0
Lead	mg/L	0.1600	0.0000	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0150	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1485	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0000	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0000	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/03/17	7.2	10/17/17	0.0000	10/17/17	0.0000	10/17/17	0.0110	10/17/17	0.0000
Sample #2 Date, Result	10/17/17	8.8	11/02/17	0.0000	12/27/17	0.0000	11/02/17	0.0540	11/02/17	0.0000
Sample #3 Date, Result	11/02/17	8.1	11/29/17	0.0000			11/29/17	0.0560	11/29/17	0.0000
Minimum		7.2		0.0000		0.0000		0.0110		0.0000
Maximum		8.8		0.0000		0.0000		0.0560		0.0000
Average		8.0		0.0000		0.0000		0.0403		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			10/17/17	0.0120	10/17/17	0.0000	10/17/17	0.0000	10/17/17	0.0000
Sample #2 Date, Result			12/27/17	0.0160	11/02/17	0.0000	11/02/17	0.0000	11/02/17	0.0047
Sample #3 Date, Result					11/29/17	0.0000	11/29/17	0.0000	11/29/17	0.0180
Minimum				0.0120		0.0000		0.0000		0.0000
Maximum				0.0160		0.0000		0.0000		0.0180
Average				0.0140		0.0000		0.0000		0.0076

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/17/17	0.0000	10/17/17	0.0000	10/17/17	0.2500	10/17/17	0.00000	10/17/17	5.6000
Sample #2 Date, Result					11/02/17	0.2600	11/02/17	0.00000	11/02/17	5.9000
Sample #3 Date, Result					11/29/17	0.2300	11/29/17	0.00000	11/29/17	2.6000
Minimum		0.0000		0.0000		0.2300		0.00000		2.6000
Maximum		0.0000		0.0000		0.2600		0.00000		5.9000
Average		0.0000		0.0000		0.2467		0.00000		4.7000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/17/17	0.1200	10/17/17	0.0700	10/17/17	0.0005	10/03/17	0.0000	10/17/17	4.50
Sample #2 Date, Result	11/02/17	0.4100	11/02/17	0.1300	11/02/17	0.0009	10/17/17	0.0019	11/02/17	6.20
Sample #3 Date, Result	11/29/17	0.0700	11/29/17	0.3900	11/29/17	0.0041	11/02/17	0.0040	11/29/17	20.40
Minimum		0.0700		0.0700		0.0005		0.0000		4.50
Maximum		0.4100		0.3900		0.0041		0.0040		20.40
Average		0.2000		0.1967		0.0018		0.0020		10.37

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	10/03/17	0.6000								
Sample #2 Date, Result	10/17/17	0.4100								
Sample #3 Date, Result	11/02/17	0.1200								
Minimum		0.1200								
Maximum		0.6000								
Average		0.3767								

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	10/17/17	80.00	10/17/17	2,900.00	10/17/17	7.90	10/17/17	1,300.00	10/17/17	2,000.00
Sample #2 Date, Result	11/02/17	270.00	11/02/17	3,100.00	11/02/17	27.00			11/02/17	2,000.00
Sample #3 Date, Result	11/29/17	580.00	11/29/17	4,700.00	11/29/17	83.00			11/29/17	3,900.00
Minimum		80.00		2,900.00		7.90		1,300.00		2,000.00
Maximum		580.00		4,700.00		83.00		1,300.00		3,900.00
Average		310.00		3,566.67		39.30		1,300.00		2,633.33

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 31, 2017

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	2	1
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.3230	0.0018	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0403	0
Lead	mg/L	0.1600	0.0000	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.0140	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0076	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0000	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0000	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/11/18	7.8	01/11/18	0.0000	01/18/18	0.0002	01/11/18	0.0100	01/11/18	0.0000
Sample #2 Date, Result	01/24/18	8.4	01/18/18	0.0007	03/08/18	0.0001	01/18/18	0.1100	01/18/18	0.0010
Sample #3 Date, Result	02/15/18	9.2	01/24/18	0.0000			01/24/18	0.0450	01/24/18	0.0000
Minimum		7.8		0.0000		0.0001		0.0100		0.0000
Maximum		9.2		0.0007		0.0002		0.1100		0.0010
Average		8.5		0.0002		0.0001		0.0550		0.0003

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	01/18/18	0.0083	01/18/18	0.0140	01/11/18	0.0000	01/11/18	0.0000	01/11/18	0.0000
Sample #2 Date, Result			03/08/18	0.0150	01/18/18	0.0001	01/18/18	0.0007	01/18/18	0.0110
Sample #3 Date, Result					01/24/18	0.0000	01/24/18	0.0000	01/24/18	0.0049
Minimum		0.0083		0.0140		0.0000		0.0000		0.0000
Maximum		0.0083		0.0150		0.0001		0.0007		0.0110
Average		0.0083		0.0145		0.0000		0.0002		0.0053

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	01/18/18	0.0190	01/18/18	0.0020	01/11/18	0.1000	01/11/18	0.00000	01/11/18	1.9000
Sample #2 Date, Result	03/08/18	0.0000	03/08/18	0.0000	01/18/18	0.1200	01/18/18	0.00010	01/18/18	0.5000
Sample #3 Date, Result					01/24/18	0.1400	01/24/18	0.00000	01/24/18	0.9000
Minimum		0.0000		0.0000		0.1000		0.00000		0.5000
Maximum		0.0190		0.0020		0.1400		0.00010		1.9000
Average		0.0095		0.0010		0.1200		0.00003		1.1000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/11/18	0.1900	01/11/18	0.0500	01/11/18	0.0040	01/11/18	0.0066	01/11/18	4.20
Sample #2 Date, Result	01/18/18	0.3200	01/18/18	0.0300	01/18/18	0.0025	01/18/18	0.0180	01/18/18	3.25
Sample #3 Date, Result	01/24/18	0.2200	01/24/18	0.0300	01/24/18	0.0046	01/24/18	0.0054	01/24/18	21.80
Minimum		0.1900		0.0300		0.0025		0.0054		3.25
Maximum		0.3200		0.0500		0.0046		0.0180		21.80
Average		0.2433		0.0367		0.0037		0.0100		9.75

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	01/11/18	0.2700								
Sample #2 Date, Result	01/18/18	0.0200								
Sample #3 Date, Result	02/15/18	0.0400								
Minimum		0.0200								
Maximum		0.2700								
Average		0.1100								

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	01/11/18	28.00	01/11/18	1,600.00	01/11/18	10.00	03/08/18	150.00	01/11/18	2,600.00
Sample #2 Date, Result	01/24/18	45.00	01/24/18	1,200.00	01/18/18	13.00			01/18/18	3,000.00
Sample #3 Date, Result	02/15/18	2,300.00	02/15/18	6,300.00	01/24/18	23.00			01/24/18	4,100.00
Minimum		28.00		1,200.00		10.00		150.00		2,600.00
Maximum		2,300.00		6,300.00		23.00		150.00		4,100.00
Average		791.00		3,033.33		15.33		150.00		3,233.33

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0002	0
Cadmium	mg/L	0.0962	0.0001	0
Chromium	mg/L	0.3230	0.0037	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0550	0
Lead	mg/L	0.1600	0.0003	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.0145	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0053	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0095	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0010	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/11/18	6.6	04/11/18	0.0130	04/18/18	0.0002	04/11/18	0.0110	04/11/18	0.0000
Sample #2 Date, Result	05/02/18	9.2	04/18/18	0.0055	05/02/18	0.0000	04/18/18	0.0210	04/18/18	0.0023
Sample #3 Date, Result	06/19/18	9.5	05/02/18	0.0075	05/22/18	0.0002	05/02/18	0.0100	05/02/18	0.0000
Minimum		6.6		0.0055		0.0000		0.0100		0.0000
Maximum		9.5		0.0130		0.0002		0.0210		0.0023
Average		8.4		0.0087		0.0001		0.0140		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/18/18	0.0064	04/18/18	0.0073	04/11/18	0.0000	04/11/18	0.0000	04/11/18	0.0000
Sample #2 Date, Result	05/22/18	0.0097	05/02/18	0.0540	04/18/18	0.0001	04/18/18	0.0007	04/18/18	0.0120
Sample #3 Date, Result	06/25/18	0.0019	05/22/18	0.0670	05/02/18	0.0000	05/02/18	0.0000	05/02/18	0.0250
Minimum		0.0019		0.0073		0.0000		0.0000		0.0000
Maximum		0.0097		0.0670		0.0001		0.0007		0.0250
Average		0.0060		0.0428		0.0000		0.0002		0.0123

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/18/18	0.0190	04/18/18	0.0020	04/11/18	0.4100	04/11/18	0.00000	04/11/18	0.4900
Sample #2 Date, Result	05/02/18	0.0000	05/02/18	0.0000	04/18/18	0.2800	04/18/18	0.00010	04/18/18	0.6200
Sample #3 Date, Result	05/22/18	0.0170	05/22/18	0.0020	05/02/18	0.2400	05/02/18	0.00000	05/02/18	0.6000
Minimum		0.0000		0.0000		0.2400		0.00000		0.4900
Maximum		0.0190		0.0020		0.4100		0.00010		0.6200
Average		0.0120		0.0013		0.3100		0.00003		0.5700

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/11/18	0.3400	04/11/18	0.1400	04/11/18	0.0041	04/11/18	0.0000	04/11/18	4.60
Sample #2 Date, Result	04/18/18	0.3900	04/18/18	0.0700	04/18/18	0.0023	04/18/18	0.0010	04/18/18	3.90
Sample #3 Date, Result	05/02/18	0.1900	05/02/18	0.0600	05/02/18	0.0014	05/02/18	0.0000	05/02/18	2.10
Minimum		0.1900		0.0600		0.0014		0.0000		2.10
Maximum		0.3900		0.1400		0.0041		0.0010		4.60
Average		0.3067		0.0900		0.0026		0.0003		3.53

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	04/18/18	0.1400								
Sample #2 Date, Result	05/02/18	0.0000								
Sample #3 Date, Result	05/22/18	1.0100								
Minimum		0.0000								
Maximum		1.0100								
Average		0.3833								

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	04/11/18	85.00	04/11/18	1,200.00	04/11/18	17.00	05/02/18	1,400.00	04/11/18	1,200.00
Sample #2 Date, Result	05/02/18	230.00	05/02/18	2,000.00	04/18/18	16.00			04/18/18	2,100.00
Sample #3 Date, Result	06/19/18	46.00	06/19/18	1,500.00	05/02/18	27.00			05/02/18	2,500.00
Minimum		46.00		1,200.00		16.00		1,400.00		1,200.00
Maximum		230.00		2,000.00		27.00		1,400.00		2,500.00
Average		120.33		1,566.67		20.00		1,400.00		1,933.33

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	1	1
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0087	0
Cadmium	mg/L	0.0962	0.0001	0
Chromium	mg/L	0.3230	0.0026	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0140	0
Lead	mg/L	0.1600	0.0008	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.0428	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0123	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0120	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0013	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
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Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/18/18	5.1	07/18/18	0.0000	08/15/18	0.0002	07/18/18	0.0480	07/18/18	0.0000
Sample #2 Date, Result	07/31/18	8.6	07/31/18	0.0000	09/12/18	0.0000	07/31/18	0.0060	07/31/18	0.0000
Sample #3 Date, Result	08/08/18	7.4	08/08/18	0.0000			08/08/18	0.0120	08/08/18	0.0059
Minimum		5.1		0.0000		0.0000		0.0060		0.0000
Maximum		8.6		0.0000		0.0002		0.0480		0.0059
Average		7.0		0.0000		0.0001		0.0220		0.0020

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	08/15/18	0.0560	08/15/18	0.0440	07/18/18	0.0000	07/18/18	0.0000	07/18/18	0.0950
Sample #2 Date, Result			09/12/18	0.0360	07/31/18	0.0000	07/31/18	0.0000	07/31/18	0.0000
Sample #3 Date, Result					08/08/18	0.0000	08/08/18	0.0000	08/08/18	0.0200
Minimum		0.0560		0.0360		0.0000		0.0000		0.0000
Maximum		0.0560		0.0440		0.0000		0.0000		0.0950
Average		0.0560		0.0400		0.0000		0.0000		0.0383

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	08/15/18	0.0180	08/22/18	0.0000	07/18/18	0.3500	07/18/18	0.00010	07/18/18	3.5000
Sample #2 Date, Result	09/12/18	0.0000	09/12/18	0.0000	07/31/18	0.4700	07/31/18	0.00000	07/31/18	0.2600
Sample #3 Date, Result					08/08/18	0.3100	08/08/18	0.00000	08/08/18	0.5000
Minimum		0.0000		0.0000		0.3100		0.00000		0.2600
Maximum		0.0180		0.0000		0.4700		0.00010		3.5000
Average		0.0090		0.0000		0.3767		0.00003		1.4200

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/18/18	0.8400	07/18/18	0.2800	07/18/18	0.0013	09/26/18	0.0000	07/18/18	0.00
Sample #2 Date, Result	07/31/18	0.7300	07/31/18	0.2200	07/31/18	0.0025			07/31/18	4.50
Sample #3 Date, Result	08/08/18	0.5000	08/08/18	0.1500	08/08/18	0.0029			08/08/18	6.10
Minimum		0.5000		0.1500		0.0013		0.0000		0.00
Maximum		0.8400		0.2800		0.0029		0.0000		6.10
Average		0.6900		0.2167		0.0022		0.0000		3.53

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	07/18/18	2.2000								
Sample #2 Date, Result	07/31/18	0.0000								
Sample #3 Date, Result	08/08/18	0.1200								
Minimum		0.0000								
Maximum		2.2000								
Average		0.7733								

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	07/18/18	690.00	07/18/18	1,500.00	07/18/18	60.00	09/12/18	370.00	07/18/18	690.00
Sample #2 Date, Result	07/31/18	150.00	07/31/18	910.00	07/31/18	22.00			07/31/18	690.00
Sample #3 Date, Result	08/08/18	130.00	08/08/18	1,200.00	08/08/18	34.00			08/08/18	780.00
Minimum		130.00		910.00		22.00		370.00		690.00
Maximum		690.00		1,500.00		60.00		370.00		780.00
Average		323.33		1,203.33		38.67		370.00		720.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	1	1
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962	0.0001	0
Chromium	mg/L	0.3230	0.0022	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0220	0
Lead	mg/L	0.1600	0.0020	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.0400	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0383	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0090	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0000	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
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- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/17/18	7.5	10/17/18	0.0000	11/15/18	0.0005	10/17/18	0.0680	10/17/18	0.0000
Sample #2 Date, Result	10/30/18	7.3	10/30/18	0.0000			10/30/18	0.0540	10/30/18	0.0000
Sample #3 Date, Result	11/15/18	8.7	11/15/18	0.0000			11/15/18	0.1300	11/15/18	0.0000
Minimum		7.3		0.0000		0.0005		0.0540		0.0000
Maximum		8.7		0.0000		0.0005		0.1300		0.0000
Average		7.8		0.0000		0.0005		0.0840		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			11/15/18	0.1200	10/17/18	0.0000	10/17/18	0.0000	10/17/18	0.0300
Sample #2 Date, Result					10/30/18	0.0000	10/30/18	0.0000	10/30/18	0.0550
Sample #3 Date, Result					11/15/18	0.0000	11/15/18	0.0000	11/15/18	0.3400
Minimum				0.1200		0.0000		0.0000		0.0300
Maximum				0.1200		0.0000		0.0000		0.3400
Average				0.1200		0.0000		0.0000		0.1417

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/15/18	0.0000	11/15/18	0.0000	10/17/18	0.1700	10/17/18	0.00000	10/17/18	56.0000
Sample #2 Date, Result					10/30/18	0.1200	10/30/18	0.00010	10/30/18	4.9000
Sample #3 Date, Result					11/15/18	0.2600	11/15/18	0.00000	11/15/18	0.3000
Minimum		0.0000		0.0000		0.1200		0.00000		0.3000
Maximum		0.0000		0.0000		0.2600		0.00010		56.0000
Average		0.0000		0.0000		0.1833		0.00003		20.4000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/17/18	0.3000	10/17/18	0.2400	10/17/18	0.0033	10/17/18	0.0025	10/17/18	4.90
Sample #2 Date, Result	10/30/18	0.1200	10/30/18	0.2600	10/30/18	0.0110	10/30/18	0.0000	10/30/18	15.20
Sample #3 Date, Result	11/15/18	0.4800	11/15/18	0.0500	11/15/18	0.0100	11/15/18	0.0000	11/15/18	0.00
Minimum		0.1200		0.0500		0.0033		0.0000		0.00
Maximum		0.4800		0.2600		0.0110		0.0025		15.20
Average		0.3000		0.1833		0.0081		0.0008		6.70

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	10/17/18	0.1200								
Sample #2 Date, Result	10/30/18	0.1100								
Sample #3 Date, Result	11/15/18	0.1400								
Minimum		0.1100								
Maximum		0.1400								
Average		0.1233								

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	10/17/18	60.00	10/17/18	2,800.00	10/17/18	26.00	11/15/18	110.00	10/17/18	2,800.00
Sample #2 Date, Result	10/30/18	75.00	10/30/18	1,700.00	10/30/18	16.00			10/30/18	1,500.00
Sample #3 Date, Result	11/15/18	1,900.00	11/15/18	630.00	11/15/18	28.00			11/15/18	1,300.00
Minimum		60.00		630.00		16.00		110.00		1,300.00
Maximum		1,900.00		2,800.00		28.00		110.00		2,800.00
Average		678.33		1,710.00		23.33		110.00		1,866.67

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962	0.0005	0
Chromium	mg/L	0.3230	0.0081	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0840	0
Lead	mg/L	0.1600	0.0000	0
Mercury	mg/L	0.000739	0.0000	0
Nickel	mg/L	1.4500	0.1200	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1417	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0000	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0000	0
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Jan 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/09/19	6.4	01/09/19	0.0000	01/11/19	0.0002	01/09/19	0.0120	01/09/19	0.0000
Sample #2 Date, Result			01/11/19	0.0069			01/11/19	0.0130	01/11/19	0.0004
Sample #3 Date, Result										
Minimum		6.4		0.0000		0.0002		0.0120		0.0000
Maximum		6.4		0.0069		0.0002		0.0130		0.0004
Average		6.4		0.0035		0.0002		0.0125		0.0002

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result					01/09/19	0.0000	01/09/19	0.0000	01/09/19	0.0550
Sample #2 Date, Result					01/11/19	0.0001			01/11/19	0.0490
Sample #3 Date, Result										
Minimum						0.0000		0.0000		0.0490
Maximum						0.0001		0.0000		0.0550
Average						0.0000		0.0000		0.0520

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					01/09/19	0.1300	01/09/19	0.00000	01/09/19	0.4700
Sample #2 Date, Result					01/11/19	0.1300				
Sample #3 Date, Result										
Minimum						0.1300		0.00000		0.4700
Maximum						0.1300		0.00000		0.4700
Average						0.1300		0.00000		0.4700

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/09/19	0.6600	01/09/19	0.1300	01/09/19	0.0000	01/09/19	0.0033	01/09/19	41.00
Sample #2 Date, Result	01/11/19	0.1700			01/11/19	0.0000	01/11/19	0.0004	01/11/19	41.90
Sample #3 Date, Result										
Minimum		0.1700		0.1300		0.0000		0.0004		41.00
Maximum		0.6600		0.1300		0.0000		0.0033		41.90
Average		0.4150		0.1300		0.0000		0.0019		41.45

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	01/09/19	140.00	01/09/19	750.00	01/09/19	35.00			01/09/19	1,600.00
Sample #2 Date, Result					01/11/19	24.00			01/11/19	2,200.00
Sample #3 Date, Result										
Minimum		140.00		750.00		24.00				1,600.00
Maximum		140.00		750.00		35.00				2,200.00
Average		140.00		750.00		29.50				1,900.00

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2019 to Feb 28, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	02/06/19	9.2	02/05/19	0.0100	02/05/19	0.0002	02/05/19	0.0110	02/05/19	0.0002
Sample #2 Date, Result	02/26/19	8.8	02/06/19	0.0067	02/06/19	0.0002	02/06/19	0.0359	02/06/19	0.0011
Sample #3 Date, Result			02/26/19	0.0006	02/26/19	0.0002	02/26/19	0.0099	02/26/19	0.0002
Minimum		8.8		0.0006		0.0002		0.0099		0.0002
Maximum		9.2		0.0100		0.0002		0.0359		0.0011
Average		9.0		0.0058		0.0002		0.0189		0.0005

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			02/05/19	0.2300	02/05/19	0.0001	02/05/19	0.0007	02/05/19	0.0110
Sample #2 Date, Result			02/06/19	0.0189					02/06/19	0.1120
Sample #3 Date, Result			02/26/19	0.0101					02/26/19	0.0510
Minimum				0.0101		0.0001		0.0007		0.0110
Maximum				0.2300		0.0001		0.0007		0.1120
Average				0.0863		0.0001		0.0007		0.0580

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/06/19	0.1000	02/05/19	0.0020	02/05/19	0.1000	02/05/19	0.00010	02/06/19	21.9000
Sample #2 Date, Result	02/26/19	0.0500	02/06/19	0.0500	02/06/19	0.1000			02/26/19	10.1000
Sample #3 Date, Result			02/26/19	0.0500	02/26/19	0.1000				
Minimum		0.0500		0.0020		0.1000		0.00010		10.1000
Maximum		0.1000		0.0500		0.1000		0.00010		21.9000
Average		0.0750		0.0340		0.1000		0.00010		16.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	02/05/19	0.0500	02/06/19	0.0500	02/05/19	0.0000	02/05/19	0.0004	02/05/19	19.10
Sample #2 Date, Result	02/06/19	0.2400	02/26/19	0.0500	02/06/19	0.0000	02/06/19	0.0026	02/06/19	12.50
Sample #3 Date, Result	02/26/19	0.0900			02/26/19	0.0000	02/26/19	0.0210	02/26/19	5.00
Minimum		0.0500		0.0500		0.0000		0.0004		5.00
Maximum		0.2400		0.0500		0.0000		0.0210		19.10
Average		0.1267		0.0500		0.0000		0.0080		12.20

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	02/06/19	220.00			02/06/19	7.00	02/06/19	1,000.00	02/06/19	3,040.00
Sample #2 Date, Result	02/26/19	80.00			02/26/19	4.00	02/26/19	88.00	02/26/19	623.00
Sample #3 Date, Result										
Minimum		80.00				4.00		88.00		623.00
Maximum		220.00				7.00		1,000.00		3,040.00
Average		150.00				5.50		544.00		1,831.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Feb 01, 2019 to Feb 28, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2019 to Feb 28, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L	NL	1	1
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	1	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0058	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.3230	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0189	0
Lead	mg/L	0.1600	0.0005	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0863	0
Silver	mg/L	0.0351	0.0001	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0580	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0750	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0340	1
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2019 to Mar 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	03/14/19	7.4	03/14/19	0.0012	03/14/19	0.0002	03/14/19	0.0164	03/14/19	0.0002
Sample #2 Date, Result	03/27/19	7.4	03/27/19	0.0004	03/27/19	0.0003	03/27/19	0.1290	03/27/19	0.0011
Sample #3 Date, Result										
Minimum		7.4		0.0004		0.0002		0.0164		0.0002
Maximum		7.4		0.0012		0.0003		0.1290		0.0011
Average		7.4		0.0008		0.0002		0.0727		0.0007

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			03/14/19	0.0220					03/14/19	0.2020
Sample #2 Date, Result			03/27/19	0.0654					03/27/19	1.0000
Sample #3 Date, Result										
Minimum				0.0220						0.2020
Maximum				0.0654						1.0000
Average				0.0437						0.6010

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	03/14/19	0.1000	03/14/19	0.0500	03/14/19	0.2000	03/14/19	0.00010	03/14/19	8.3100
Sample #2 Date, Result	03/27/19	0.1000	03/27/19	0.0500	03/27/19	0.2000			03/27/19	9.0700
Sample #3 Date, Result										
Minimum		0.1000		0.0500		0.2000		0.00010		8.3100
Maximum		0.1000		0.0500		0.2000		0.00010		9.0700
Average		0.1000		0.0500		0.2000		0.00010		8.6900

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	03/14/19	0.3600	03/14/19	0.2500	03/14/19	0.0100	03/14/19	0.0033	03/14/19	22.80
Sample #2 Date, Result	03/27/19	0.4000	03/27/19	0.2100	03/27/19	0.0100	03/27/19	0.0008	03/27/19	6.70
Sample #3 Date, Result										
Minimum		0.3600		0.2100		0.0100		0.0008		6.70
Maximum		0.4000		0.2500		0.0100		0.0033		22.80
Average		0.3800		0.2300		0.0100		0.0021		14.75

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	03/14/19	310.00			03/14/19	26.00	03/14/19	2,020.00	03/14/19	4,080.00
Sample #2 Date, Result					03/27/19	12.00			03/27/19	1,340.00
Sample #3 Date, Result										
Minimum		310.00				12.00		2,020.00		1,340.00
Maximum		310.00				26.00		2,020.00		4,080.00
Average		310.00				19.00		2,020.00		2,710.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Mar 01, 2019 to Mar 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2019 to Mar 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0008	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.3230	0.0100	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0727	0
Lead	mg/L	0.1600	0.0007	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0437	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.6010	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.1000	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0500	1
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Apr 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/09/19	7.8	04/09/19	0.0010	04/09/19	0.0002	04/09/19	0.0195	04/09/19	0.0004
Sample #2 Date, Result	04/30/19	7.6	04/30/19	0.0002	04/30/19	0.0002	04/30/19	0.0408	04/30/19	0.0002
Sample #3 Date, Result										
Minimum		7.6		0.0002		0.0002		0.0195		0.0002
Maximum		7.8		0.0010		0.0002		0.0408		0.0004
Average		7.7		0.0006		0.0002		0.0302		0.0003

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result			04/09/19	0.0919					04/09/19	3.0600
Sample #2 Date, Result			04/30/19	0.0240					04/30/19	0.1270
Sample #3 Date, Result										
Minimum				0.0240						0.1270
Maximum				0.0919						3.0600
Average				0.0580						1.5935

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/09/19	0.0500	04/09/19	0.0500	04/09/19	1.6000	04/30/19	0.00010	04/09/19	4.0600
Sample #2 Date, Result	04/30/19	0.1000	04/30/19	0.0500	04/30/19	0.3000			04/30/19	1.1100
Sample #3 Date, Result										
Minimum		0.0500		0.0500		0.3000		0.00010		1.1100
Maximum		0.1000		0.0500		1.6000		0.00010		4.0600
Average		0.0750		0.0500		0.9500		0.00010		2.5850

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/09/19	0.0500	04/09/19	0.0700	04/09/19	0.0000	04/09/19	0.0042	04/09/19	9.00
Sample #2 Date, Result	04/30/19	0.2600	04/30/19	0.0400	04/30/19	0.0000	04/30/19	0.0020	04/30/19	28.50
Sample #3 Date, Result										
Minimum		0.0500		0.0400		0.0000		0.0020		9.00
Maximum		0.2600		0.0700		0.0000		0.0042		28.50
Average		0.1550		0.0550		0.0000		0.0031		18.75

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	04/30/19	61.00			04/09/19	5.00	04/30/19	28.00	04/09/19	830.00
Sample #2 Date, Result					04/30/19	4.00			04/30/19	312.00
Sample #3 Date, Result										
Minimum		61.00				4.00		28.00		312.00
Maximum		61.00				5.00		28.00		830.00
Average		61.00				4.50		28.00		571.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Apr 01, 2019 to Apr 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Apr 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.87	1	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0006	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.3230	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0302	0
Lead	mg/L	0.1600	0.0003	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0580	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	1.5935	1
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0750	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0500	1
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2019 to May 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	05/14/19	8.5	05/14/19	0.0002	05/29/19	0.0002	05/14/19	0.0609	05/14/19	0.0003
Sample #2 Date, Result	05/29/19	9.0	05/29/19	0.0002			05/29/19	0.0911	05/29/19	0.0005
Sample #3 Date, Result										
Minimum		8.5		0.0002		0.0002		0.0609		0.0003
Maximum		9.0		0.0002		0.0002		0.0911		0.0005
Average		8.8		0.0002		0.0002		0.0760		0.0004

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/14/19	0.0000	05/14/19	0.0437					05/14/19	0.1610
Sample #2 Date, Result			05/29/19	0.0817					05/29/19	0.5240
Sample #3 Date, Result										
Minimum		0.0000		0.0437						0.1610
Maximum		0.0000		0.0817						0.5240
Average		0.0000		0.0627						0.3425

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/14/19	0.1000	05/14/19	0.0500	05/14/19	0.3000	05/14/19	0.00010	05/14/19	1.9800
Sample #2 Date, Result	05/29/19	0.0500	05/29/19	0.0500	05/29/19	0.1000	05/29/19	0.00010	05/29/19	148.0000
Sample #3 Date, Result										
Minimum		0.0500		0.0500		0.1000		0.00010		1.9800
Maximum		0.1000		0.0500		0.3000		0.00010		148.0000
Average		0.0750		0.0500		0.2000		0.00010		74.9900

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	05/29/19	0.1000	05/14/19	0.0300	05/14/19	0.0000	05/14/19	0.0020	05/14/19	9.20
Sample #2 Date, Result			05/29/19	0.1700	05/29/19	0.0000	05/29/19	0.0020		
Sample #3 Date, Result										
Minimum		0.1000		0.0300		0.0000		0.0020		9.20
Maximum		0.1000		0.1700		0.0000		0.0020		9.20
Average		0.1000		0.1000		0.0000		0.0020		9.20

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	05/29/19	47.00			05/14/19	4.00	05/29/19	142.00	05/14/19	410.00
Sample #2 Date, Result					05/29/19	7.00			05/29/19	418.00
Sample #3 Date, Result										
Minimum		47.00				4.00		142.00		410.00
Maximum		47.00				7.00		142.00		418.00
Average		47.00				5.50		142.00		414.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

May 01, 2019 to May 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2019 to May 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	1	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0002	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.3230	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0760	0
Lead	mg/L	0.1600	0.0004	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0627	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.3425	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0750	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268	0.0500	1
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2019 to Jun 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	06/10/19	8.6	06/10/19	0.0031	06/10/19	0.0003	06/10/19	0.0228	06/10/19	0.0011
Sample #2 Date, Result	06/27/19	7.8	06/27/19	0.0028	06/27/19	0.0002	06/27/19	0.0550	06/27/19	0.0008
Sample #3 Date, Result										
Minimum		7.8		0.0028		0.0002		0.0228		0.0008
Maximum		8.6		0.0031		0.0003		0.0550		0.0011
Average		8.2		0.0029		0.0002		0.0389		0.0009

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/10/19	0.0145	06/10/19	0.0659					06/10/19	0.7490
Sample #2 Date, Result	06/27/19	0.0276	06/27/19	0.0682					06/27/19	0.4950
Sample #3 Date, Result										
Minimum		0.0145		0.0659						0.4950
Maximum		0.0276		0.0682						0.7490
Average		0.0211		0.0671						0.6220

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/10/19	0.0500	06/10/19	0.0500	06/10/19	0.2000	06/10/19	0.00010	06/10/19	130.0000
Sample #2 Date, Result	06/27/19	0.1000	06/27/19	0.0500	06/27/19	0.1000			06/27/19	482.0000
Sample #3 Date, Result										
Minimum		0.0500		0.0500		0.1000		0.00010		130.0000
Maximum		0.1000		0.0500		0.2000		0.00010		482.0000
Average		0.0750		0.0500		0.1500		0.00010		306.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	06/10/19	0.2000	06/27/19	0.0500	06/10/19	0.0000	06/10/19	0.0022	06/10/19	5.00
Sample #2 Date, Result	06/27/19	0.1100			06/27/19	0.0000	06/27/19	0.0052	06/27/19	43.30
Sample #3 Date, Result										
Minimum		0.1100		0.0500		0.0000		0.0022		5.00
Maximum		0.2000		0.0500		0.0000		0.0052		43.30
Average		0.1550		0.0500		0.0000		0.0037		24.15

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result			06/10/19	0.0050			06/10/19	5.0000	06/10/19	0.0500
Sample #2 Date, Result			06/27/19	0.0050			06/27/19	15.0000	06/27/19	0.1000
Sample #3 Date, Result										
Minimum				0.0050				5.0000		0.0500
Maximum				0.0050				15.0000		0.1000
Average				0.0050				10.0000		0.0750

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result					06/10/19	15.00			06/10/19	283.00
Sample #2 Date, Result					06/27/19	10.00			06/27/19	672.00
Sample #3 Date, Result										
Minimum						10.00				283.00
Maximum						15.00				672.00
Average						12.50				477.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jun 01, 2019 to Jun 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result	06/10/19	0.0090	06/10/19	0.0050	06/10/19	0.0100	06/10/19	0.0500	06/10/19	0.0500
Sample #2 Date, Result	06/27/19	0.0010	06/27/19	0.0080	06/27/19	0.0100	06/27/19	0.0500	06/27/19	0.1000
Sample #3 Date, Result										
Minimum		0.0010		0.0050		0.0100		0.0500		0.0500
Maximum		0.0090		0.0080		0.0100		0.0500		0.1000
Average		0.0050		0.0065		0.0100		0.0500		0.0750

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result	06/10/19	0.1000	06/10/19	0.1000	06/10/19	0.0500	06/10/19	0.0500	06/10/19	0.0500
Sample #2 Date, Result	06/27/19	0.2000	06/27/19	0.2000	06/27/19	0.1000	06/27/19	0.1600	06/27/19	0.1000
Sample #3 Date, Result										
Minimum		0.1000		0.1000		0.0500		0.0500		0.0500
Maximum		0.2000		0.2000		0.1000		0.1600		0.1000
Average		0.1500		0.1500		0.0750		0.1050		0.0750

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2019 to Jun 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	1	1
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	1	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060	0.0050	0
Arsenic	mg/L	0.1040	0.0029	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.3230	0.0000	0
Cobalt	mg/L	0.1240	0.0065	0
Copper	mg/L	0.2420	0.0389	0
Lead	mg/L	0.1600	0.0009	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0671	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618	0.0100	0
Vanadium	mg/L	0.0662	0.0500	0
Zinc	mg/L	0.6410	0.6220	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0750	0
Carbazole	mg/L	0.2760	0.0750	0
o-Cresol	mg/L	0.5610	0.1500	0
p-Cresol	mg/L	0.2050	0.1500	0
n-Decane	mg/L	0.4370	0.0750	0
Fluoranthene	mg/L	0.0268	0.0500	1
n-Occtadecane	mg/L	0.3020	0.1050	0
2,4,6-Trichlorophenol	mg/L	0.1060	0.0750	0
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Jul 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/09/19	7.6	07/09/19	0.0019	07/09/19	0.0002	07/09/19	0.0302	07/09/19	0.0002
Sample #2 Date, Result	07/30/19	9.1	07/30/19	0.0002	07/30/19	0.0002	07/30/19	0.0131	07/30/19	0.0003
Sample #3 Date, Result										
Minimum		7.6		0.0002		0.0002		0.0131		0.0002
Maximum		9.1		0.0019		0.0002		0.0302		0.0003
Average		8.4		0.0010		0.0002		0.0217		0.0002

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/09/19	0.0224	07/09/19	0.0712					07/09/19	0.1750
Sample #2 Date, Result	07/30/19	0.0078	07/30/19	0.0328					07/30/19	0.0715
Sample #3 Date, Result										
Minimum		0.0078		0.0328						0.0715
Maximum		0.0224		0.0712						0.1750
Average		0.0151		0.0520						0.1233

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	07/09/19	0.1000	07/09/19	0.0500	07/09/19	0.2000	07/09/19	0.00010	07/09/19	299.0000
Sample #2 Date, Result	07/30/19	0.1000	07/30/19	0.0500	07/30/19	0.2000	07/30/19	0.00020	07/30/19	58.7000
Sample #3 Date, Result										
Minimum		0.1000		0.0500		0.2000		0.00010		58.7000
Maximum		0.1000		0.0500		0.2000		0.00020		299.0000
Average		0.1000		0.0500		0.2000		0.00015		178.8500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/09/19	0.1000	07/09/19	0.0300	07/09/19	0.0000	07/09/19	0.0050	07/09/19	14.90
Sample #2 Date, Result	07/30/19	0.1000	07/30/19	0.0300	07/30/19	0.0000	07/30/19	0.0010	07/30/19	6.00
Sample #3 Date, Result										
Minimum		0.1000		0.0300		0.0000		0.0010		6.00
Maximum		0.1000		0.0300		0.0000		0.0050		14.90
Average		0.1000		0.0300		0.0000		0.0030		10.45

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result			07/09/19	0.0050			07/09/19	5.0000	07/09/19	0.1000
Sample #2 Date, Result			07/30/19	0.0050			07/30/19	5.0000	07/30/19	0.1000
Sample #3 Date, Result										
Minimum				0.0050				5.0000		0.1000
Maximum				0.0050				5.0000		0.1000
Average				0.0050				5.0000		0.1000

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	07/09/19	580.00			07/09/19	11.00	07/09/19	299.00	07/09/19	751.00
Sample #2 Date, Result					07/30/19	5.00			07/30/19	548.00
Sample #3 Date, Result										
Minimum		580.00				5.00		299.00		548.00
Maximum		580.00				11.00		299.00		751.00
Average		580.00				8.00		299.00		649.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jul 01, 2019 to Jul 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result	07/09/19	0.0010	07/09/19	0.0070	07/09/19	0.0100	07/09/19	0.0500	07/09/19	0.1000
Sample #2 Date, Result	07/30/19	0.0010	07/30/19	0.0030	07/30/19	0.0100	07/30/19	0.0500	07/30/19	0.1000
Sample #3 Date, Result										
Minimum		0.0010		0.0030		0.0100		0.0500		0.1000
Maximum		0.0010		0.0070		0.0100		0.0500		0.1000
Average		0.0010		0.0050		0.0100		0.0500		0.1000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result	07/09/19	0.2000	07/09/19	0.2000	07/09/19	0.1000	07/09/19	0.1000	07/09/19	0.1000
Sample #2 Date, Result	07/30/19	0.2000	07/30/19	0.2000	07/30/19	0.1000	07/30/19	0.1000	07/30/19	0.1000
Sample #3 Date, Result										
Minimum		0.2000		0.2000		0.1000		0.1000		0.1000
Maximum		0.2000		0.2000		0.1000		0.1000		0.1000
Average		0.2000		0.2000		0.1000		0.1000		0.1000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Jul 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	1	1
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060	0.0010	0
Arsenic	mg/L	0.1040	0.0010	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.3230	0.0000	0
Cobalt	mg/L	0.1240	0.0050	0
Copper	mg/L	0.2420	0.0217	0
Lead	mg/L	0.1600	0.0002	0
Mercury	mg/L	0.000739	0.0002	0
Nickel	mg/L	1.4500	0.0520	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618	0.0100	0
Vanadium	mg/L	0.0662	0.0500	0
Zinc	mg/L	0.6410	0.1233	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.1000	0
Carbazole	mg/L	0.2760	0.1000	0
o-Cresol	mg/L	0.5610	0.2000	0
p-Cresol	mg/L	0.2050	0.2000	0
n-Decane	mg/L	0.4370	0.1000	0
Fluoranthene	mg/L	0.0268	0.0500	1
n-Occtadecane	mg/L	0.3020	0.1000	0
2,4,6-Trichlorophenol	mg/L	0.1060	0.1000	0
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2019 to Aug 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	08/13/19	7.8	08/13/19	0.0004	08/13/19	0.0002	08/13/19	0.0042	08/13/19	0.0002
Sample #2 Date, Result	08/28/19	8.0	08/28/19	0.0042	08/28/19	0.0002	08/28/19	0.0120	08/28/19	0.0004
Sample #3 Date, Result										
Minimum		7.8		0.0004		0.0002		0.0042		0.0002
Maximum		8.0		0.0042		0.0002		0.0120		0.0004
Average		7.9		0.0023		0.0002		0.0081		0.0003

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	08/13/19	0.0264	08/13/19	0.0337					08/13/19	0.0101
Sample #2 Date, Result	08/28/19	0.0084	08/28/19	0.0126					08/28/19	0.5320
Sample #3 Date, Result										
Minimum		0.0084		0.0126						0.0101
Maximum		0.0264		0.0337						0.5320
Average		0.0174		0.0232						0.2711

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	08/13/19	0.1000	08/13/19	0.0500	08/13/19	0.1000	08/13/19	0.00010	08/13/19	47.8000
Sample #2 Date, Result	08/28/19	0.1000	08/28/19	0.0500	08/28/19	0.3000	08/28/19	0.00010	08/28/19	5.5900
Sample #3 Date, Result										
Minimum		0.1000		0.0500		0.1000		0.00010		5.5900
Maximum		0.1000		0.0500		0.3000		0.00010		47.8000
Average		0.1000		0.0500		0.2000		0.00010		26.6950

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	08/13/19	0.1000	08/13/19	0.0700	08/13/19	0.0000	08/13/19	0.0037	08/13/19	5.00
Sample #2 Date, Result	08/28/19	0.2700	08/28/19	0.0500	08/28/19	0.0000	08/28/19	0.0020	08/28/19	6.50
Sample #3 Date, Result										
Minimum		0.1000		0.0500		0.0000		0.0020		5.00
Maximum		0.2700		0.0700		0.0000		0.0037		6.50
Average		0.1850		0.0600		0.0000		0.0029		5.75

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result			08/13/19	0.0050			08/13/19	5.0000	08/13/19	0.1000
Sample #2 Date, Result			08/28/19	0.0050			08/28/19	5.5000	08/28/19	0.1000
Sample #3 Date, Result										
Minimum				0.0050				5.0000		0.1000
Maximum				0.0050				5.5000		0.1000
Average				0.0050				5.2500		0.1000

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result					08/13/19	7.00			08/13/19	579.00
Sample #2 Date, Result					08/28/19	14.00			08/28/19	264.00
Sample #3 Date, Result										
Minimum						7.00				264.00
Maximum						14.00				579.00
Average						10.50				421.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Aug 01, 2019 to Aug 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result	08/13/19	0.0010	08/13/19	0.0020	08/13/19	0.0100	08/13/19	0.0500	08/13/19	0.1000
Sample #2 Date, Result	08/28/19	0.0010	08/28/19	0.0010	08/28/19	0.0100	08/28/19	0.0500	08/28/19	0.1000
Sample #3 Date, Result										
Minimum		0.0010		0.0010		0.0100		0.0500		0.1000
Maximum		0.0010		0.0020		0.0100		0.0500		0.1000
Average		0.0010		0.0015		0.0100		0.0500		0.1000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result	08/13/19	0.2000	08/13/19	0.2000	08/13/19	0.1000	08/13/19	0.1000	08/13/19	0.1000
Sample #2 Date, Result	08/28/19	0.2000	08/28/19	0.2000	08/28/19	0.1000	08/28/19	0.1000	08/28/19	0.1000
Sample #3 Date, Result										
Minimum		0.2000		0.2000		0.1000		0.1000		0.1000
Maximum		0.2000		0.2000		0.1000		0.1000		0.1000
Average		0.2000		0.2000		0.1000		0.1000		0.1000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2019 to Aug 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060	0.0010	0
Arsenic	mg/L	0.1040	0.0023	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.3230	0.0000	0
Cobalt	mg/L	0.1240	0.0015	0
Copper	mg/L	0.2420	0.0081	0
Lead	mg/L	0.1600	0.0003	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0232	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618	0.0100	0
Vanadium	mg/L	0.0662	0.0500	0
Zinc	mg/L	0.6410	0.2711	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.1000	0
Carbazole	mg/L	0.2760	0.1000	0
o-Cresol	mg/L	0.5610	0.2000	0
p-Cresol	mg/L	0.2050	0.2000	0
n-Decane	mg/L	0.4370	0.1000	0
Fluoranthene	mg/L	0.0268	0.0500	1
n-Occtadecane	mg/L	0.3020	0.1000	0
2,4,6-Trichlorophenol	mg/L	0.1060	0.1000	0
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2019 to Sep 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	09/18/19	7.4	09/18/19	0.0043			09/18/19	0.0158	09/18/19	0.0117
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		7.4		0.0043				0.0158		0.0117
Maximum		7.4		0.0043				0.0158		0.0117
Average		7.4		0.0043				0.0158		0.0117

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/18/19	0.0365	09/18/19	0.0583					09/18/19	0.5480
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0365		0.0583						0.5480
Maximum		0.0365		0.0583						0.5480
Average		0.0365		0.0583						0.5480

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					09/18/19	1.1000	09/18/19	0.00010	09/18/19	0.1100
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						1.1000		0.00010		0.1100
Maximum						1.1000		0.00010		0.1100
Average						1.1000		0.00010		0.1100

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	09/18/19	0.4200	09/18/19	4.4900	09/18/19	0.0100	09/18/19	0.0150	09/18/19	5.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.4200		4.4900		0.0100		0.0150		5.00
Maximum		0.4200		4.4900		0.0100		0.0150		5.00
Average		0.4200		4.4900		0.0100		0.0150		5.00

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result							09/18/19	5.0000		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum								5.0000		
Maximum								5.0000		
Average								5.0000		

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result					09/18/19	22.00			09/18/19	1,090.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						22.00				1,090.00
Maximum						22.00				1,090.00
Average						22.00				1,090.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Sep 01, 2019 to Sep 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2019 to Sep 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	1	1
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0043	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.3230	0.0100	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0158	0
Lead	mg/L	0.1600	0.0117	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0583	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.5480	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1010		
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268		
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Oct 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/23/19	6.7	10/23/19	0.0002			10/23/19	0.0138	10/23/19	0.0006
Sample #2 Date, Result	10/30/19	6.9	10/30/19	0.0002			10/30/19	0.0040	10/30/19	0.0002
Sample #3 Date, Result										
Minimum		6.7		0.0002				0.0040		0.0002
Maximum		6.9		0.0002				0.0138		0.0006
Average		6.8		0.0002				0.0089		0.0004

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/23/19	0.0035	10/23/19	0.1680					10/23/19	71.3000
Sample #2 Date, Result	10/30/19	0.0107	10/30/19	0.0478					10/30/19	0.7830
Sample #3 Date, Result										
Minimum		0.0035		0.0478						0.7830
Maximum		0.0107		0.1680						71.3000
Average		0.0071		0.1079						36.0415

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/23/19	0.0500			10/23/19	0.7000	10/23/19	0.00010	10/23/19	12.6000
Sample #2 Date, Result	10/30/19	0.0200			10/30/19	0.5000	10/30/19	0.00010	10/30/19	6.7600
Sample #3 Date, Result										
Minimum		0.0200				0.5000		0.00010		6.7600
Maximum		0.0500				0.7000		0.00010		12.6000
Average		0.0350				0.6000		0.00010		9.6800

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/23/19	0.4400	10/23/19	0.3000	10/23/19	0.0100	10/23/19	0.0074	10/23/19	5.00
Sample #2 Date, Result	10/30/19	0.2900	10/30/19	0.1800	10/30/19	0.0000	10/30/19	0.0044	10/30/19	8.20
Sample #3 Date, Result										
Minimum		0.2900		0.1800		0.0000		0.0044		5.00
Maximum		0.4400		0.3000		0.0100		0.0074		8.20
Average		0.3650		0.2400		0.0050		0.0059		6.60

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result					10/23/19	41.00			10/23/19	8,190.00
Sample #2 Date, Result					10/30/19	30.00			10/30/19	4,220.00
Sample #3 Date, Result										
Minimum						30.00				4,220.00
Maximum						41.00				8,190.00
Average						35.50				6,205.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Oct 01, 2019 to Oct 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result					10/23/19	0.0100	10/23/19	0.0500		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.0100		0.0500		
Maximum						0.0100		0.0500		
Average						0.0100		0.0500		

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Oct 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	1	1
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0002	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.3230	0.0050	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0089	0
Lead	mg/L	0.1600	0.0004	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.1079	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618	0.0100	0
Vanadium	mg/L	0.0662	0.0500	0
Zinc	mg/L	0.6410	36.0415	1
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0350	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268		
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2019 to Nov 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	11/19/19	8.5	11/19/19	0.0048	11/19/19	0.0002	11/19/19	0.0280	11/19/19	0.0005
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		8.5		0.0048		0.0002		0.0280		0.0005
Maximum		8.5		0.0048		0.0002		0.0280		0.0005
Average		8.5		0.0048		0.0002		0.0280		0.0005

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/19/19	0.0213	11/19/19	0.0706					11/19/19	1.1000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0213		0.0706						1.1000
Maximum		0.0213		0.0706						1.1000
Average		0.0213		0.0706						1.1000

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/19/19	0.0200			11/19/19	0.5000	11/19/19	0.00010	11/19/19	0.1000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0200				0.5000		0.00010		0.1000
Maximum		0.0200				0.5000		0.00010		0.1000
Average		0.0200				0.5000		0.00010		0.1000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	11/19/19	0.3400	11/19/19	0.2000	11/19/19	0.0100	11/19/19	0.0038	11/19/19	36.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.3400		0.2000		0.0100		0.0038		36.00
Maximum		0.3400		0.2000		0.0100		0.0038		36.00
Average		0.3400		0.2000		0.0100		0.0038		36.00

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result					11/19/19	39.00			11/19/19	2,390.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						39.00				2,390.00
Maximum						39.00				2,390.00
Average						39.00				2,390.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Nov 01, 2019 to Nov 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2019 to Nov 30, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0048	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.3230	0.0100	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.0280	0
Lead	mg/L	0.1600	0.0005	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0706	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	1.1000	1
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0200	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268		
n-Occtadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2019 to Dec 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	12/12/19	7.4	12/12/19	0.0052	12/12/19	0.1040	12/12/19	0.6150	12/12/19	0.1340
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		7.4		0.0052		0.1040		0.6150		0.1340
Maximum		7.4		0.0052		0.1040		0.6150		0.1340
Average		7.4		0.0052		0.1040		0.6150		0.1340

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	12/12/19	0.0158	12/12/19	0.0432			12/12/19	0.0005	12/12/19	1.4800
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0158		0.0432				0.0005		1.4800
Maximum		0.0158		0.0432				0.0005		1.4800
Average		0.0158		0.0432				0.0005		1.4800

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	12/12/19	0.0200	12/12/19	0.0400	12/12/19	0.2000	12/12/19	0.00010	12/12/19	1.5300
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0200		0.0400		0.2000		0.00010		1.5300
Maximum		0.0200		0.0400		0.2000		0.00010		1.5300
Average		0.0200		0.0400		0.2000		0.00010		1.5300

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	12/12/19	0.2200	12/12/19	0.9500	12/12/19	0.0100	12/12/19	0.0200	12/12/19	16.80
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.2200		0.9500		0.0100		0.0200		16.80
Maximum		0.2200		0.9500		0.0100		0.0200		16.80
Average		0.2200		0.9500		0.0100		0.0200		16.80

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result			12/12/19	0.0070			12/12/19	5.4000	12/12/19	0.0310
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum				0.0070				5.4000		0.0310
Maximum				0.0070				5.4000		0.0310
Average				0.0070				5.4000		0.0310

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result					12/12/19	32.00			12/12/19	1,140.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						32.00				1,140.00
Maximum						32.00				1,140.00
Average						32.00				1,140.00

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2019 to Dec 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result	12/12/19	0.0170	12/12/19	0.0030			12/12/19	0.0030	12/12/19	0.0300
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0170		0.0030				0.0030		0.0300
Maximum		0.0170		0.0030				0.0030		0.0300
Average		0.0170		0.0030				0.0030		0.0300

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					12/12/19	0.0500	12/12/19	0.0620		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.0500		0.0620		
Maximum						0.0500		0.0620		
Average						0.0500		0.0620		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2019 to Dec 31, 2019

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	1	1
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	1	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060	0.0170	0
Arsenic	mg/L	0.1040	0.0052	0
Cadmium	mg/L	0.0962	0.1040	1
Chromium	mg/L	0.3230	0.0100	0
Cobalt	mg/L	0.1240	0.0030	0
Copper	mg/L	0.2420	0.6150	1
Lead	mg/L	0.1600	0.1340	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0432	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0070	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662	0.0030	0
Zinc	mg/L	0.6410	1.4800	1
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0200	0
Carbazole	mg/L	0.2760	0.0300	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370	0.0500	0
Fluoranthene	mg/L	0.0268	0.0400	1
n-Occtadecane	mg/L	0.3020	0.0620	0
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Annual Summary Data for #901 SafetyKleen Systems

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Jan 31, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/11/16	7.8	01/11/16	0.0098			01/11/16	0.0053	01/11/16	0.00000
Sample #2 Date, Result	01/20/16	6.7	01/20/16	0.0130			01/20/16	0.0033	01/20/16	0.00000
Sample #3 Date, Result										
Minimum		6.7		0.0098				0.0033		0.0000
Maximum		7.8		0.0130				0.0053		0.0000
Average		7.3		0.0114				0.0043		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	01/11/16	0.02500	01/11/16	0.00480			01/11/16	0.00000	01/11/16	0.0430
Sample #2 Date, Result	01/20/16	0.02900	01/20/16	0.00400			01/20/16	0.00000	01/20/16	0.0390
Sample #3 Date, Result										
Minimum		0.0250		0.0040				0.0000		0.0390
Maximum		0.0290		0.0048				0.0000		0.0430
Average		0.0270		0.0044				0.0000		0.0410

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					01/11/16	1.10	01/11/16	0.00010	01/11/16	6.60
Sample #2 Date, Result					01/20/16	1.60	01/20/16	0.00000	01/20/16	11.00
Sample #3 Date, Result										
Minimum						1.1000		0.0000		6.6000
Maximum						1.6000		0.0001		11.0000
Average						1.3500		0.0001		8.8000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/11/16	0.1900	01/11/16	0.0200	01/11/16	0.0000	01/11/16	0.3290	01/11/16	5.2000
Sample #2 Date, Result	01/20/16	0.1500	01/20/16	0.0500	01/20/16	0.0000	01/20/16	0.3710	01/20/16	0.0000
Sample #3 Date, Result										
Minimum		0.1500		0.0200		0.0000		0.3290		0.0000
Maximum		0.1900		0.0500		0.0000		0.3710		5.2000
Average		0.1700		0.0350		0.0000		0.3500		2.6000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	01/11/16	0.0000			01/11/16	530.000			01/11/16	470.00
Sample #2 Date, Result	01/20/16	0.0000			01/20/16	560.000			01/20/16	560.00
Sample #3 Date, Result										
Minimum		0.0000				530.000				470.00
Maximum		0.0000				560.000				560.00
Average		0.0000				545.000				515.00

	TDS		TSS	
Sample #1 Date, Result	01/11/16	1,900.00	01/11/16	12.00
Sample #2 Date, Result	01/20/16	2,100.00	01/20/16	14.00
Sample #3 Date, Result				
Minimum				12.00
Maximum				14.00
Average				13.00

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2016 to Feb 29, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	02/08/16	6.9	02/08/16	0.0190			02/08/16	0.0044	02/08/16	0.00000
Sample #2 Date, Result	02/25/16	6.9	02/25/16	0.0140			02/25/16	0.0033	02/25/16	0.00000
Sample #3 Date, Result										
Minimum		6.9		0.0140				0.0033		0.0000
Maximum		6.9		0.0190				0.0044		0.0000
Average		6.9		0.0165				0.0039		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/08/16	0.07800	02/08/16	0.00410			02/08/16	0.00000	02/08/16	0.0170
Sample #2 Date, Result	02/25/16	0.03200	02/25/16	0.00340			02/25/16	0.00000	02/25/16	0.0130
Sample #3 Date, Result										
Minimum		0.0320		0.0034				0.0000		0.0130
Maximum		0.0780		0.0041				0.0000		0.0170
Average		0.0550		0.0038				0.0000		0.0150

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					02/08/16	0.53	02/08/16	0.00000	02/08/16	22.00
Sample #2 Date, Result					02/25/16	0.45	02/25/16	0.00000	02/25/16	26.00
Sample #3 Date, Result										
Minimum						0.4500		0.0000		22.0000
Maximum						0.5300		0.0000		26.0000
Average						0.4900		0.0000		24.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	02/08/16	0.0600	02/08/16	0.0500	02/08/16	0.0000	02/08/16	0.1820	02/08/16	0.0000
Sample #2 Date, Result	02/25/16	0.1000	02/25/16	0.0400	02/25/16	0.0000	02/25/16	0.4150	02/25/16	0.0000
Sample #3 Date, Result										
Minimum		0.0600		0.0400		0.0000		0.1820		0.0000
Maximum		0.1000		0.0500		0.0000		0.4150		0.0000
Average		0.0800		0.0450		0.0000		0.2985		0.0000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	02/08/16	0.0000			02/08/16	440.000			02/08/16	510.00
Sample #2 Date, Result	02/25/16	0.0000			02/25/16	430.000			02/25/16	510.00
Sample #3 Date, Result										
Minimum		0.0000				430.000				510.00
Maximum		0.0000				440.000				510.00
Average		0.0000				435.000				510.00

	TDS		TSS	
Sample #1 Date, Result	02/08/16	1,500.00	02/08/16	4.80
Sample #2 Date, Result	02/25/16	1,300.00	02/25/16	7.00
Sample #3 Date, Result				
Minimum				4.80
Maximum				7.00
Average				5.90

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Feb 01, 2016 to Feb 29, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2016 to Feb 29, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0165	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0039	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000000	0
Nickel	mg/L	1.4500	0.0038	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0150	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2016 to Mar 31, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	03/14/16	6.9	03/14/16	0.0120	03/14/16	0.00000	03/14/16	0.0039	03/14/16	0.00000
Sample #2 Date, Result	03/28/16	6.8	03/28/16	0.0000			03/28/16	0.0110	03/28/16	0.00000
Sample #3 Date, Result										
Minimum		6.8		0.0000		0.0000		0.0039		0.0000
Maximum		6.9		0.0120		0.0000		0.0110		0.0000
Average		6.9		0.0060		0.0000		0.0075		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/14/16	0.04100	03/14/16	0.00430	03/14/16	0.00000	03/14/16	0.00000	03/14/16	0.0300
Sample #2 Date, Result	03/28/16	0.07100	03/28/16	0.00500			03/28/16	0.00000	03/28/16	0.0160
Sample #3 Date, Result										
Minimum		0.0410		0.0043		0.0000		0.0000		0.0160
Maximum		0.0710		0.0050		0.0000		0.0000		0.0300
Average		0.0560		0.0047		0.0000		0.0000		0.0230

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result			03/14/16	0.000	03/14/16	0.67	03/14/16	0.00000	03/14/16	34.00
Sample #2 Date, Result					03/28/16	1.50	03/28/16	0.00000	03/28/16	19.00
Sample #3 Date, Result										
Minimum				0.0000		0.6700		0.0000		19.0000
Maximum				0.0000		1.5000		0.0000		34.0000
Average				0.0000		1.0850		0.0000		26.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	03/14/16	0.1800	03/14/16	0.0300	03/14/16	0.0000	03/14/16	0.0244	03/14/16	2.4000
Sample #2 Date, Result	03/28/16	0.1900	03/28/16	0.0400	03/28/16	0.0000	03/28/16	0.4740	03/28/16	0.0000
Sample #3 Date, Result										
Minimum		0.1800		0.0300		0.0000		0.0244		0.0000
Maximum		0.1900		0.0400		0.0000		0.4740		2.4000
Average		0.1850		0.0350		0.0000		0.2492		1.2000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	03/14/16	2.2000			03/14/16	690.000	03/14/16	5.20	03/14/16	360.00
Sample #2 Date, Result	03/28/16	2.2000			03/28/16	550.000			03/28/16	400.00
Sample #3 Date, Result										
Minimum		2.2000				550.000		5.20		360.00
Maximum		2.2000				690.000		5.20		400.00
Average		2.2000				620.000		5.20		380.00

	TDS		TSS	
Sample #1 Date, Result	03/14/16	1,200.00	03/14/16	10.00
Sample #2 Date, Result	03/28/16	1,600.00	03/28/16	11.00
Sample #3 Date, Result				
Minimum				10.00
Maximum				11.00
Average				10.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Mar 01, 2016 to Mar 31, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2016 to Mar 31, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0060	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0075	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000000	0
Nickel	mg/L	1.4500	0.0047	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0230	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Apr 30, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/11/16	6.7	04/11/16	0.0100			04/11/16	0.0041	04/11/16	0.00000
Sample #2 Date, Result	04/21/16	6.1	04/21/16	0.0100			04/21/16	0.0028	04/21/16	0.00000
Sample #3 Date, Result										
Minimum		6.1		0.0100				0.0028		0.0000
Maximum		6.7		0.0100				0.0041		0.0000
Average		6.4		0.0100				0.0035		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/11/16	0.09100	04/11/16	0.00710			04/11/16	0.00000	04/11/16	0.0230
Sample #2 Date, Result	04/21/16	0.12000	04/21/16	0.00860			04/21/16	0.00000	04/21/16	0.0190
Sample #3 Date, Result										
Minimum		0.0910		0.0071				0.0000		0.0190
Maximum		0.1200		0.0086				0.0000		0.0230
Average		0.1055		0.0079				0.0000		0.0210

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					04/11/16	0.92	04/11/16	0.00000	04/11/16	17.00
Sample #2 Date, Result					04/21/16	0.91	04/21/16	0.00000	04/21/16	7.70
Sample #3 Date, Result										
Minimum						0.9100		0.0000		7.7000
Maximum						0.9200		0.0000		17.0000
Average						0.9150		0.0000		12.3500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/11/16	0.1300	04/11/16	0.0000	04/11/16	0.0000	04/11/16	0.4850	04/11/16	0.0000
Sample #2 Date, Result	04/21/16	0.0200	04/21/16	0.0100	04/21/16	0.0000				
Sample #3 Date, Result										
Minimum		0.0200		0.0000		0.0000		0.4850		0.0000
Maximum		0.1300		0.0100		0.0000		0.4850		0.0000
Average		0.0750		0.0050		0.0000		0.4850		0.0000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	04/11/16	0.0000			04/11/16	720.000			04/11/16	530.00
Sample #2 Date, Result	04/21/16	0.0600			04/21/16	740.000			04/21/16	420.00
Sample #3 Date, Result										
Minimum		0.0000				720.000				420.00
Maximum		0.0600				740.000				530.00
Average		0.0300				730.000				475.00

	TDS		TSS	
Sample #1 Date, Result	04/11/16	2,100.00	04/11/16	17.00
Sample #2 Date, Result	04/21/16	1,700.00	04/21/16	14.00
Sample #3 Date, Result				
Minimum				14.00
Maximum				17.00
Average				15.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Apr 01, 2016 to Apr 30, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Apr 30, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0100	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0035	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000000	0
Nickel	mg/L	1.4500	0.0079	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0210	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2016 to May 31, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	05/09/16	6.8	05/09/16	0.0066	05/26/16	0.00000	05/09/16	0.0110	05/09/16	0.00000
Sample #2 Date, Result	05/26/16	6.7	05/26/16	0.0071			05/26/16	0.0190	05/26/16	0.00710
Sample #3 Date, Result										
Minimum		6.7		0.0066		0.0000		0.0110		0.0000
Maximum		6.8		0.0071		0.0000		0.0190		0.0071
Average		6.8		0.0069		0.0000		0.0150		0.0036

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/09/16	0.04400	05/09/16	0.01300	05/26/16	0.00080	05/09/16	0.00000	05/09/16	0.0580
Sample #2 Date, Result	05/26/16	0.12000	05/26/16	0.01300			05/26/16	0.00000	05/26/16	0.3300
Sample #3 Date, Result										
Minimum		0.0440		0.0130		0.0008		0.0000		0.0580
Maximum		0.1200		0.0130		0.0008		0.0000		0.3300
Average		0.0820		0.0130		0.0008		0.0000		0.1940

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/26/16	0.0190	05/26/16	0.000	05/09/16	1.30	05/09/16	0.00000	05/09/16	19.00
Sample #2 Date, Result					05/26/16	0.59	05/26/16	0.01300	05/26/16	25.00
Sample #3 Date, Result										
Minimum		0.0190		0.0000		0.5900		0.0000		19.0000
Maximum		0.0190		0.0000		1.3000		0.0130		25.0000
Average		0.0190		0.0000		0.9450		0.0065		22.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	05/09/16	0.2200	05/09/16	0.0400	05/09/16	0.0000	05/09/16	0.2660	05/09/16	3.6000
Sample #2 Date, Result	05/26/16	0.6200	05/26/16	0.2100	05/26/16	0.0040	05/26/16	0.3110	05/26/16	42.0000
Sample #3 Date, Result										
Minimum		0.2200		0.0400		0.0000		0.2660		3.6000
Maximum		0.6200		0.2100		0.0040		0.3110		42.0000
Average		0.4200		0.1250		0.0020		0.2885		22.8000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	05/09/16	0.1200			05/09/16	840.000	05/26/16	180.00	05/09/16	620.00
Sample #2 Date, Result	05/26/16	0.1300			05/26/16	700.000			05/26/16	1,600.00
Sample #3 Date, Result										
Minimum		0.1200				700.000		180.00		620.00
Maximum		0.1300				840.000		180.00		1,600.00
Average		0.1250				770.000		180.00		1,110.00

	TDS		TSS	
Sample #1 Date, Result	05/09/16	2,300.00	05/09/16	45.00
Sample #2 Date, Result	05/26/16	2,100.00	05/26/16	740.00
Sample #3 Date, Result				
Minimum				45.00
Maximum				740.00
Average				392.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

May 01, 2016 to May 31, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2016 to May 31, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		1	1
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	1
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0069	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.4870	0.0020	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0150	0
Lead	mg/L	0.1720	0.0036	0
Mercury	mg/L	0.000739	0.006500	1
Nickel	mg/L	1.4500	0.0130	0
Silver	mg/L	0.0351	0.0008	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1940	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0190	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2016 to Jun 30, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	06/13/16	6.1	06/13/16	0.0062			06/13/16	0.0100	06/13/16	0.00410
Sample #2 Date, Result	06/27/16	3.2	06/27/16	0.0054			06/27/16	0.0065	06/27/16	0.00330
Sample #3 Date, Result										
Minimum		3.2		0.0054				0.0065		0.0033
Maximum		6.1		0.0062				0.0100		0.0041
Average		4.7		0.0058				0.0083		0.0037

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/13/16	0.09800	06/13/16	0.01100			06/13/16	0.00000	06/13/16	0.1500
Sample #2 Date, Result	06/27/16	0.06200	06/27/16	0.01200			06/27/16	0.00000	06/27/16	0.1200
Sample #3 Date, Result										
Minimum		0.0620		0.0110				0.0000		0.1200
Maximum		0.0980		0.0120				0.0000		0.1500
Average		0.0800		0.0115				0.0000		0.1350

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					06/13/16	1.30	06/13/16	0.00060	06/13/16	7.80
Sample #2 Date, Result					06/27/16	0.79	06/27/16	0.00050	06/27/16	8.20
Sample #3 Date, Result										
Minimum						0.7900		0.0005		7.8000
Maximum						1.3000		0.0006		8.2000
Average						1.0450		0.0006		8.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	06/13/16	0.3800	06/13/16	0.0400	06/13/16	0.0035	06/13/16	0.0548	06/13/16	63.2000
Sample #2 Date, Result	06/27/16	0.5500	06/27/16	0.0100	06/27/16	0.0130	06/27/16	0.2600	06/27/16	43.0000
Sample #3 Date, Result										
Minimum		0.3800		0.0100		0.0035		0.0548		43.0000
Maximum		0.5500		0.0400		0.0130		0.2600		63.2000
Average		0.4650		0.0250		0.0083		0.1574		53.1000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	06/13/16	0.1900			06/13/16	2,400.000			06/13/16	740.00
Sample #2 Date, Result					06/27/16	1,100.000			06/27/16	590.00
Sample #3 Date, Result										
Minimum		0.1900				1,100.000				590.00
Maximum		0.1900				2,400.000				740.00
Average		0.1900				1,750.000				665.00

	TDS		TSS	
Sample #1 Date, Result	06/13/16	3,600.00	06/13/16	310.00
Sample #2 Date, Result	06/27/16	2,300.00	06/27/16	53.00
Sample #3 Date, Result				
Minimum				53.00
Maximum				310.00
Average				181.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jun 01, 2016 to Jun 30, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2016 to Jun 30, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	2	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0058	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0083	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0083	0
Lead	mg/L	0.1720	0.0037	0
Mercury	mg/L	0.000739	0.000550	0
Nickel	mg/L	1.4500	0.0115	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1350	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	1

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Jul 31, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/11/16	5.6	07/11/16	0.0054			07/11/16	0.0022	07/11/16	0.00000
Sample #2 Date, Result	07/21/16	6.4	07/21/16	0.0030			07/21/16	0.0036	07/21/16	0.00000
Sample #3 Date, Result										
Minimum		5.6		0.0030				0.0022		0.0000
Maximum		6.4		0.0054				0.0036		0.0000
Average		6.0		0.0042				0.0029		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/11/16	0.02300	07/11/16	0.00850			07/11/16	0.00000	07/11/16	0.0290
Sample #2 Date, Result	07/21/16	0.02000	07/21/16	0.00890			07/21/16	0.00000	07/21/16	0.0640
Sample #3 Date, Result										
Minimum		0.0200		0.0085				0.0000		0.0290
Maximum		0.0230		0.0089				0.0000		0.0640
Average		0.0215		0.0087				0.0000		0.0465

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					07/11/16	0.54	07/11/16	0.00010	07/11/16	2.10
Sample #2 Date, Result					07/21/16	0.71	07/21/16	0.00040	07/21/16	9.50
Sample #3 Date, Result										
Minimum						0.5400		0.0001		2.1000
Maximum						0.7100		0.0004		9.5000
Average						0.6250		0.0003		5.8000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/11/16	0.2300	07/11/16	0.0500	07/11/16	0.0013	07/11/16	0.3000	07/11/16	7.7000
Sample #2 Date, Result	07/21/16	0.4200	07/21/16	0.0400	07/21/16	0.0000	07/21/16	0.3080	07/21/16	15.5000
Sample #3 Date, Result										
Minimum		0.2300		0.0400		0.0000		0.3000		7.7000
Maximum		0.4200		0.0500		0.0013		0.3080		15.5000
Average		0.3250		0.0450		0.0007		0.3040		11.6000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	07/11/16	0.1200			07/11/16	630.000			07/11/16	610.00
Sample #2 Date, Result	07/21/16	0.0800			07/21/16	1,300.000			07/21/16	580.00
Sample #3 Date, Result										
Minimum		0.0800				630.000				580.00
Maximum		0.1200				1,300.000				610.00
Average		0.1000				965.000				595.00

	TDS		TSS	
Sample #1 Date, Result	07/11/16	2,000.00	07/11/16	31.00
Sample #2 Date, Result	07/21/16	2,300.00	07/21/16	69.00
Sample #3 Date, Result				
Minimum				31.00
Maximum				69.00
Average				50.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jul 01, 2016 to Jul 31, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Jul 31, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0042	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0007	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0029	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000250	0
Nickel	mg/L	1.4500	0.0087	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0465	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2016 to Aug 31, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	08/18/16	7.7	08/29/16	0.0047			08/19/16	0.0190	08/19/16	0.00850
Sample #2 Date, Result	08/29/16	7.0					08/29/16	0.0026	08/29/16	0.00210
Sample #3 Date, Result										
Minimum		7.0		0.0047				0.0026		0.0021
Maximum		7.7		0.0047				0.0190		0.0085
Average		7.4		0.0047				0.0108		0.0053

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	08/29/16	0.00350	08/29/16	0.00480			08/29/16	0.00000	08/19/16	0.2900
Sample #2 Date, Result									08/29/16	0.0400
Sample #3 Date, Result										
Minimum		0.0035		0.0048				0.0000		0.0400
Maximum		0.0035		0.0048				0.0000		0.2900
Average		0.0035		0.0048				0.0000		0.1650

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	08/19/16	0.0130	08/19/16	0.000	08/29/16	0.17	08/29/16	0.00010	08/29/16	24.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0130		0.0000		0.1700		0.0001		24.0000
Maximum		0.0130		0.0000		0.1700		0.0001		24.0000
Average		0.0130		0.0000		0.1700		0.0001		24.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	08/29/16	1.3400	08/29/16	0.1400	08/19/16	0.0047	08/29/16	0.0543	08/29/16	19.7000
Sample #2 Date, Result					08/29/16	0.0010				
Sample #3 Date, Result										
Minimum		1.3400		0.1400		0.0010		0.0543		19.7000
Maximum		1.3400		0.1400		0.0047		0.0543		19.7000
Average		1.3400		0.1400		0.0029		0.0543		19.7000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	08/18/16	0.1500			08/29/16	340.000			08/29/16	1,000.00
Sample #2 Date, Result	08/29/16	0.1100								
Sample #3 Date, Result										
Minimum		0.1100				340.000				1,000.00
Maximum		0.1500				340.000				1,000.00
Average		0.1300				340.000				1,000.00

	TDS		TSS	
Sample #1 Date, Result	08/29/16	730.00	08/29/16	110.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				110.00
Maximum				110.00
Average				110.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Aug 01, 2016 to Aug 31, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2016 to Aug 31, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0047	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0029	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0108	0
Lead	mg/L	0.1720	0.0053	0
Mercury	mg/L	0.000739	0.000100	0
Nickel	mg/L	1.4500	0.0048	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1650	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0130	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2016 to Sep 30, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	09/12/16	6.7	09/12/16	0.0069			09/12/16	0.0030	09/12/16	0.00000
Sample #2 Date, Result	09/26/16	6.6	09/26/16	0.0072			09/26/16	0.0015	09/26/16	0.00000
Sample #3 Date, Result										
Minimum		6.6		0.0069				0.0015		0.0000
Maximum		6.7		0.0072				0.0030		0.0000
Average		6.7		0.0071				0.0023		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/12/16	0.01200	09/12/16	0.00380			09/12/16	0.00000	09/12/16	0.0280
Sample #2 Date, Result	09/26/16	0.00870	09/26/16	0.00730			09/26/16	0.00000	09/26/16	0.0210
Sample #3 Date, Result										
Minimum		0.0087		0.0038				0.0000		0.0210
Maximum		0.0120		0.0073				0.0000		0.0280
Average		0.0104		0.0056				0.0000		0.0245

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					09/12/16	0.67	09/12/16	0.00000	09/12/16	45.00
Sample #2 Date, Result					09/26/16	0.72	09/26/16	0.00020	09/26/16	67.00
Sample #3 Date, Result										
Minimum						0.6700		0.0000		45.0000
Maximum						0.7200		0.0002		67.0000
Average						0.6950		0.0001		56.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	09/12/16	0.1700	09/12/16	0.0100	09/12/16	0.0000	09/13/16	0.1820	09/13/16	11.7000
Sample #2 Date, Result	09/26/16	0.0000	09/26/16	0.0300	09/26/16	0.0012	09/26/16	0.0872	09/26/16	21.2000
Sample #3 Date, Result										
Minimum		0.0000		0.0100		0.0000		0.0872		11.7000
Maximum		0.1700		0.0300		0.0012		0.1820		21.2000
Average		0.0850		0.0200		0.0006		0.1346		16.4500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	09/12/16	0.1100			09/12/16	22.000			09/12/16	510.00
Sample #2 Date, Result					09/26/16	520.000			09/26/16	600.00
Sample #3 Date, Result										
Minimum		0.1100				22.000				510.00
Maximum		0.1100				520.000				600.00
Average		0.1100				271.000				555.00

	TDS		TSS	
Sample #1 Date, Result	09/12/16	1,100.00	09/12/16	52.00
Sample #2 Date, Result	09/26/16	1,400.00	09/26/16	39.00
Sample #3 Date, Result				
Minimum				39.00
Maximum				52.00
Average				45.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Sep 01, 2016 to Sep 30, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2016 to Sep 30, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0071	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0006	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0023	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000100	0
Nickel	mg/L	1.4500	0.0056	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0245	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Oct 31, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/10/16	7.4	10/10/16	0.0098			10/10/16	0.0013	10/10/16	0.00000
Sample #2 Date, Result			10/11/16	0.0098			10/11/16	0.0013	10/11/16	0.00000
Sample #3 Date, Result										
Minimum		7.4		0.0098				0.0013		0.0000
Maximum		7.4		0.0098				0.0013		0.0000
Average		7.4		0.0098				0.0013		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/10/16	0.00960	10/10/16	0.00570			10/10/16	0.00000	10/10/16	0.0097
Sample #2 Date, Result	10/11/16	0.00960	10/11/16	0.00570			10/11/16	0.00000	10/11/16	0.0097
Sample #3 Date, Result										
Minimum		0.0096		0.0057				0.0000		0.0097
Maximum		0.0096		0.0057				0.0000		0.0097
Average		0.0096		0.0057				0.0000		0.0097

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					10/10/16	0.78	10/10/16	0.00010	10/10/16	66.00
Sample #2 Date, Result					10/11/16	0.78	10/11/16	0.00010	10/11/16	66.00
Sample #3 Date, Result										
Minimum						0.7800		0.0001		66.0000
Maximum						0.7800		0.0001		66.0000
Average						0.7800		0.0001		66.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/10/16	0.1100	10/10/16	0.1800	10/10/16	0.0000	10/10/16	0.0616	10/10/16	11.9000
Sample #2 Date, Result	10/11/16	0.1100	10/11/16	0.1800	10/11/16	0.0000				
Sample #3 Date, Result										
Minimum		0.1100		0.1800		0.0000		0.0616		11.9000
Maximum		0.1100		0.1800		0.0000		0.0616		11.9000
Average		0.1100		0.1800		0.0000		0.0616		11.9000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	10/10/16	0.1900			10/10/16	560.000			10/10/16	510.00
Sample #2 Date, Result					10/11/16	560.000			10/11/16	510.00
Sample #3 Date, Result										
Minimum		0.1900				560.000				510.00
Maximum		0.1900				560.000				510.00
Average		0.1900				560.000				510.00

	TDS		TSS	
Sample #1 Date, Result	10/10/16	630.00	10/10/16	32.00
Sample #2 Date, Result	10/11/16	630.00	10/11/16	32.00
Sample #3 Date, Result				
Minimum				32.00
Maximum				32.00
Average				32.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Oct 01, 2016 to Oct 31, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Oct 31, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0098	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0013	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000100	0
Nickel	mg/L	1.4500	0.0057	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0097	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2016 to Nov 30, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	11/17/16	8.1	11/17/16	0.0095	11/17/16	0.00000	11/17/16	0.0064	11/17/16	0.00310
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		8.1		0.0095		0.0000		0.0064		0.0031
Maximum		8.1		0.0095		0.0000		0.0064		0.0031
Average		8.1		0.0095		0.0000		0.0064		0.0031

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/17/16	0.03900	11/17/16	0.00500	11/17/16	0.00000	11/17/16	0.00000	11/17/16	0.0840
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0390		0.0050		0.0000		0.0000		0.0840
Maximum		0.0390		0.0050		0.0000		0.0000		0.0840
Average		0.0390		0.0050		0.0000		0.0000		0.0840

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/17/16	0.0000	11/17/16	0.000	11/17/16	1.70	11/17/16	0.00060	11/17/16	110.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0000		0.0000		1.7000		0.0006		110.0000
Maximum		0.0000		0.0000		1.7000		0.0006		110.0000
Average		0.0000		0.0000		1.7000		0.0006		110.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	11/17/16	0.0700	11/17/16	0.0800	11/17/16	0.0000	11/17/16	0.0107	11/17/16	64.2000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0700		0.0800		0.0000		0.0107		64.2000
Maximum		0.0700		0.0800		0.0000		0.0107		64.2000
Average		0.0700		0.0800		0.0000		0.0107		64.2000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	11/17/16	0.2300			11/17/16	350.000	11/17/16	13.00	11/17/16	770.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.2300				350.000		13.00		770.00
Maximum		0.2300				350.000		13.00		770.00
Average		0.2300				350.000		13.00		770.00

	TDS		TSS	
Sample #1 Date, Result	11/17/16	570.00	11/17/16	170.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				170.00
Maximum				170.00
Average				170.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Nov 01, 2016 to Nov 30, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2016 to Nov 30, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0095	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0064	0
Lead	mg/L	0.1720	0.0031	0
Mercury	mg/L	0.000739	0.000600	0
Nickel	mg/L	1.4500	0.0050	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0840	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2016 to Dec 31, 2016

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	12/12/16	7.1	12/12/16	0.0071			12/02/16	0.0075	12/02/16	0.00160
Sample #2 Date, Result							12/12/16	0.0000	12/12/16	0.00000
Sample #3 Date, Result										
Minimum		7.1		0.0071				0.0000		0.0000
Maximum		7.1		0.0071				0.0075		0.0016
Average		7.1		0.0071				0.0038		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	12/02/16	0.01300	12/12/16	0.00330			12/12/16	0.00000	12/02/16	0.0530
Sample #2 Date, Result	12/12/16	0.02000							12/12/16	0.0380
Sample #3 Date, Result										
Minimum		0.0130		0.0033				0.0000		0.0380
Maximum		0.0200		0.0033				0.0000		0.0530
Average		0.0165		0.0033				0.0000		0.0455

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	12/02/16	0.0031	12/02/16	0.000	12/12/16	1.30	12/12/16	0.00017	12/12/16	6.30
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0031		0.0000		1.3000		0.0002		6.3000
Maximum		0.0031		0.0000		1.3000		0.0002		6.3000
Average		0.0031		0.0000		1.3000		0.0002		6.3000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	12/12/16	0.0700	12/12/16	0.1000	12/02/16	0.0012	12/12/16	0.0680	12/12/16	20.9000
Sample #2 Date, Result					12/12/16	0.0012				
Sample #3 Date, Result										
Minimum		0.0700		0.1000		0.0012		0.0680		20.9000
Maximum		0.0700		0.1000		0.0012		0.0680		20.9000
Average		0.0700		0.1000		0.0012		0.0680		20.9000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	12/12/16	0.1900	12/02/16	0.00	12/12/16	1,900.000			12/12/16	400.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.1900		0.0020		1,900.000				400.00
Maximum		0.1900		0.0020		1,900.000				400.00
Average		0.1900		0.0020		1,900.000				400.00

	TDS		TSS	
Sample #1 Date, Result	12/12/16	1,100.00	12/12/16	42.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				42.00
Maximum				42.00
Average				42.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Dec 01, 2016 to Dec 31, 2016

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			12/02/16	0.0030					12/02/16	0.0000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum				0.0030						0.0000
Maximum				0.0030						0.0000
Average				0.0030						0.0000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					12/02/16	0.0000	12/02/16	0.0000		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.0000		0.0000		
Maximum						0.0000		0.0000		
Average						0.0000		0.0000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2016 to Dec 31, 2016

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0071	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0012	0
Cobalt	mg/L	0.1240	0.0030	0
Copper	mg/L	0.3010	0.0038	0
Lead	mg/L	0.1720	0.0008	0
Mercury	mg/L	0.000739	0.000170	0
Nickel	mg/L	1.4500	0.0033	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0020	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0455	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0031	0
Carbazole	mg/L	0.2230	0.0000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.0000	0
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250	0.0000	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Jan 31, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/09/17	5.8	01/09/17	0.0077			01/09/17	0.0024	01/09/17	0.00000
Sample #2 Date, Result	01/26/17	6.6	01/26/17	0.0140			01/26/17	0.0072	01/26/17	0.00000
Sample #3 Date, Result										
Minimum		5.8		0.0077				0.0024		0.0000
Maximum		6.6		0.0140				0.0072		0.0000
Average		6.2		0.0109				0.0048		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	01/09/17	0.03400	01/09/17	0.00460			01/09/17	0.00000	01/09/17	0.0500
Sample #2 Date, Result	01/26/17	0.01400	01/26/17	0.00850			01/26/17	0.00000	01/26/17	0.0380
Sample #3 Date, Result										
Minimum		0.0140		0.0046				0.0000		0.0380
Maximum		0.0340		0.0085				0.0000		0.0500
Average		0.0240		0.0066				0.0000		0.0440

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					01/09/17	1.30	01/09/17	0.00020	01/09/17	10.00
Sample #2 Date, Result					01/26/17	0.93	01/26/17	0.00011	01/26/17	42.00
Sample #3 Date, Result										
Minimum						0.9300		0.0001		10.0000
Maximum						1.3000		0.0002		42.0000
Average						1.1150		0.0002		26.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/09/17	0.1100	01/09/17	0.0200	01/09/17	0.0021	01/09/17	0.3830	01/09/17	7.6000
Sample #2 Date, Result	01/26/17	0.1800	01/26/17	0.0600	01/26/17	0.0012	01/26/17	0.1540	01/26/17	7.2000
Sample #3 Date, Result										
Minimum		0.1100		0.0200		0.0012		0.1540		7.2000
Maximum		0.1800		0.0600		0.0021		0.3830		7.6000
Average		0.1450		0.0400		0.0017		0.2685		7.4000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	01/26/17	0.9500			01/09/17	320.000			01/09/17	740.00
Sample #2 Date, Result					01/26/17	610.000			01/26/17	600.00
Sample #3 Date, Result										
Minimum		0.9500				320.000				600.00
Maximum		0.9500				610.000				740.00
Average		0.9500				465.000				670.00

	TDS		TSS	
Sample #1 Date, Result	01/09/17	4,300.00	01/09/17	55.00
Sample #2 Date, Result	01/26/17	5,800.00	01/26/17	45.00
Sample #3 Date, Result				
Minimum				45.00
Maximum				55.00
Average				50.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jan 01, 2017 to Jan 31, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Jan 31, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0109	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0017	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0048	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000155	0
Nickel	mg/L	1.4500	0.0066	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0440	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2017 to Feb 28, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	02/07/17	5.6	02/07/17	0.0088			02/07/17	0.0160	02/07/17	0.00590
Sample #2 Date, Result	02/27/17	6.6	02/27/17	0.0075			02/27/17	0.0073	02/27/17	0.00000
Sample #3 Date, Result										
Minimum		5.6		0.0075				0.0073		0.0000
Maximum		6.6		0.0088				0.0160		0.0059
Average		6.1		0.0082				0.0117		0.0030

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/07/17	0.01900	02/07/17	0.01000			02/07/17	0.00000	02/07/17	0.2200
Sample #2 Date, Result	02/27/17	0.01600	02/27/17	0.00450			02/27/17	0.00000	02/27/17	0.0900
Sample #3 Date, Result										
Minimum		0.0160		0.0045				0.0000		0.0900
Maximum		0.0190		0.0100				0.0000		0.2200
Average		0.0175		0.0073				0.0000		0.1550

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					02/07/17	0.44	02/07/17	0.00150	02/07/17	76.00
Sample #2 Date, Result					02/27/17	1.30	02/27/17	0.00088	02/27/17	50.00
Sample #3 Date, Result										
Minimum						0.4400		0.0009		50.0000
Maximum						1.3000		0.0015		76.0000
Average						0.8700		0.0012		63.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	02/07/17	0.3100	02/07/17	0.0600	02/07/17	0.0029	02/07/17	0.3250	02/07/17	13.5000
Sample #2 Date, Result	02/27/17	0.1300	02/27/17	0.1000	02/27/17	0.0012	02/27/17	0.1510	02/27/17	13.6000
Sample #3 Date, Result										
Minimum		0.1300		0.0600		0.0012		0.1510		13.5000
Maximum		0.3100		0.1000		0.0029		0.3250		13.6000
Average		0.2200		0.0800		0.0021		0.2380		13.5500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	02/07/17	0.9100			02/07/17	550.000			02/07/17	1,300.00
Sample #2 Date, Result	02/27/17	2.2000			02/27/17	660.000			02/27/17	1,300.00
Sample #3 Date, Result										
Minimum		0.9100				550.000				1,300.00
Maximum		2.2000				660.000				1,300.00
Average		1.5550				605.000				1,300.00

	TDS		TSS	
Sample #1 Date, Result	02/07/17	2,400.00	02/07/17	470.00
Sample #2 Date, Result	02/27/17	2,800.00	02/27/17	230.00
Sample #3 Date, Result				
Minimum				230.00
Maximum				470.00
Average				350.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Feb 01, 2017 to Feb 28, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2017 to Feb 28, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	2	1
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0082	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0021	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0117	0
Lead	mg/L	0.1720	0.0030	0
Mercury	mg/L	0.000739	0.001190	1
Nickel	mg/L	1.4500	0.0073	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1550	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2017 to Mar 31, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	03/13/17	6.8	03/13/17	0.0000	03/28/17	0.00000	03/13/17	0.0060	03/13/17	0.00000
Sample #2 Date, Result	03/28/17	6.6	03/28/17	0.0086			03/28/17	0.0000	03/28/17	0.00000
Sample #3 Date, Result										
Minimum		6.6		0.0000		0.0000		0.0000		0.0000
Maximum		6.8		0.0086		0.0000		0.0060		0.0000
Average		6.7		0.0043		0.0000		0.0030		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/13/17	0.03600	03/13/17	0.00260	03/28/17	0.00000	03/13/17	0.00000	03/13/17	0.0430
Sample #2 Date, Result	03/28/17	0.02800	03/28/17	0.00200			03/28/17	0.00000	03/28/17	0.0120
Sample #3 Date, Result										
Minimum		0.0280		0.0020		0.0000		0.0000		0.0120
Maximum		0.0360		0.0026		0.0000		0.0000		0.0430
Average		0.0320		0.0023		0.0000		0.0000		0.0275

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	03/28/17	0.0000	03/28/17	0.000	03/13/17	1.00	03/13/17	0.00009	03/13/17	35.00
Sample #2 Date, Result					03/28/17	0.57	03/28/17	0.00003	03/28/17	39.00
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.5700		0.0000		35.0000
Maximum		0.0000		0.0000		1.0000		0.0001		39.0000
Average		0.0000		0.0000		0.7850		0.0001		37.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	03/13/17	0.1600	03/13/17	0.1500	03/13/17	0.0010	03/13/17	0.1860	03/13/17	19.0000
Sample #2 Date, Result	03/28/17	0.1400	03/28/17	0.2200	03/28/17	0.0000	03/28/17	0.0517	03/28/17	4.5000
Sample #3 Date, Result										
Minimum		0.1400		0.1500		0.0000		0.0517		4.5000
Maximum		0.1600		0.2200		0.0010		0.1860		19.0000
Average		0.1500		0.1850		0.0005		0.1189		11.7500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	03/13/17	2.2000			03/13/17	690.000	03/28/17	0.00	03/13/17	880.00
Sample #2 Date, Result	03/28/17	1.8700			03/28/17	410.000			03/28/17	1,900.00
Sample #3 Date, Result										
Minimum		1.8700				410.000		0.00		880.00
Maximum		2.2000				690.000		0.00		1,900.00
Average		2.0350				550.000		0.00		1,390.00

	TDS		TSS	
Sample #1 Date, Result	03/13/17	2,200.00	03/13/17	94.00
Sample #2 Date, Result	03/28/17	2,100.00	03/28/17	12.00
Sample #3 Date, Result				
Minimum				12.00
Maximum				94.00
Average				53.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Mar 01, 2017 to Mar 31, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2017 to Mar 31, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0043	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.4870	0.0005	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0030	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000059	0
Nickel	mg/L	1.4500	0.0023	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0275	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Apr 30, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/03/17	6.2	04/03/17	0.0000			04/03/17	0.0240	04/03/17	0.01300
Sample #2 Date, Result	04/20/17	6.7	04/20/17	0.0075			04/20/17	0.0020	04/20/17	0.02600
Sample #3 Date, Result										
Minimum		6.2		0.0000				0.0020		0.0130
Maximum		6.7		0.0075				0.0240		0.0260
Average		6.5		0.0038				0.0130		0.0195

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/03/17	0.00280	04/03/17	0.00370			04/03/17	0.00000	04/03/17	0.2900
Sample #2 Date, Result	04/20/17	0.02500	04/20/17	0.00260			04/20/17	0.00000	04/20/17	0.0100
Sample #3 Date, Result										
Minimum		0.0028		0.0026				0.0000		0.0100
Maximum		0.0250		0.0037				0.0000		0.2900
Average		0.0139		0.0032				0.0000		0.1500

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					04/03/17	0.54	04/03/17	0.00012	04/03/17	11.00
Sample #2 Date, Result					04/20/17	0.91	04/20/17	0.00009	04/20/17	4.80
Sample #3 Date, Result										
Minimum						0.5400		0.0001		4.8000
Maximum						0.9100		0.0001		11.0000
Average						0.7250		0.0001		7.9000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/03/17	0.1100	04/03/17	0.0800	04/03/17	0.0050	04/03/17	0.2240	04/03/17	2.2000
Sample #2 Date, Result	04/20/17	0.2100	04/20/17	0.0500	04/20/17	0.0010	04/20/17	0.0512	04/20/17	2.7000
Sample #3 Date, Result										
Minimum		0.1100		0.0500		0.0010		0.0512		2.2000
Maximum		0.2100		0.0800		0.0050		0.2240		2.7000
Average		0.1600		0.0650		0.0030		0.1376		2.4500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	04/03/17	0.0700			04/03/17	350.000			04/03/17	690.00
Sample #2 Date, Result	04/20/17	0.0400			04/20/17	390.000			04/20/17	670.00
Sample #3 Date, Result										
Minimum		0.0400				350.000				670.00
Maximum		0.0700				390.000				690.00
Average		0.0550				370.000				680.00

	TDS		TSS	
Sample #1 Date, Result	04/03/17	1,700.00	04/03/17	34.00
Sample #2 Date, Result	04/20/17	1,900.00	04/20/17	27.00
Sample #3 Date, Result				
Minimum				27.00
Maximum				34.00
Average				30.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Apr 01, 2017 to Apr 30, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Apr 30, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0038	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0030	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0130	0
Lead	mg/L	0.1720	0.0195	0
Mercury	mg/L	0.000739	0.000104	0
Nickel	mg/L	1.4500	0.0032	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1500	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2017 to May 31, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	05/09/17	7.4	05/09/17	0.0077	05/09/17	0.00000	05/09/17	0.0019	05/09/17	0.00830
Sample #2 Date, Result	05/31/17	7.1	05/31/17	0.0099			05/31/17	0.0041	05/31/17	0.00000
Sample #3 Date, Result										
Minimum		7.1		0.0077		0.0000		0.0019		0.0000
Maximum		7.4		0.0099		0.0000		0.0041		0.0083
Average		7.3		0.0088		0.0000		0.0030		0.0042

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/09/17	0.01700	05/09/17	0.00300	05/09/17	0.00000	05/09/17	0.00000	05/09/17	0.0120
Sample #2 Date, Result	05/31/17	0.05600	05/31/17	0.00690			05/31/17	0.00000	05/31/17	0.0810
Sample #3 Date, Result										
Minimum		0.0170		0.0030		0.0000		0.0000		0.0120
Maximum		0.0560		0.0069		0.0000		0.0000		0.0810
Average		0.0365		0.0050		0.0000		0.0000		0.0465

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/09/17	0.0000	05/09/17	0.000	05/09/17	0.87	05/09/17	0.00006	05/09/17	4.70
Sample #2 Date, Result					05/31/17	1.00	05/31/17	0.00062	05/31/17	46.00
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.8700		0.0001		4.7000
Maximum		0.0000		0.0000		1.0000		0.0006		46.0000
Average		0.0000		0.0000		0.9350		0.0003		25.3500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	05/09/17	0.2200	05/09/17	0.0200	05/09/17	0.0007	05/09/17	0.0078	05/09/17	2.2000
Sample #2 Date, Result	05/31/17	0.4400	05/31/17	0.0500	05/31/17	0.0013	05/31/17	0.1500	05/31/17	0.0000
Sample #3 Date, Result										
Minimum		0.2200		0.0200		0.0007		0.0078		0.0000
Maximum		0.4400		0.0500		0.0013		0.1500		2.2000
Average		0.3300		0.0350		0.0010		0.0789		1.1000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	05/09/17	0.1100			05/09/17	440.000	05/09/17	28.00	05/09/17	350.00
Sample #2 Date, Result	05/31/17	0.0200			05/31/17	540.000			05/31/17	630.00
Sample #3 Date, Result										
Minimum		0.0200				440.000		28.00		350.00
Maximum		0.1100				540.000		28.00		630.00
Average		0.0650				490.000		28.00		490.00

	TDS		TSS	
Sample #1 Date, Result	05/09/17	1,800.00	05/09/17	19.00
Sample #2 Date, Result	05/31/17	1,100.00	05/31/17	210.00
Sample #3 Date, Result				
Minimum				19.00
Maximum				210.00
Average				114.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

May 01, 2017 to May 31, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2017 to May 31, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0088	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.4870	0.0010	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0030	0
Lead	mg/L	0.1720	0.0042	0
Mercury	mg/L	0.000739	0.000341	0
Nickel	mg/L	1.4500	0.0050	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0465	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2017 to Jun 30, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	06/02/17	7.0	06/12/17	0.0070			06/02/17	0.0120	06/02/17	0.00310
Sample #2 Date, Result	06/12/17	7.1	06/28/17	0.0085			06/12/17	0.0012	06/12/17	0.00000
Sample #3 Date, Result	06/28/17	7.0					06/28/17	0.0010	06/28/17	0.00000
Minimum		7.0		0.0070				0.0010		0.0000
Maximum		7.1		0.0085				0.0120		0.0031
Average		7.0		0.0078				0.0047		0.0010

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/02/17	0.05700	06/12/17	0.00490			06/12/17	0.00000	06/02/17	0.1000
Sample #2 Date, Result	06/12/17	0.02700	06/28/17	0.00240			06/28/17	0.00000	06/12/17	0.0260
Sample #3 Date, Result	06/28/17	0.01200							06/28/17	0.0200
Minimum		0.0120		0.0024				0.0000		0.0200
Maximum		0.0570		0.0049				0.0000		0.1000
Average		0.0320		0.0037				0.0000		0.0487

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/02/17	0.0000	06/02/17	0.000	06/12/17	0.93	06/12/17	0.00000	06/12/17	31.00
Sample #2 Date, Result					06/28/17	0.83	06/28/17	0.00016	06/28/17	13.00
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.8300		0.0000		13.0000
Maximum		0.0000		0.0000		0.9300		0.0002		31.0000
Average		0.0000		0.0000		0.8800		0.0001		22.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	06/12/17	0.1200	06/12/17	0.0500	06/02/17	0.0014	06/12/17	0.2110	06/12/17	0.0000
Sample #2 Date, Result	06/28/17	0.1500	06/28/17	0.1300	06/12/17	0.0010	06/28/17	0.1230	06/28/17	0.0000
Sample #3 Date, Result					06/28/17	0.0006				
Minimum		0.1200		0.0500		0.0006		0.1230		0.0000
Maximum		0.1500		0.1300		0.0014		0.2110		0.0000
Average		0.1350		0.0900		0.0010		0.1670		0.0000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	06/12/17	0.0300	06/02/17	0.01	06/12/17	450.000			06/12/17	300.00
Sample #2 Date, Result	06/28/17	0.0100			06/28/17	380.000			06/28/17	310.00
Sample #3 Date, Result										
Minimum		0.0100		0.0060		380.000				300.00
Maximum		0.0300		0.0060		450.000				310.00
Average		0.0200		0.0060		415.000				305.00

	TDS		TSS	
Sample #1 Date, Result	06/12/17	910.00	06/12/17	12.00
Sample #2 Date, Result	06/28/17	930.00	06/28/17	42.00
Sample #3 Date, Result				
Minimum				12.00
Maximum				42.00
Average				27.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jun 01, 2017 to Jun 30, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			06/02/17	0.0020					06/02/17	0.0000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum				0.0020						0.0000
Maximum				0.0020						0.0000
Average				0.0020						0.0000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					06/02/17	0.0000	06/02/17	0.0000		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.0000		0.0000		
Maximum						0.0000		0.0000		
Average						0.0000		0.0000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2017 to Jun 30, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0078	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0010	0
Cobalt	mg/L	0.1240	0.0020	0
Copper	mg/L	0.3010	0.0047	0
Lead	mg/L	0.1720	0.0010	0
Mercury	mg/L	0.000739	0.000080	0
Nickel	mg/L	1.4500	0.0037	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0060	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0487	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230	0.0000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.0000	0
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250	0.0000	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Jul 31, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/12/17	6.9	07/12/17	0.0056	07/12/17	0.00000	07/12/17	0.0000	07/12/17	0.00000
Sample #2 Date, Result	07/17/17	7.0	07/17/17	0.0051			07/17/17	0.0012	07/17/17	0.00000
Sample #3 Date, Result										
Minimum		6.9		0.0051		0.0000		0.0000		0.0000
Maximum		7.0		0.0056		0.0000		0.0012		0.0000
Average		7.0		0.0054		0.0000		0.0006		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/17/17	0.00990	07/12/17	0.00410	07/12/17	0.00000	07/12/17	0.00000	07/12/17	0.0300
Sample #2 Date, Result			07/17/17	0.00320			07/17/17	0.00000	07/17/17	0.0150
Sample #3 Date, Result										
Minimum		0.0099		0.0032		0.0000		0.0000		0.0150
Maximum		0.0099		0.0041		0.0000		0.0000		0.0300
Average		0.0099		0.0037		0.0000		0.0000		0.0225

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					07/12/17	0.98	07/12/17	0.00009	07/12/17	21.00
Sample #2 Date, Result					07/17/17	0.27	07/17/17	0.00005	07/17/17	29.00
Sample #3 Date, Result										
Minimum						0.2700		0.0001		21.0000
Maximum						0.9800		0.0001		29.0000
Average						0.6250		0.0001		25.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/12/17	0.1600	07/12/17	0.0300	07/12/17	0.0005	07/12/17	0.1460	07/12/17	0.0000
Sample #2 Date, Result	07/17/17	0.1500	07/17/17	0.0800	07/17/17	0.0007	07/17/17	0.0221	07/17/17	1.7000
Sample #3 Date, Result										
Minimum		0.1500		0.0300		0.0005		0.0221		0.0000
Maximum		0.1600		0.0800		0.0007		0.1460		1.7000
Average		0.1550		0.0550		0.0006		0.0841		0.8500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	07/17/17	0.0700			07/12/17	390.000			07/12/17	320.00
Sample #2 Date, Result					07/17/17	350.000			07/17/17	310.00
Sample #3 Date, Result										
Minimum		0.0700				350.000				310.00
Maximum		0.0700				390.000				320.00
Average		0.0700				370.000				315.00

	TDS		TSS	
Sample #1 Date, Result	07/12/17	510.00	07/12/17	45.00
Sample #2 Date, Result	07/17/17	760.00	07/17/17	39.00
Sample #3 Date, Result				
Minimum				39.00
Maximum				45.00
Average				42.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jul 01, 2017 to Jul 31, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Jul 31, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0054	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.4870	0.0006	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0006	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000072	0
Nickel	mg/L	1.4500	0.0037	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0225	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2017 to Aug 31, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	08/08/17	7.3	08/08/17	0.0000			08/08/17	0.0000	08/08/17	0.00000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		7.3		0.0000				0.0000		0.0000
Maximum		7.3		0.0000				0.0000		0.0000
Average		7.3		0.0000				0.0000		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	08/08/17	0.01400	08/08/17	0.00530			08/08/17	0.00000	08/08/17	0.0230
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0140		0.0053				0.0000		0.0230
Maximum		0.0140		0.0053				0.0000		0.0230
Average		0.0140		0.0053				0.0000		0.0230

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					08/08/17	1.10	08/08/17	0.00000	08/08/17	26.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						1.1000		0.0000		26.0000
Maximum						1.1000		0.0000		26.0000
Average						1.1000		0.0000		26.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	08/08/17	0.1600	08/08/17	0.1400	08/08/17	0.0000	08/08/17	0.1880	08/08/17	2.3000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.1600		0.1400		0.0000		0.1880		2.3000
Maximum		0.1600		0.1400		0.0000		0.1880		2.3000
Average		0.1600		0.1400		0.0000		0.1880		2.3000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	08/08/17	0.0400			08/08/17	16.000			08/08/17	360.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0400				16.000				360.00
Maximum		0.0400				16.000				360.00
Average		0.0400				16.000				360.00

	TDS		TSS	
Sample #1 Date, Result	08/08/17	960.00	08/08/17	35.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				35.00
Maximum				35.00
Average				35.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Aug 01, 2017 to Aug 31, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2017 to Aug 31, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0000	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000000	0
Nickel	mg/L	1.4500	0.0053	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0230	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2017 to Sep 30, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	09/11/17	7.2	09/11/17	0.0037			09/11/17	0.0310	09/11/17	0.00000
Sample #2 Date, Result	09/26/17	8.2	09/26/17	0.0057			09/26/17	0.0013	09/26/17	0.00000
Sample #3 Date, Result										
Minimum		7.2		0.0037				0.0013		0.0000
Maximum		8.2		0.0057				0.0310		0.0000
Average		7.7		0.0047				0.0162		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/11/17	0.02800	09/11/17	0.02100			09/11/17	0.00000	09/11/17	0.0350
Sample #2 Date, Result	09/26/17	0.02700	09/26/17	0.00890			09/26/17	0.00000	09/26/17	0.0260
Sample #3 Date, Result										
Minimum		0.0270		0.0089				0.0000		0.0260
Maximum		0.0280		0.0210				0.0000		0.0350
Average		0.0275		0.0150				0.0000		0.0305

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					09/11/17	1.80	09/11/17	0.00005	09/11/17	16.00
Sample #2 Date, Result					09/26/17	2.30	09/26/17	0.00000	09/26/17	26.00
Sample #3 Date, Result										
Minimum						1.8000		0.0000		16.0000
Maximum						2.3000		0.0000		26.0000
Average						2.0500		0.0000		21.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	09/11/17	0.1500	09/11/17	0.0800	09/11/17	0.1700	09/11/17	0.0112	09/11/17	4.9000
Sample #2 Date, Result	09/26/17	0.3000	09/26/17	0.0900	09/26/17	0.0006	09/26/17	0.0339	09/26/17	3.8000
Sample #3 Date, Result										
Minimum		0.1500		0.0800		0.0006		0.0112		3.8000
Maximum		0.3000		0.0900		0.1700		0.0339		4.9000
Average		0.2250		0.0850		0.0853		0.0226		4.3500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	09/11/17	1.5600			09/11/17	480.000	09/11/17	4.90	09/11/17	320.00
Sample #2 Date, Result					09/26/17	380.000			09/26/17	500.00
Sample #3 Date, Result										
Minimum		1.5600				380.000		4.90		320.00
Maximum		1.5600				480.000		4.90		500.00
Average		1.5600				430.000		4.90		410.00

	TDS		TSS	
Sample #1 Date, Result	09/11/17	1,500.00	09/11/17	120.00
Sample #2 Date, Result	09/26/17	1,500.00	09/26/17	16.00
Sample #3 Date, Result				
Minimum				16.00
Maximum				120.00
Average				68.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Sep 01, 2017 to Sep 30, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2017 to Sep 30, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0047	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0853	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0162	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000023	0
Nickel	mg/L	1.4500	0.0150	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0305	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Oct 31, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/09/17	6.2	10/09/17	0.0071			10/09/17	0.0190	10/09/17	0.00000
Sample #2 Date, Result	10/26/17	5.6	10/26/17	0.0000			10/26/17	0.0300	10/26/17	0.00000
Sample #3 Date, Result										
Minimum		5.6		0.0000				0.0190		0.0000
Maximum		6.2		0.0071				0.0300		0.0000
Average		5.9		0.0036				0.0245		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/09/17	0.01700	10/09/17	0.01700			10/09/17	0.00000	10/09/17	0.0390
Sample #2 Date, Result	10/26/17	0.01800	10/26/17	0.02400			10/26/17	0.00000	10/26/17	0.0110
Sample #3 Date, Result										
Minimum		0.0170		0.0170				0.0000		0.0110
Maximum		0.0180		0.0240				0.0000		0.0390
Average		0.0175		0.0205				0.0000		0.0250

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					10/09/17	0.55	10/09/17	0.00000	10/09/17	25.00
Sample #2 Date, Result					10/26/17	0.68	10/26/17	0.00002	10/26/17	12.00
Sample #3 Date, Result										
Minimum						0.5500		0.0000		12.0000
Maximum						0.6800		0.0000		25.0000
Average						0.6150		0.0000		18.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/09/17	0.1100	10/09/17	0.7200	10/09/17	0.0930	10/09/17	0.0430	10/09/17	0.0000
Sample #2 Date, Result	10/26/17	0.0700	10/26/17	0.0900	10/26/17	0.1700	10/26/17	0.0160	10/26/17	2.3000
Sample #3 Date, Result										
Minimum		0.0700		0.0900		0.0930		0.0160		0.0000
Maximum		0.1100		0.7200		0.1700		0.0430		2.3000
Average		0.0900		0.4050		0.1315		0.0295		1.1500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	10/09/17	1.5000			10/09/17	320.000			10/09/17	960.00
Sample #2 Date, Result	10/26/17	0.2300			10/26/17	410.000			10/26/17	560.00
Sample #3 Date, Result										
Minimum		0.2300				320.000				560.00
Maximum		1.5000				410.000				960.00
Average		0.8650				365.000				760.00

	TDS		TSS	
Sample #1 Date, Result	10/09/17	770.00	10/09/17	82.00
Sample #2 Date, Result	10/26/17	760.00	10/26/17	120.00
Sample #3 Date, Result				
Minimum				82.00
Maximum				120.00
Average				101.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Oct 01, 2017 to Oct 31, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Oct 31, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0036	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.1315	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0245	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000011	0
Nickel	mg/L	1.4500	0.0205	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0250	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2017 to Nov 30, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	11/02/17	7.2	11/02/17	0.0052	11/02/17	0.00000	11/02/17	0.0018	11/02/17	0.00000
Sample #2 Date, Result	11/29/17	7.1	11/29/17	0.0090			11/29/17	0.0029	11/29/17	0.00000
Sample #3 Date, Result										
Minimum		7.1		0.0052		0.0000		0.0018		0.0000
Maximum		7.2		0.0090		0.0000		0.0029		0.0000
Average		7.2		0.0071		0.0000		0.0024		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/02/17	0.00330	11/02/17	0.00640	11/02/17	0.00000	11/02/17	0.00000	11/02/17	0.0210
Sample #2 Date, Result	11/29/17	0.01600	11/29/17	0.00400			11/29/17	0.00000	11/29/17	0.0087
Sample #3 Date, Result										
Minimum		0.0033		0.0040		0.0000		0.0000		0.0087
Maximum		0.0160		0.0064		0.0000		0.0000		0.0210
Average		0.0097		0.0052		0.0000		0.0000		0.0149

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/02/17	0.0000	11/02/17	0.000	11/02/17	0.51	11/02/17	0.00012	11/02/17	20.00
Sample #2 Date, Result					11/29/17	0.63	11/29/17	0.00000	11/29/17	16.00
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.5100		0.0000		16.0000
Maximum		0.0000		0.0000		0.6300		0.0001		20.0000
Average		0.0000		0.0000		0.5700		0.0001		18.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	11/02/17	0.4600	11/02/17	0.3800	11/02/17	0.0000	11/02/17	0.1920	11/02/17	1.7000
Sample #2 Date, Result	11/29/17	0.4800	11/29/17	4.9000	11/29/17	0.0007	11/29/17	0.2420	11/29/17	2.2000
Sample #3 Date, Result										
Minimum		0.4600		0.3800		0.0000		0.1920		1.7000
Maximum		0.4800		4.9000		0.0007		0.2420		2.2000
Average		0.4700		2.6400		0.0004		0.2170		1.9500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	11/02/17	0.2400			11/02/17	300.000	11/02/17	130.00	11/02/17	820.00
Sample #2 Date, Result	11/29/17	0.2000			11/29/17	340.000			11/29/17	1,200.00
Sample #3 Date, Result										
Minimum		0.2000				300.000		130.00		820.00
Maximum		0.2400				340.000		130.00		1,200.00
Average		0.2200				320.000		130.00		1,010.00

	TDS		TSS	
Sample #1 Date, Result	11/02/17	660.00	11/02/17	210.00
Sample #2 Date, Result	11/29/17	1,000.00	11/29/17	88.00
Sample #3 Date, Result				
Minimum				88.00
Maximum				210.00
Average				149.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Nov 01, 2017 to Nov 30, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2017 to Nov 30, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	1	1
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0071	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.4870	0.0004	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0024	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000060	0
Nickel	mg/L	1.4500	0.0052	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0149	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2017 to Dec 31, 2017

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	12/11/17	7.8	12/26/17	0.0000			12/11/17	0.0027	12/11/17	0.00000
Sample #2 Date, Result	12/26/17	7.6					12/26/17	0.0130	12/26/17	0.00430
Sample #3 Date, Result										
Minimum		7.6		0.0000				0.0027		0.0000
Maximum		7.8		0.0000				0.0130		0.0043
Average		7.7		0.0000				0.0079		0.0022

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	12/26/17	0.11000	12/26/17	0.01900			12/26/17	0.00000	12/11/17	0.0090
Sample #2 Date, Result									12/26/17	0.0510
Sample #3 Date, Result										
Minimum		0.1100		0.0190				0.0000		0.0090
Maximum		0.1100		0.0190				0.0000		0.0510
Average		0.1100		0.0190				0.0000		0.0300

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	12/11/17	0.0000	12/11/17	0.000	12/26/17	2.10	12/26/17	0.00005	12/26/17	33.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0000		0.0000		2.1000		0.0001		33.0000
Maximum		0.0000		0.0000		2.1000		0.0001		33.0000
Average		0.0000		0.0000		2.1000		0.0001		33.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	12/26/17	1.8000	12/26/17	0.1300	12/11/17	0.0000	12/26/17	0.1160	12/26/17	7.8000
Sample #2 Date, Result					12/26/17	0.0380				
Sample #3 Date, Result										
Minimum		1.8000		0.1300		0.0000		0.1160		7.8000
Maximum		1.8000		0.1300		0.0380		0.1160		7.8000
Average		1.8000		0.1300		0.0190		0.1160		7.8000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	12/11/17	0.2000			12/26/17	540.000			12/26/17	550.00
Sample #2 Date, Result	12/26/17	0.1300								
Sample #3 Date, Result										
Minimum		0.1300				540.000				550.00
Maximum		0.2000				540.000				550.00
Average		0.1650				540.000				550.00

	TDS		TSS	
Sample #1 Date, Result	12/26/17	1,200.00	12/26/17	100.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				100.00
Maximum				100.00
Average				100.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Dec 01, 2017 to Dec 31, 2017

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2017 to Dec 31, 2017

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0000	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0190	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0079	0
Lead	mg/L	0.1720	0.0022	0
Mercury	mg/L	0.000739	0.000052	0
Nickel	mg/L	1.4500	0.0190	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0300	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Jan 31, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/08/18	7.7	01/08/18	0.0085			01/08/18	0.0012	01/08/18	0.00000
Sample #2 Date, Result	01/25/18	6.4	01/25/18	0.0037			01/25/18	0.0180	01/25/18	0.00000
Sample #3 Date, Result										
Minimum		6.4		0.0037				0.0012		0.0000
Maximum		7.7		0.0085				0.0180		0.0000
Average		7.1		0.0061				0.0096		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	01/08/18	0.05800	01/08/18	0.00860			01/08/18	0.00000	01/08/18	0.0620
Sample #2 Date, Result	01/25/18	0.01800	01/25/18	0.01800			01/25/18	0.00000	01/25/18	0.0280
Sample #3 Date, Result										
Minimum		0.0180		0.0086				0.0000		0.0280
Maximum		0.0580		0.0180				0.0000		0.0620
Average		0.0380		0.0133				0.0000		0.0450

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					01/08/18	1.10	01/08/18	0.00026	01/08/18	29.00
Sample #2 Date, Result					01/25/18	0.63	01/25/18	0.00003	01/25/18	50.00
Sample #3 Date, Result										
Minimum						0.6300		0.0000		29.0000
Maximum						1.1000		0.0003		50.0000
Average						0.8650		0.0001		39.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/08/18	0.2500	01/08/18	0.0400	01/08/18	0.0000	01/08/18	0.1440	01/08/18	1.5000
Sample #2 Date, Result	01/25/18	0.3400	01/25/18	0.0900	01/25/18	0.0400	01/25/18	0.0266	01/25/18	0.0000
Sample #3 Date, Result										
Minimum		0.2500		0.0400		0.0000		0.0266		0.0000
Maximum		0.3400		0.0900		0.0400		0.1440		1.5000
Average		0.2950		0.0650		0.0200		0.0853		0.7500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	01/08/18	0.1000			01/08/18	270.000			01/08/18	420.00
Sample #2 Date, Result	01/25/18	0.0500			01/25/18	410.000			01/25/18	480.00
Sample #3 Date, Result										
Minimum		0.0500				270.000				420.00
Maximum		0.1000				410.000				480.00
Average		0.0750				340.000				450.00

	TDS		TSS	
Sample #1 Date, Result	01/08/18	850.00	01/08/18	73.00
Sample #2 Date, Result	01/25/18	640.00	01/25/18	120.00
Sample #3 Date, Result				
Minimum				73.00
Maximum				120.00
Average				96.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jan 01, 2018 to Jan 31, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Jan 31, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0061	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0200	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0096	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000146	0
Nickel	mg/L	1.4500	0.0133	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0450	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2018 to Feb 28, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	02/06/18	6.7	02/06/18	0.0075			02/06/18	0.0120	02/06/18	0.00000
Sample #2 Date, Result	02/26/18	7.5	02/26/18	0.0000			02/26/18	0.0019	02/26/18	0.00000
Sample #3 Date, Result										
Minimum		6.7		0.0000				0.0019		0.0000
Maximum		7.5		0.0075				0.0120		0.0000
Average		7.1		0.0038				0.0070		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/06/18	0.01200	02/06/18	0.00960			02/06/18	0.00000	02/06/18	0.0220
Sample #2 Date, Result	02/26/18	0.01900	02/26/18	0.00560			02/26/18	0.00000	02/26/18	0.0066
Sample #3 Date, Result										
Minimum		0.0120		0.0056				0.0000		0.0066
Maximum		0.0190		0.0096				0.0000		0.0220
Average		0.0155		0.0076				0.0000		0.0143

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					02/06/18	0.36	02/06/18	0.00008	02/06/18	54.00
Sample #2 Date, Result					02/26/18	0.40	02/26/18	0.00000	02/26/18	62.00
Sample #3 Date, Result										
Minimum						0.3600		0.0000		54.0000
Maximum						0.4000		0.0001		62.0000
Average						0.3800		0.0000		58.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	02/06/18	0.2400	02/06/18	0.1000	02/06/18	0.0290	02/06/18	0.2470	02/06/18	2.1000
Sample #2 Date, Result	02/26/18	0.1700	02/26/18	0.0500	02/26/18	0.0019	02/26/18	0.0503	02/26/18	0.0000
Sample #3 Date, Result										
Minimum		0.1700		0.0500		0.0019		0.0503		0.0000
Maximum		0.2400		0.1000		0.0290		0.2470		2.1000
Average		0.2050		0.0750		0.0155		0.1487		1.0500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	02/06/18	0.0000			02/06/18	380.000			02/06/18	560.00
Sample #2 Date, Result	02/26/18	0.0900			02/26/18	320.000			02/26/18	420.00
Sample #3 Date, Result										
Minimum		0.0000				320.000				420.00
Maximum		0.0900				380.000				560.00
Average		0.0450				350.000				490.00

	TDS		TSS	
Sample #1 Date, Result	02/06/18	590.00	02/06/18	83.00
Sample #2 Date, Result	02/26/18	550.00	02/26/18	22.00
Sample #3 Date, Result				
Minimum				22.00
Maximum				83.00
Average				52.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Feb 01, 2018 to Feb 28, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2018 to Feb 28, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0038	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0155	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0070	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000042	0
Nickel	mg/L	1.4500	0.0076	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0143	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2018 to Mar 31, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	03/13/18	7.1	03/13/18	0.0000	03/27/18	0.00050	03/13/18	0.0100	03/13/18	0.00000
Sample #2 Date, Result	03/27/18	6.3	03/27/18	0.0064			03/27/18	0.0048	03/27/18	0.00000
Sample #3 Date, Result										
Minimum		6.3		0.0000		0.0005		0.0048		0.0000
Maximum		7.1		0.0064		0.0005		0.0100		0.0000
Average		6.7		0.0032		0.0005		0.0074		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/13/18	0.00700	03/13/18	0.00840	03/27/18	0.00000	03/13/18	0.00000	03/13/18	0.0430
Sample #2 Date, Result	03/27/18	0.01100	03/27/18	0.01000			03/27/18	0.00000	03/27/18	0.0190
Sample #3 Date, Result										
Minimum		0.0070		0.0084		0.0000		0.0000		0.0190
Maximum		0.0110		0.0100		0.0000		0.0000		0.0430
Average		0.0090		0.0092		0.0000		0.0000		0.0310

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	03/27/18	0.0000	03/27/18	0.000	03/13/18	0.19	03/13/18	0.00000	03/13/18	46.00
Sample #2 Date, Result					03/27/18	0.24	03/27/18	0.00004	03/27/18	34.00
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.1900		0.0000		34.0000
Maximum		0.0000		0.0000		0.2400		0.0000		46.0000
Average		0.0000		0.0000		0.2150		0.0000		40.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	03/13/18	0.1500	03/13/18	0.0500	03/13/18	0.0290	03/13/18	0.0175	03/13/18	2.5000
Sample #2 Date, Result	03/27/18	0.2500	03/27/18	0.1000	03/27/18	0.0170	03/27/18	0.0418	03/27/18	0.0000
Sample #3 Date, Result										
Minimum		0.1500		0.0500		0.0170		0.0175		0.0000
Maximum		0.2500		0.1000		0.0290		0.0418		2.5000
Average		0.2000		0.0750		0.0230		0.0297		1.2500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	03/13/18	0.0000			03/13/18	350.000	03/27/18	9.60	03/13/18	410.00
Sample #2 Date, Result	03/27/18	0.3400			03/27/18	300.000			03/27/18	350.00
Sample #3 Date, Result										
Minimum		0.0000				300.000		9.60		350.00
Maximum		0.3400				350.000		9.60		410.00
Average		0.1700				325.000		9.60		380.00

	TDS		TSS	
Sample #1 Date, Result	03/13/18	480.00	03/13/18	51.00
Sample #2 Date, Result	03/27/18	400.00	03/27/18	96.00
Sample #3 Date, Result				
Minimum				51.00
Maximum				96.00
Average				73.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Mar 01, 2018 to Mar 31, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2018 to Mar 31, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0032	0
Cadmium	mg/L	0.0962	0.0005	0
Chromium	mg/L	0.4870	0.0230	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0074	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000019	0
Nickel	mg/L	1.4500	0.0092	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0310	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Apr 30, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/10/18	6.8	04/10/18	0.0000	04/23/18	0.00080	04/10/18	0.0000	04/10/18	0.00000
Sample #2 Date, Result	04/23/18	5.7	04/23/18	0.0064			04/23/18	0.0049	04/23/18	0.00000
Sample #3 Date, Result										
Minimum		5.7		0.0000		0.0008		0.0000		0.0000
Maximum		6.8		0.0064		0.0008		0.0049		0.0000
Average		6.3		0.0032		0.0008		0.0025		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/10/18	0.01600	04/10/18	0.01000	04/23/18	0.00000	04/10/18	0.00000	04/10/18	0.0300
Sample #2 Date, Result	04/23/18	0.01400	04/23/18	0.01600			04/23/18	0.00000	04/23/18	0.0380
Sample #3 Date, Result										
Minimum		0.0140		0.0100		0.0000		0.0000		0.0300
Maximum		0.0160		0.0160		0.0000		0.0000		0.0380
Average		0.0150		0.0130		0.0000		0.0000		0.0340

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					04/10/18	0.31	04/10/18	0.00000	04/10/18	52.00
Sample #2 Date, Result					04/23/18	0.28	04/23/18	0.00000	04/23/18	49.00
Sample #3 Date, Result										
Minimum						0.2800		0.0000		49.0000
Maximum						0.3100		0.0000		52.0000
Average						0.2950		0.0000		50.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/10/18	0.1800	04/10/18	0.0600	04/10/18	0.0042	04/10/18	0.0253	04/10/18	1.9000
Sample #2 Date, Result	04/23/18	0.1600	04/23/18	0.1900	04/23/18	0.0033	04/23/18	0.0022	04/23/18	1.6000
Sample #3 Date, Result										
Minimum		0.1600		0.0600		0.0033		0.0022		1.6000
Maximum		0.1800		0.1900		0.0042		0.0253		1.9000
Average		0.1700		0.1250		0.0038		0.0138		1.7500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	04/10/18	0.4000			04/10/18	290.000			04/10/18	390.00
Sample #2 Date, Result	04/23/18	1.0500			04/23/18	270.000			04/23/18	450.00
Sample #3 Date, Result										
Minimum		0.4000				270.000				390.00
Maximum		1.0500				290.000				450.00
Average		0.7250				280.000				420.00

	TDS		TSS	
Sample #1 Date, Result	04/10/18	420.00	04/10/18	150.00
Sample #2 Date, Result	04/23/18	410.00	04/23/18	96.00
Sample #3 Date, Result				
Minimum				96.00
Maximum				150.00
Average				123.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Apr 01, 2018 to Apr 30, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Apr 30, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0032	0
Cadmium	mg/L	0.0962	0.0008	0
Chromium	mg/L	0.4870	0.0038	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0025	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000000	0
Nickel	mg/L	1.4500	0.0130	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0340	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2018 to May 31, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	05/07/18	6.6	05/07/18	0.0057	05/07/18	0.00080	05/07/18	0.0290	05/07/18	0.00000
Sample #2 Date, Result	05/30/18	6.3	05/30/18	0.0060	05/30/18	0.00070	05/30/18	0.0082	05/30/18	0.00000
Sample #3 Date, Result										
Minimum		6.3		0.0057		0.0007		0.0082		0.0000
Maximum		6.6		0.0060		0.0008		0.0290		0.0000
Average		6.5		0.0059		0.0008		0.0186		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/07/18	0.02300	05/07/18	0.02500	05/07/18	0.00000	05/07/18	0.00000	05/07/18	0.0930
Sample #2 Date, Result	05/30/18	0.01100	05/30/18	0.01900	05/30/18	0.00000	05/30/18	0.00000	05/30/18	0.0360
Sample #3 Date, Result										
Minimum		0.0110		0.0190		0.0000		0.0000		0.0360
Maximum		0.0230		0.0250		0.0000		0.0000		0.0930
Average		0.0170		0.0220		0.0000		0.0000		0.0645

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/07/18	0.0000	05/07/18	0.000	05/07/18	0.66	05/07/18	0.00020	05/07/18	80.00
Sample #2 Date, Result					05/30/18	0.47	05/30/18	0.00021	05/30/18	26.00
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.4700		0.0002		26.0000
Maximum		0.0000		0.0000		0.6600		0.0002		80.0000
Average		0.0000		0.0000		0.5650		0.0002		53.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	05/07/18	0.7800	05/07/18	0.5600	05/07/18	0.0380	05/07/18	0.0447	05/07/18	3.4000
Sample #2 Date, Result	05/30/18	0.2900	05/30/18	0.1000	05/30/18	0.0043	05/30/18	0.0788	05/30/18	2.3000
Sample #3 Date, Result										
Minimum		0.2900		0.1000		0.0043		0.0447		2.3000
Maximum		0.7800		0.5600		0.0380		0.0788		3.4000
Average		0.5350		0.3300		0.0212		0.0618		2.8500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	05/07/18	0.3300			05/07/18	330.000			05/07/18	660.00
Sample #2 Date, Result	05/30/18	1.2700			05/30/18	350.000			05/30/18	410.00
Sample #3 Date, Result										
Minimum		0.3300				330.000				410.00
Maximum		1.2700				350.000				660.00
Average		0.8000				340.000				535.00

	TDS		TSS	
Sample #1 Date, Result	05/07/18	470.00	05/07/18	220.00
Sample #2 Date, Result	05/30/18	590.00	05/30/18	130.00
Sample #3 Date, Result				
Minimum				130.00
Maximum				220.00
Average				175.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

May 01, 2018 to May 31, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2018 to May 31, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0059	0
Cadmium	mg/L	0.0962	0.0008	0
Chromium	mg/L	0.4870	0.0212	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0186	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000205	0
Nickel	mg/L	1.4500	0.0220	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0645	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2018 to Jun 30, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	06/11/18	3.1	06/11/18	0.0076			06/01/18	0.0130	06/01/18	0.00000
Sample #2 Date, Result	06/26/18	5.7	06/26/18	0.0000			06/11/18	0.0031	06/11/18	0.00000
Sample #3 Date, Result							06/26/18	0.0100	06/26/18	0.00000
Minimum		3.1		0.0000				0.0031		0.0000
Maximum		5.7		0.0076				0.0130		0.0000
Average		4.4		0.0038				0.0087		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/01/18	0.03600	06/11/18	0.01700			06/11/18	0.00000	06/01/18	0.0350
Sample #2 Date, Result	06/11/18	0.01800	06/26/18	0.01600			06/26/18	0.00000	06/11/18	0.0600
Sample #3 Date, Result	06/26/18	0.01300							06/26/18	0.0320
Minimum		0.0130		0.0160				0.0000		0.0320
Maximum		0.0360		0.0170				0.0000		0.0600
Average		0.0223		0.0165				0.0000		0.0423

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/01/18	0.0000	06/01/18	0.000	06/11/18	0.75	06/26/18	0.00000	06/11/18	43.00
Sample #2 Date, Result					06/26/18	0.54			06/26/18	37.00
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.5400		0.0000		37.0000
Maximum		0.0000		0.0000		0.7500		0.0000		43.0000
Average		0.0000		0.0000		0.6450		0.0000		40.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	06/11/18	0.4900	06/26/18	0.1400	06/01/18	0.0066	06/11/18	0.0282	06/11/18	2.3000
Sample #2 Date, Result	06/26/18	0.4600			06/11/18	0.0065	06/26/18	0.0642	06/26/18	4.4000
Sample #3 Date, Result					06/26/18	0.0130				
Minimum		0.4600		0.1400		0.0065		0.0282		2.3000
Maximum		0.4900		0.1400		0.0130		0.0642		4.4000
Average		0.4750		0.1400		0.0087		0.0462		3.3500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	06/11/18	0.4000	06/01/18	0.01	06/11/18	600.000			06/11/18	370.00
Sample #2 Date, Result	06/26/18	0.5300			06/26/18	320.000			06/26/18	590.00
Sample #3 Date, Result										
Minimum		0.4000		0.0140		320.000				370.00
Maximum		0.5300		0.0140		600.000				590.00
Average		0.4650		0.0140		460.000				480.00

	TDS		TSS	
Sample #1 Date, Result	06/11/18	1,000.00	06/11/18	74.00
Sample #2 Date, Result	06/26/18	640.00	06/26/18	190.00
Sample #3 Date, Result				
Minimum				74.00
Maximum				190.00
Average				132.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jun 01, 2018 to Jun 30, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			06/01/18	0.0080					06/01/18	0.0000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum				0.0080						0.0000
Maximum				0.0080						0.0000
Average				0.0080						0.0000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					06/01/18	0.0000	06/01/18	0.0000		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.0000		0.0000		
Maximum						0.0000		0.0000		
Average						0.0000		0.0000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2018 to Jun 30, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0038	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0087	0
Cobalt	mg/L	0.1240	0.0080	0
Copper	mg/L	0.3010	0.0087	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000000	0
Nickel	mg/L	1.4500	0.0165	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0140	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0423	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230	0.0000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.0000	0
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250	0.0000	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	1

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Jul 31, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/26/18	5.1	07/26/18	0.0090			07/26/18	0.0250	07/26/18	0.00000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		5.1		0.0090				0.0250		0.0000
Maximum		5.1		0.0090				0.0250		0.0000
Average		5.1		0.0090				0.0250		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/26/18	0.02300	07/26/18	0.02000			07/26/18	0.00000	07/26/18	0.1200
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0230		0.0200				0.0000		0.1200
Maximum		0.0230		0.0200				0.0000		0.1200
Average		0.0230		0.0200				0.0000		0.1200

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					07/26/18	0.56	07/26/18	0.00030	07/26/18	6.70
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.5600		0.0003		6.7000
Maximum						0.5600		0.0003		6.7000
Average						0.5600		0.0003		6.7000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/26/18	1.2500	07/26/18	0.0800	07/26/18	0.0550	07/26/18	0.0240	07/26/18	13.8000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		1.2500		0.0800		0.0550		0.0240		13.8000
Maximum		1.2500		0.0800		0.0550		0.0240		13.8000
Average		1.2500		0.0800		0.0550		0.0240		13.8000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	07/26/18	0.6700			07/26/18	310.000			07/26/18	880.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.6700				310.000				880.00
Maximum		0.6700				310.000				880.00
Average		0.6700				310.000				880.00

	TDS		TSS	
Sample #1 Date, Result	07/26/18	480.00	07/26/18	216.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				216.00
Maximum				216.00
Average				216.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jul 01, 2018 to Jul 31, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Jul 31, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0090	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0550	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0250	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000300	0
Nickel	mg/L	1.4500	0.0200	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1200	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2018 to Aug 31, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	08/07/18	6.7	08/31/18	0.0071	08/31/18	0.00030	08/07/18	0.0200	08/07/18	0.00000
Sample #2 Date, Result	08/30/18	6.1					08/31/18	0.0120	08/31/18	0.00000
Sample #3 Date, Result										
Minimum		6.1		0.0071		0.0003		0.0120		0.0000
Maximum		6.7		0.0071		0.0003		0.0200		0.0000
Average		6.4		0.0071		0.0003		0.0160		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	08/31/18	0.01300	08/31/18	0.01800	08/31/18	0.00000	08/31/18	0.00000	08/07/18	0.1100
Sample #2 Date, Result									08/31/18	0.0520
Sample #3 Date, Result										
Minimum		0.0130		0.0180		0.0000		0.0000		0.0520
Maximum		0.0130		0.0180		0.0000		0.0000		0.1100
Average		0.0130		0.0180		0.0000		0.0000		0.0810

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	08/07/18	0.0000	08/07/18	0.000	08/07/18	1.50	08/07/18	0.00000	08/31/18	16.00
Sample #2 Date, Result	08/31/18	0.0000	08/31/18	0.000	08/31/18	0.66	08/31/18	0.00000		
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.6600		0.0000		16.0000
Maximum		0.0000		0.0000		1.5000		0.0000		16.0000
Average		0.0000		0.0000		1.0800		0.0000		16.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	08/31/18	0.3900	08/31/18	0.0600	08/07/18	0.0580	08/30/18	0.0140	08/30/18	5.7000
Sample #2 Date, Result					08/31/18	0.0260				
Sample #3 Date, Result										
Minimum		0.3900		0.0600		0.0260		0.0140		5.7000
Maximum		0.3900		0.0600		0.0580		0.0140		5.7000
Average		0.3900		0.0600		0.0420		0.0140		5.7000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	08/07/18	0.3000			08/07/18	370.000	08/07/18	15.00	08/31/18	380.00
Sample #2 Date, Result	08/30/18	0.0900			08/31/18	340.000	08/31/18	6.00		
Sample #3 Date, Result										
Minimum		0.0900				340.000		6.00		380.00
Maximum		0.3000				370.000		15.00		380.00
Average		0.1950				355.000		10.50		380.00

	TDS		TSS	
Sample #1 Date, Result	08/07/18	530.00	08/07/18	140.00
Sample #2 Date, Result	08/31/18	500.00	08/31/18	7.80
Sample #3 Date, Result				
Minimum				7.80
Maximum				140.00
Average				73.90

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Aug 01, 2018 to Aug 31, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2018 to Aug 31, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0071	0
Cadmium	mg/L	0.0962	0.0003	0
Chromium	mg/L	0.4870	0.0420	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0160	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000000	0
Nickel	mg/L	1.4500	0.0180	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0810	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2018 to Sep 30, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	09/13/18	6.2	09/13/18	0.0059			09/13/18	0.0150	09/13/18	0.00000
Sample #2 Date, Result	09/25/18	6.6	09/25/18	0.0000			09/25/18	0.0230	09/25/18	0.00000
Sample #3 Date, Result										
Minimum		6.2		0.0000				0.0150		0.0000
Maximum		6.6		0.0059				0.0230		0.0000
Average		6.4		0.0030				0.0190		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/13/18	0.02200	09/13/18	0.01700			09/13/18	0.00000	09/13/18	0.0280
Sample #2 Date, Result	09/25/18	0.02700	09/25/18	0.01700			09/25/18	0.00000	09/25/18	0.0660
Sample #3 Date, Result										
Minimum		0.0220		0.0170				0.0000		0.0280
Maximum		0.0270		0.0170				0.0000		0.0660
Average		0.0245		0.0170				0.0000		0.0470

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					09/13/18	0.94	09/13/18	0.00010	09/13/18	5.00
Sample #2 Date, Result					09/25/18	1.20	09/25/18	0.00040	09/25/18	11.00
Sample #3 Date, Result										
Minimum						0.9400		0.0001		5.0000
Maximum						1.2000		0.0004		11.0000
Average						1.0700		0.0003		8.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	09/13/18	0.2100	09/13/18	0.1300	09/13/18	0.0350	09/13/18	0.0180	09/13/18	4.9000
Sample #2 Date, Result	09/25/18	0.4000	09/25/18	0.0200	09/25/18	0.0620	09/25/18	0.0160	09/25/18	3.9000
Sample #3 Date, Result										
Minimum		0.2100		0.0200		0.0350		0.0160		3.9000
Maximum		0.4000		0.1300		0.0620		0.0180		4.9000
Average		0.3050		0.0750		0.0485		0.0170		4.4000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	09/13/18	0.0000			09/13/18	300.000			09/13/18	650.00
Sample #2 Date, Result	09/25/18	2.0700			09/25/18	430.000			09/25/18	430.00
Sample #3 Date, Result										
Minimum		0.0000				300.000				430.00
Maximum		2.0700				430.000				650.00
Average		1.0350				365.000				540.00

	TDS		TSS	
Sample #1 Date, Result	09/13/18	770.00	09/13/18	22.00
Sample #2 Date, Result	09/25/18	840.00	09/25/18	150.00
Sample #3 Date, Result				
Minimum				22.00
Maximum				150.00
Average				86.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Sep 01, 2018 to Sep 30, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2018 to Sep 30, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		1	1
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0030	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0485	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0190	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000250	0
Nickel	mg/L	1.4500	0.0170	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0470	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Oct 31, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/11/18	6.0	10/11/18	0.0000			10/11/18	0.0110	10/11/18	0.00000
Sample #2 Date, Result	10/31/18	6.5	10/31/18	0.0065			10/31/18	0.0077	10/31/18	0.00000
Sample #3 Date, Result										
Minimum		6.0		0.0000				0.0077		0.0000
Maximum		6.5		0.0065				0.0110		0.0000
Average		6.3		0.0033				0.0094		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result					10/11/18	0.00000	10/11/18	0.00000	10/11/18	0.0560
Sample #2 Date, Result					10/31/18	0.00000	10/31/18	0.00000	10/31/18	0.1600
Sample #3 Date, Result										
Minimum						0.0000		0.0000		0.0560
Maximum						0.0000		0.0000		0.1600
Average						0.0000		0.0000		0.1080

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					10/11/18	0.53	10/11/18	0.00000	10/11/18	14.00
Sample #2 Date, Result					10/31/18	1.00	10/31/18	0.00020	10/31/18	23.00
Sample #3 Date, Result										
Minimum						0.5300		0.0000		14.0000
Maximum						1.0000		0.0002		23.0000
Average						0.7650		0.0001		18.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/11/18	0.2700	10/11/18	0.3400	10/11/18	0.0180	10/11/18	0.0820	10/11/18	0.0000
Sample #2 Date, Result	10/31/18	0.4200	10/31/18	0.0000	10/31/18	0.0130	10/31/18	0.1200	10/31/18	2.4000
Sample #3 Date, Result										
Minimum		0.2700		0.0000		0.0130		0.0820		0.0000
Maximum		0.4200		0.3400		0.0180		0.1200		2.4000
Average		0.3450		0.1700		0.0155		0.1010		1.2000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	10/11/18	0.1800			10/11/18	260.000			10/11/18	490.00
Sample #2 Date, Result	10/31/18	0.2200			10/31/18	300.000			10/31/18	530.00
Sample #3 Date, Result										
Minimum		0.1800				260.000				490.00
Maximum		0.2200				300.000				530.00
Average		0.2000				280.000				510.00

	TDS		TSS	
Sample #1 Date, Result	10/11/18	470.00	10/11/18	134.00
Sample #2 Date, Result	10/31/18	450.00	10/31/18	93.00
Sample #3 Date, Result				
Minimum				93.00
Maximum				134.00
Average				113.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Oct 01, 2018 to Oct 31, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Oct 31, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		2	2
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0033	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0155	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0094	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000100	0
Nickel	mg/L	1.4500		
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1080	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2018 to Nov 30, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	11/08/18	7.0	11/08/18	0.0094	11/08/18	0.00000	11/08/18	0.0031	11/08/18	0.00000
Sample #2 Date, Result							11/29/18	0.0000	11/29/18	0.00000
Sample #3 Date, Result										
Minimum		7.0		0.0094		0.0000		0.0000		0.0000
Maximum		7.0		0.0094		0.0000		0.0031		0.0000
Average		7.0		0.0094		0.0000		0.0016		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/08/18	0.10000	11/08/18	0.00960	11/08/18	0.00000	11/08/18	0.00000	11/08/18	0.1000
Sample #2 Date, Result	11/29/18	0.06700							11/29/18	0.1500
Sample #3 Date, Result										
Minimum		0.0670		0.0096		0.0000		0.0000		0.1000
Maximum		0.1000		0.0096		0.0000		0.0000		0.1500
Average		0.0835		0.0096		0.0000		0.0000		0.1250

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/08/18	0.0000	11/08/18	0.000	11/08/18	0.44	11/08/18	0.00020	11/08/18	26.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.4400		0.0002		26.0000
Maximum		0.0000		0.0000		0.4400		0.0002		26.0000
Average		0.0000		0.0000		0.4400		0.0002		26.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	11/08/18	0.4200	11/08/18	0.0800	11/08/18	0.0021	11/08/18	0.0810	11/08/18	2.1000
Sample #2 Date, Result					11/29/18	0.0000				
Sample #3 Date, Result										
Minimum		0.4200		0.0800		0.0000		0.0810		2.1000
Maximum		0.4200		0.0800		0.0021		0.0810		2.1000
Average		0.4200		0.0800		0.0011		0.0810		2.1000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	11/08/18	0.0000	11/29/18	0.00	11/08/18	220.000	11/08/18	33.00	11/08/18	980.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0000		0.0000		220.000		33.00		980.00
Maximum		0.0000		0.0000		220.000		33.00		980.00
Average		0.0000		0.0000		220.000		33.00		980.00

	TDS		TSS	
Sample #1 Date, Result	11/08/18	490.00	11/08/18	70.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				70.00
Maximum				70.00
Average				70.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Nov 01, 2018 to Nov 30, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			11/29/18	0.0000						
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum				0.0000						
Maximum				0.0000						
Average				0.0000						

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2018 to Nov 30, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0094	0
Cadmium	mg/L	0.0962	0.0000	0
Chromium	mg/L	0.4870	0.0011	0
Cobalt	mg/L	0.1240	0.0000	0
Copper	mg/L	0.3010	0.0016	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000200	0
Nickel	mg/L	1.4500	0.0096	0
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200	0.0000	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1250	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0000	0
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2018 to Dec 31, 2018

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	12/06/18	7.6	12/06/18	0.0071			12/06/18	0.0048	12/06/18	0.00000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		7.6		0.0071				0.0048		0.0000
Maximum		7.6		0.0071				0.0048		0.0000
Average		7.6		0.0071				0.0048		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result					12/06/18	0.00000	12/06/18	0.00000	12/06/18	0.1700
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.0000		0.0000		0.1700
Maximum						0.0000		0.0000		0.1700
Average						0.0000		0.0000		0.1700

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					12/06/18	0.96	12/06/18	0.00020	12/06/18	22.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.9600		0.0002		22.0000
Maximum						0.9600		0.0002		22.0000
Average						0.9600		0.0002		22.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	12/06/18	0.4100	12/06/18	0.0800	12/06/18	0.0000	12/06/18	0.0023	12/06/18	10.4000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.4100		0.0800		0.0000		0.0023		10.4000
Maximum		0.4100		0.0800		0.0000		0.0023		10.4000
Average		0.4100		0.0800		0.0000		0.0023		10.4000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result					12/06/18	160.000			12/06/18	630.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						160.000				630.00
Maximum						160.000				630.00
Average						160.000				630.00

	TDS		TSS	
Sample #1 Date, Result	12/06/18	440.00	12/06/18	158.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				158.00
Maximum				158.00
Average				158.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Dec 01, 2018 to Dec 31, 2018

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2018 to Dec 31, 2018

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0071	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0048	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000200	0
Nickel	mg/L	1.4500		
Silver	mg/L	0.0351	0.0000	0
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1700	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Jan 31, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/15/19	7.5	01/15/19	0.0097			01/15/19	0.0100	01/15/19	0.00000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		7.5		0.0097				0.0100		0.0000
Maximum		7.5		0.0097				0.0100		0.0000
Average		7.5		0.0097				0.0100		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	01/15/19	0.05100	01/15/19	0.01300			01/15/19	0.00000	01/15/19	0.2400
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0510		0.0130				0.0000		0.2400
Maximum		0.0510		0.0130				0.0000		0.2400
Average		0.0510		0.0130				0.0000		0.2400

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					01/15/19	1.10	01/15/19	0.00000	01/15/19	29.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						1.1000		0.0000		29.0000
Maximum						1.1000		0.0000		29.0000
Average						1.1000		0.0000		29.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/15/19	1.3800	01/15/19	0.0700	01/15/19	0.0000	01/15/19	0.1200	01/15/19	4.6000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		1.3800		0.0700		0.0000		0.1200		4.6000
Maximum		1.3800		0.0700		0.0000		0.1200		4.6000
Average		1.3800		0.0700		0.0000		0.1200		4.6000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result					01/15/19	23.000			01/15/19	1,200.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						23.000				1,200.00
Maximum						23.000				1,200.00
Average						23.000				1,200.00

	TDS		TSS	
Sample #1 Date, Result	01/15/19	410.00	01/15/19	140.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				140.00
Maximum				140.00
Average				140.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jan 01, 2019 to Jan 31, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Jan 31, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0097	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0100	0
Lead	mg/L	0.1720	0.0000	0
Mercury	mg/L	0.000739	0.000000	0
Nickel	mg/L	1.4500	0.0130	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.2400	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1580		
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Occtadecane	mg/L	0.9250		
2,4,6-Trico-Chlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2019 to Feb 28, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	02/25/19	7.6	02/25/19	0.0075			02/25/19	0.0051	02/25/19	0.00286
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		7.6		0.0075				0.0051		0.0029
Maximum		7.6		0.0075				0.0051		0.0029
Average		7.6		0.0075				0.0051		0.0029

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/25/19	0.03820	02/25/19	0.00859					02/25/19	0.0732
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0382		0.0086						0.0732
Maximum		0.0382		0.0086						0.0732
Average		0.0382		0.0086						0.0732

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/25/19	0.0500	02/25/19	0.050	02/25/19	1.10	02/25/19	0.00020	02/25/19	21.50
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0500		0.0500		1.1000		0.0002		21.5000
Maximum		0.0500		0.0500		1.1000		0.0002		21.5000
Average		0.0500		0.0500		1.1000		0.0002		21.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	02/25/19	0.9700	02/25/19	0.0700	02/25/19	0.0000	02/25/19	0.0990	02/25/19	29.2000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.9700		0.0700		0.0000		0.0990		29.2000
Maximum		0.9700		0.0700		0.0000		0.0990		29.2000
Average		0.9700		0.0700		0.0000		0.0990		29.2000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result									02/25/19	671.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										671.00
Maximum										671.00
Average										671.00

	TDS		TSS	
Sample #1 Date, Result			02/25/19	238.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				238.00
Maximum				238.00
Average				238.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Feb 01, 2019 to Feb 28, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Feb 01, 2019 to Feb 28, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene	mg/L		1	1
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0075	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0051	0
Lead	mg/L	0.1720	0.0029	0
Mercury	mg/L	0.000739	0.000200	0
Nickel	mg/L	1.4500	0.0086	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0732	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1580	0.0500	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0500	0
n-Occtadecane	mg/L	0.9250		
2,4,6-Trico-Chlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2019 to Mar 31, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	03/26/19	7.9	03/26/19	0.0080			03/26/19	0.0084	03/26/19	0.00125
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		7.9		0.0080				0.0084		0.0013
Maximum		7.9		0.0080				0.0084		0.0013
Average		7.9		0.0080				0.0084		0.0013

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/26/19	0.07860	03/26/19	0.01380					03/26/19	0.1560
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0786		0.0138						0.1560
Maximum		0.0786		0.0138						0.1560
Average		0.0786		0.0138						0.1560

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	03/26/19	0.1000	03/26/19	0.050	03/26/19	2.10	03/26/19	0.00040	03/26/19	59.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.1000		0.0500		2.1000		0.0004		59.0000
Maximum		0.1000		0.0500		2.1000		0.0004		59.0000
Average		0.1000		0.0500		2.1000		0.0004		59.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	03/26/19	1.2000	03/26/19	0.1100	03/26/19	0.0000	03/26/19	0.4600	03/26/19	118.0000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		1.2000		0.1100		0.0000		0.4600		118.0000
Maximum		1.2000		0.1100		0.0000		0.4600		118.0000
Average		1.2000		0.1100		0.0000		0.4600		118.0000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result									03/26/19	1,290.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										1,290.00
Maximum										1,290.00
Average										1,290.00

	TDS		TSS	
Sample #1 Date, Result			03/26/19	245.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				245.00
Maximum				245.00
Average				245.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Mar 01, 2019 to Mar 31, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Mar 01, 2019 to Mar 31, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene	mg/L		1	1
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	1
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	1	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0080	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0084	0
Lead	mg/L	0.1720	0.0013	0
Mercury	mg/L	0.000739	0.000400	0
Nickel	mg/L	1.4500	0.0138	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1560	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1580	0.1000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0500	0
n-Occtadecane	mg/L	0.9250		
2,4,6-Trico-Chlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Apr 30, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/15/19	7.5	04/15/19	0.0096			04/15/19	0.0087	04/15/19	0.00080
Sample #2 Date, Result	04/29/19	7.0	04/29/19	0.0087			04/29/19	0.0106	04/29/19	0.00149
Sample #3 Date, Result										
Minimum		7.0		0.0087				0.0087		0.0008
Maximum		7.5		0.0096				0.0106		0.0015
Average		7.3		0.0092				0.0097		0.0011

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/15/19	0.06320	04/15/19	0.01140					04/15/19	0.1320
Sample #2 Date, Result	04/29/19	0.03310	04/29/19	0.01090					04/29/19	0.1830
Sample #3 Date, Result										
Minimum		0.0331		0.0109						0.1320
Maximum		0.0632		0.0114						0.1830
Average		0.0482		0.0112						0.1575

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/15/19	0.1000	04/15/19	0.050	04/15/19	1.40	04/15/19	0.00020	04/15/19	32.70
Sample #2 Date, Result	04/29/19	0.1000	04/29/19	0.050	04/29/19	1.80	04/29/19	0.00034	04/29/19	36.20
Sample #3 Date, Result										
Minimum		0.1000		0.0500		1.4000		0.0002		32.7000
Maximum		0.1000		0.0500		1.8000		0.0003		36.2000
Average		0.1000		0.0500		1.6000		0.0003		34.4500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/15/19	0.6500	04/15/19	0.0900	04/15/19	0.0000	04/15/19	0.1300	04/15/19	44.2000
Sample #2 Date, Result	04/29/19	1.0600	04/29/19	4.0900	04/29/19	0.0000	04/29/19	0.2700	04/29/19	57.3000
Sample #3 Date, Result										
Minimum		0.6500		0.0900		0.0000		0.1300		44.2000
Maximum		1.0600		4.0900		0.0000		0.2700		57.3000
Average		0.8550		2.0900		0.0000		0.2000		50.7500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result			04/15/19	0.01					04/15/19	729.00
Sample #2 Date, Result			04/29/19	0.01					04/29/19	1,420.00
Sample #3 Date, Result										
Minimum				0.0050						729.00
Maximum				0.0050						1,420.00
Average				0.0050						1,074.50

	TDS		TSS	
Sample #1 Date, Result			04/15/19	141.00
Sample #2 Date, Result			04/29/19	196.00
Sample #3 Date, Result				
Minimum				141.00
Maximum				196.00
Average				168.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Apr 01, 2019 to Apr 30, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			04/15/19	0.0020					04/15/19	0.1000
Sample #2 Date, Result			04/29/19	0.0020					04/29/19	0.1000
Sample #3 Date, Result										
Minimum				0.0020						0.1000
Maximum				0.0020						0.1000
Average				0.0020						0.1000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					04/15/19	0.1000	04/15/19	0.1000		
Sample #2 Date, Result					04/29/19	0.1000	04/29/19	0.1000		
Sample #3 Date, Result										
Minimum						0.1000		0.1000		
Maximum						0.1000		0.1000		
Average						0.1000		0.1000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Apr 30, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	1	1
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0092	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240	0.0020	0
Copper	mg/L	0.3010	0.0097	0
Lead	mg/L	0.1720	0.0011	0
Mercury	mg/L	0.000739	0.000270	0
Nickel	mg/L	1.4500	0.0112	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1575	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.1000	0
Carbazole	mg/L	0.2230	0.1000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.1000	0
Fluoranthene	mg/L	0.3930	0.0500	0
n-Octadecane	mg/L	0.9250	0.1000	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2019 to May 31, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	05/08/19	7.3	05/08/19	0.0062			05/08/19	0.0321	05/08/19	0.01030
Sample #2 Date, Result	05/23/19	7.1	05/23/19	0.0065			05/23/19	0.0060	05/23/19	0.00198
Sample #3 Date, Result										
Minimum		7.1		0.0062				0.0060		0.0020
Maximum		7.3		0.0065				0.0321		0.0103
Average		7.2		0.0064				0.0191		0.0061

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/08/19	0.06650	05/08/19	0.03990					05/08/19	0.1860
Sample #2 Date, Result	05/23/19	0.03400	05/23/19	0.01310					05/23/19	0.2020
Sample #3 Date, Result										
Minimum		0.0340		0.0131						0.1860
Maximum		0.0665		0.0399						0.2020
Average		0.0503		0.0265						0.1940

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/08/19	0.1000	05/08/19	0.050	05/08/19	3.10	05/08/19	0.00026	05/08/19	3.60
Sample #2 Date, Result	05/23/19	0.1000	05/23/19	0.050	05/23/19	3.00	05/23/19	0.00046	05/23/19	26.60
Sample #3 Date, Result										
Minimum		0.1000		0.0500		3.0000		0.0003		3.6000
Maximum		0.1000		0.0500		3.1000		0.0005		26.6000
Average		0.1000		0.0500		3.0500		0.0004		15.1000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	05/08/19	0.5200	05/08/19	0.0600	05/08/19	0.0000	05/08/19	0.0020	05/08/19	81.0000
Sample #2 Date, Result	05/23/19	1.8500	05/23/19	0.1500	05/23/19	0.0000	05/23/19	0.6500	05/23/19	44.8000
Sample #3 Date, Result										
Minimum		0.5200		0.0600		0.0000		0.0020		44.8000
Maximum		1.8500		0.1500		0.0000		0.6500		81.0000
Average		1.1850		0.1050		0.0000		0.3260		62.9000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result									05/08/19	819.00
Sample #2 Date, Result									05/23/19	1,390.00
Sample #3 Date, Result										
Minimum										819.00
Maximum										1,390.00
Average										1,104.50

	TDS		TSS	
Sample #1 Date, Result			05/08/19	128.00
Sample #2 Date, Result			05/23/19	367.00
Sample #3 Date, Result				
Minimum				128.00
Maximum				367.00
Average				247.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

May 01, 2019 to May 31, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2019 to May 31, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene	mg/L		2	2
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	2
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0064	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0191	0
Lead	mg/L	0.1720	0.0061	0
Mercury	mg/L	0.000739	0.000360	0
Nickel	mg/L	1.4500	0.0265	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1940	0
Bis(2-ethylhexyls)phthalate	mg/L	0.1580	0.1000	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930	0.0500	0
n-Occtadecane	mg/L	0.9250		
2,4,6-Trico-Chlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2019 to Jun 30, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	06/17/19	6.5	06/13/19	0.0077	06/24/19	0.00020	06/13/19	0.0092	06/13/19	0.00000
Sample #2 Date, Result	06/24/19	6.8	06/24/19	0.0096			06/24/19	0.0088	06/24/19	0.00024
Sample #3 Date, Result										
Minimum		6.5		0.0077		0.0002		0.0088		0.0000
Maximum		6.8		0.0096		0.0002		0.0092		0.0002
Average		6.7		0.0087		0.0002		0.0090		0.0001

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/13/19	0.04410	06/13/19	0.01850					06/13/19	0.1210
Sample #2 Date, Result	06/24/19	0.02900	06/24/19	0.01690					06/24/19	0.0398
Sample #3 Date, Result										
Minimum		0.0290		0.0169						0.0398
Maximum		0.0441		0.0185						0.1210
Average		0.0366		0.0177						0.0804

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/13/19	0.0000	06/13/19	0.000	06/13/19	3.20	06/13/19	0.00000	06/13/19	56.00
Sample #2 Date, Result	06/17/19	0.1000	06/17/19	0.050	06/17/19	5.30	06/17/19	0.00010	06/17/19	43.20
Sample #3 Date, Result	06/24/19	0.1000	06/24/19	0.050	06/24/19	5.80	06/24/19	0.0001	06/24/19	43.20
Minimum		0.0000		0.0000		3.2000		0.0000		43.2000
Maximum		0.1000		0.0500		5.8000		0.0001		56.0000
Average		0.0667		0.0333		4.7667		0.0001		47.4667

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	06/13/19	0.1500	06/13/19	0.0800	06/13/19	0.0100	06/17/19	0.0550	06/13/19	5.5000
Sample #2 Date, Result	06/17/19	0.2500	06/17/19	0.0600	06/24/19	0.0100	06/24/19	0.0780	06/17/19	7.9000
Sample #3 Date, Result	06/24/19	0.2000	06/24/19	0.2300					06/24/19	16.4000
Minimum		0.1500		0.0600		0.0100		0.0550		5.5000
Maximum		0.2500		0.2300		0.0100		0.0780		16.4000
Average		0.2000		0.1233		0.0100		0.0665		9.9333

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result			06/24/19	0.01					06/13/19	430.00
Sample #2 Date, Result									06/17/19	684.00
Sample #3 Date, Result									06/24/19	658.00
Minimum				0.0050						430.00
Maximum				0.0050						684.00
Average				0.0050						590.67

	TDS		TSS	
Sample #1 Date, Result			06/13/19	39.00
Sample #2 Date, Result			06/17/19	34.00
Sample #3 Date, Result			06/24/19	26.00
Minimum				26.00
Maximum				39.00
Average				33.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jun 01, 2019 to Jun 30, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			06/24/19	0.0030					06/17/19	0.1000
Sample #2 Date, Result									06/24/19	0.1000
Sample #3 Date, Result										
Minimum				0.0030						0.1000
Maximum				0.0030						0.1000
Average				0.0030						0.1000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					06/17/19	0.1000	06/17/19	0.1000		
Sample #2 Date, Result					06/24/19	0.1000	06/24/19	0.1000		
Sample #3 Date, Result										
Minimum						0.1000		0.1000		
Maximum						0.1000		0.1000		
Average						0.1000		0.1000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2019 to Jun 30, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0087	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.4870	0.0100	0
Cobalt	mg/L	0.1240	0.0030	0
Copper	mg/L	0.3010	0.0090	0
Lead	mg/L	0.1720	0.0001	0
Mercury	mg/L	0.000739	0.000067	0
Nickel	mg/L	1.4500	0.0177	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0804	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0667	0
Carbazole	mg/L	0.2230	0.1000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.1000	0
Fluoranthene	mg/L	0.3930	0.0333	0
n-Octadecane	mg/L	0.9250	0.1000	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Jul 31, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/17/19	6.7	07/17/19	0.0104	07/17/19	0.00020	07/17/19	0.0082	07/17/19	0.00106
Sample #2 Date, Result	07/29/19	6.7	07/29/19	0.0071	07/29/19	0.00020	07/29/19	0.0147	07/29/19	0.00087
Sample #3 Date, Result										
Minimum		6.7		0.0071		0.0002		0.0082		0.0009
Maximum		6.7		0.0104		0.0002		0.0147		0.0011
Average		6.7		0.0088		0.0002		0.0115		0.0010

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/17/19	0.02610	07/17/19	0.02500					07/17/19	0.0976
Sample #2 Date, Result	07/29/19	0.02210	07/29/19	0.01750					07/29/19	0.0544
Sample #3 Date, Result										
Minimum		0.0221		0.0175						0.0544
Maximum		0.0261		0.0250						0.0976
Average		0.0241		0.0213						0.0760

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	07/17/19	0.1000	07/17/19	0.050	07/17/19	4.10	07/17/19	0.00020	07/17/19	73.50
Sample #2 Date, Result	07/29/19	0.1000	07/29/19	0.050	07/29/19	4.10	07/29/19	0.00020	07/29/19	54.40
Sample #3 Date, Result										
Minimum		0.1000		0.0500		4.1000		0.0002		54.4000
Maximum		0.1000		0.0500		4.1000		0.0002		73.5000
Average		0.1000		0.0500		4.1000		0.0002		63.9500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/17/19	1.0200	07/17/19	0.1500	07/17/19	0.0100	07/17/19	0.2700	07/17/19	22.9000
Sample #2 Date, Result	07/29/19	0.5200	07/29/19	0.3700	07/29/19	0.0200	07/29/19	0.1600	07/29/19	17.2000
Sample #3 Date, Result										
Minimum		0.5200		0.1500		0.0100		0.1600		17.2000
Maximum		1.0200		0.3700		0.0200		0.2700		22.9000
Average		0.7700		0.2600		0.0150		0.2150		20.0500

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result			07/17/19	0.01					07/17/19	1,100.00
Sample #2 Date, Result			07/29/19	0.01					07/29/19	877.00
Sample #3 Date, Result										
Minimum				0.0050						877.00
Maximum				0.0050						1,100.00
Average				0.0050						988.50

	TDS		TSS	
Sample #1 Date, Result			07/17/19	149.00
Sample #2 Date, Result			07/29/19	94.00
Sample #3 Date, Result				
Minimum				94.00
Maximum				149.00
Average				121.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jul 01, 2019 to Jul 31, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			07/17/19	0.0030					07/17/19	0.1000
Sample #2 Date, Result			07/29/19	0.0030					07/29/19	0.1000
Sample #3 Date, Result										
Minimum				0.0030						0.1000
Maximum				0.0030						0.1000
Average				0.0030						0.1000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					07/17/19	0.1000	07/17/19	0.1000		
Sample #2 Date, Result					07/29/19	0.1000	07/29/19	0.1000		
Sample #3 Date, Result										
Minimum						0.1000		0.1000		
Maximum						0.1000		0.1000		
Average						0.1000		0.1000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Jul 31, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0088	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.4870	0.0150	0
Cobalt	mg/L	0.1240	0.0030	0
Copper	mg/L	0.3010	0.0115	0
Lead	mg/L	0.1720	0.0010	0
Mercury	mg/L	0.000739	0.000200	0
Nickel	mg/L	1.4500	0.0213	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0760	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.1000	0
Carbazole	mg/L	0.2230	0.1000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.1000	0
Fluoranthene	mg/L	0.3930	0.0500	0
n-Octadecane	mg/L	0.9250	0.1000	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2019 to Aug 31, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	08/14/19	6.3	08/14/19	0.0110	08/14/19	0.00020	08/14/19	0.0122	08/14/19	0.00143
Sample #2 Date, Result	08/29/19	6.8	08/29/19	0.0132	08/29/19	0.00020	08/29/19	0.0187	08/29/19	0.00154
Sample #3 Date, Result										
Minimum		6.3		0.0110		0.0002		0.0122		0.0014
Maximum		6.8		0.0132		0.0002		0.0187		0.0015
Average		6.6		0.0121		0.0002		0.0155		0.0015

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	08/14/19	0.03060	08/14/19	0.01940					08/14/19	0.1070
Sample #2 Date, Result	08/29/19	0.03690	08/29/19	0.02180					08/29/19	0.1280
Sample #3 Date, Result										
Minimum		0.0306		0.0194						0.1070
Maximum		0.0369		0.0218						0.1280
Average		0.0338		0.0206						0.1175

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	08/14/19	0.1000	08/14/19	0.050	08/14/19	4.00	08/14/19	0.00014	08/14/19	49.80
Sample #2 Date, Result	08/29/19	0.1000	08/29/19	0.050	08/29/19	4.00	08/29/19	0.00013	08/29/19	54.90
Sample #3 Date, Result										
Minimum		0.1000		0.0500		4.0000		0.0001		49.8000
Maximum		0.1000		0.0500		4.0000		0.0001		54.9000
Average		0.1000		0.0500		4.0000		0.0001		52.3500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	08/29/19	0.8400	08/14/19	0.0600	08/14/19	0.0200	08/14/19	0.0550	08/14/19	15.6000
Sample #2 Date, Result			08/29/19	0.0900	08/29/19	0.0300	08/29/19	0.1200	08/29/19	10.6000
Sample #3 Date, Result										
Minimum		0.8400		0.0600		0.0200		0.0550		10.6000
Maximum		0.8400		0.0900		0.0300		0.1200		15.6000
Average		0.8400		0.0750		0.0250		0.0875		13.1000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result			08/14/19	0.01					08/14/19	96.10
Sample #2 Date, Result			08/29/19	0.01					08/29/19	814.00
Sample #3 Date, Result										
Minimum				0.0050						96.10
Maximum				0.0050						814.00
Average				0.0050						455.05

	TDS		TSS	
Sample #1 Date, Result			08/14/19	162.00
Sample #2 Date, Result			08/29/19	138.00
Sample #3 Date, Result				
Minimum				138.00
Maximum				162.00
Average				150.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Aug 01, 2019 to Aug 31, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			08/14/19	0.0040					08/14/19	0.1000
Sample #2 Date, Result			08/29/19	0.0040					08/29/19	0.1000
Sample #3 Date, Result										
Minimum				0.0040						0.1000
Maximum				0.0040						0.1000
Average				0.0040						0.1000

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					08/14/19	0.1000	08/14/19	0.1000		
Sample #2 Date, Result					08/29/19	0.1000	08/29/19	0.1000		
Sample #3 Date, Result										
Minimum						0.1000		0.1000		
Maximum						0.1000		0.1000		
Average						0.1000		0.1000		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Aug 01, 2019 to Aug 31, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0121	0
Cadmium	mg/L	0.0962	0.0002	0
Chromium	mg/L	0.4870	0.0250	0
Cobalt	mg/L	0.1240	0.0040	0
Copper	mg/L	0.3010	0.0155	0
Lead	mg/L	0.1720	0.0015	0
Mercury	mg/L	0.000739	0.000135	0
Nickel	mg/L	1.4500	0.0206	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1175	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.1000	0
Carbazole	mg/L	0.2230	0.1000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.1000	0
Fluoranthene	mg/L	0.3930	0.0500	0
n-Octadecane	mg/L	0.9250	0.1000	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2019 to Sep 30, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	09/12/19	6.9	09/12/19	0.0107			09/12/19	0.0085	09/12/19	0.00208
Sample #2 Date, Result	09/30/19	7.0	09/30/19	0.0046			09/30/19	0.0173	09/30/19	0.00096
Sample #3 Date, Result										
Minimum		6.9		0.0046				0.0085		0.0010
Maximum		7.0		0.0107				0.0173		0.0021
Average		7.0		0.0076				0.0129		0.0015

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/12/19	0.02700	09/12/19	0.01420					09/12/19	0.1130
Sample #2 Date, Result	09/30/19	0.03470	09/30/19	0.01500					09/30/19	0.2220
Sample #3 Date, Result										
Minimum		0.0270		0.0142						0.1130
Maximum		0.0347		0.0150						0.2220
Average		0.0309		0.0146						0.1675

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/12/19	0.2080	09/12/19	0.013	09/12/19	4.30	09/12/19	0.00021	09/12/19	45.40
Sample #2 Date, Result	09/30/19	0.0952			09/30/19	3.70	09/30/19	0.00020	09/30/19	31.50
Sample #3 Date, Result										
Minimum		0.0952		0.0130		3.7000		0.0002		31.5000
Maximum		0.2080		0.0130		4.3000		0.0002		45.4000
Average		0.1516		0.0130		4.0000		0.0002		38.4500

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	09/12/19	0.8200	09/12/19	0.0800	09/12/19	0.0100	09/12/19	0.3200	09/12/19	11.7000
Sample #2 Date, Result	09/30/19	0.5000	09/30/19	0.0800	09/30/19	0.0100	09/30/19	0.0670	09/30/19	12.3000
Sample #3 Date, Result										
Minimum		0.5000		0.0800		0.0100		0.0670		11.7000
Maximum		0.8200		0.0800		0.0100		0.3200		12.3000
Average		0.6600		0.0800		0.0100		0.1935		12.0000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result			09/12/19	0.01					09/12/19	764.00
Sample #2 Date, Result			09/30/19	0.01					09/30/19	493.00
Sample #3 Date, Result										
Minimum				0.0050						493.00
Maximum				0.0050						764.00
Average				0.0050						628.50

	TDS		TSS	
Sample #1 Date, Result			09/12/19	137.00
Sample #2 Date, Result			09/30/19	89.00
Sample #3 Date, Result				
Minimum				89.00
Maximum				137.00
Average				113.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Sep 01, 2019 to Sep 30, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result			09/12/19	0.0020					09/12/19	0.0520
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum				0.0020						0.0520
Maximum				0.0020						0.0520
Average				0.0020						0.0520

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result					09/12/19	0.0520	09/12/19	0.0520		
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum						0.0520		0.0520		
Maximum						0.0520		0.0520		
Average						0.0520		0.0520		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Sep 01, 2019 to Sep 30, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0076	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0100	0
Cobalt	mg/L	0.1240	0.0020	0
Copper	mg/L	0.3010	0.0129	0
Lead	mg/L	0.1720	0.0015	0
Mercury	mg/L	0.000739	0.000205	0
Nickel	mg/L	1.4500	0.0146	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1675	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.1516	0
Carbazole	mg/L	0.2230	0.0520	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.0520	0
Fluoranthene	mg/L	0.3930	0.0130	0
n-Octadecane	mg/L	0.9250	0.0520	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Oct 31, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/16/19	6.4	10/16/19	0.0049			10/16/19	0.0127	10/16/19	0.00032
Sample #2 Date, Result	10/29/19	6.8	10/29/19	0.0051			10/29/19	0.0091	10/29/19	0.00084
Sample #3 Date, Result										
Minimum		6.4		0.0049				0.0091		0.0003
Maximum		6.8		0.0051				0.0127		0.0008
Average		6.6		0.0050				0.0109		0.0006

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/16/19	0.02440	10/16/19	0.01210					10/16/19	0.0836
Sample #2 Date, Result	10/29/19	0.03910	10/29/19	0.01400					10/29/19	0.1320
Sample #3 Date, Result										
Minimum		0.0244		0.0121						0.0836
Maximum		0.0391		0.0140						0.1320
Average		0.0318		0.0131						0.1078

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/16/19	0.0200			10/16/19	3.30	10/16/19	0.00010	10/16/19	20.60
Sample #2 Date, Result	10/29/19	0.0200			10/29/19	2.90	10/29/19	0.00010	10/29/19	22.20
Sample #3 Date, Result										
Minimum		0.0200				2.9000		0.0001		20.6000
Maximum		0.0200				3.3000		0.0001		22.2000
Average		0.0200				3.1000		0.0001		21.4000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/16/19	0.1000	10/16/19	0.1500	10/16/19	0.0200	10/16/19	0.0780	10/16/19	5.0000
Sample #2 Date, Result	10/29/19	0.2400	10/29/19	0.0700	10/29/19	0.0100	10/29/19	0.1300	10/29/19	37.6000
Sample #3 Date, Result										
Minimum		0.1000		0.0700		0.0100		0.0780		5.0000
Maximum		0.2400		0.1500		0.0200		0.1300		37.6000
Average		0.1700		0.1100		0.0150		0.1040		21.3000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result									10/16/19	356.00
Sample #2 Date, Result									10/29/19	391.00
Sample #3 Date, Result										
Minimum										356.00
Maximum										391.00
Average										373.50

	TDS		TSS	
Sample #1 Date, Result			10/16/19	28.00
Sample #2 Date, Result			10/29/19	130.00
Sample #3 Date, Result				
Minimum				28.00
Maximum				130.00
Average				79.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Oct 01, 2019 to Oct 31, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Oct 31, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0050	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0150	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0109	0
Lead	mg/L	0.1720	0.0006	0
Mercury	mg/L	0.000739	0.000100	0
Nickel	mg/L	1.4500	0.0131	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1078	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0200	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2019 to Nov 30, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	11/06/19	7.0	11/06/19	0.0050			11/06/19	0.0046	11/06/19	0.00071
Sample #2 Date, Result	11/21/19	7.3	11/21/19	0.0077			11/21/19	0.0064	11/21/19	0.00088
Sample #3 Date, Result										
Minimum		7.0		0.0050				0.0046		0.0007
Maximum		7.3		0.0077				0.0064		0.0009
Average		7.2		0.0063				0.0055		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/06/19	0.03720	11/06/19	0.01110					11/06/19	0.1010
Sample #2 Date, Result	11/21/19	0.03900	11/21/19	0.01290					11/21/19	0.1240
Sample #3 Date, Result										
Minimum		0.0372		0.0111						0.1010
Maximum		0.0390		0.0129						0.1240
Average		0.0381		0.0120						0.1125

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/06/19	0.0200			11/06/19	2.10	11/06/19	0.00010	11/06/19	0.40
Sample #2 Date, Result	11/21/19	0.0200			11/21/19	2.60	11/21/19	0.00016	11/21/19	17.00
Sample #3 Date, Result										
Minimum		0.0200				2.1000		0.0001		0.4000
Maximum		0.0200				2.6000		0.0002		17.0000
Average		0.0200				2.3500		0.0001		8.7000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	11/06/19	0.3000	11/06/19	0.0600	11/06/19	0.0000	11/06/19	0.1200	11/21/19	20.0000
Sample #2 Date, Result	11/21/19	1.2100	11/21/19	0.1000	11/21/19	0.0000	11/21/19	0.0950		
Sample #3 Date, Result										
Minimum		0.3000		0.0600		0.0000		0.0950		20.0000
Maximum		1.2100		0.1000		0.0000		0.1200		20.0000
Average		0.7550		0.0800		0.0000		0.1075		20.0000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result									11/06/19	397.00
Sample #2 Date, Result									11/21/19	636.00
Sample #3 Date, Result										
Minimum										397.00
Maximum										636.00
Average										516.50

	TDS		TSS	
Sample #1 Date, Result			11/06/19	73.00
Sample #2 Date, Result			11/21/19	117.00
Sample #3 Date, Result				
Minimum				73.00
Maximum				117.00
Average				95.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Nov 01, 2019 to Nov 30, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Nov 01, 2019 to Nov 30, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0063	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0055	0
Lead	mg/L	0.1720	0.0008	0
Mercury	mg/L	0.000739	0.000130	0
Nickel	mg/L	1.4500	0.0120	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1125	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0200	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2019 to Dec 31, 2019

Industry Name: *Safety Kleen Systems*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	12/10/19	7.4	12/10/19	0.0109			12/10/19	0.0062	12/10/19	0.00264
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		7.4		0.0109				0.0062		0.0026
Maximum		7.4		0.0109				0.0062		0.0026
Average		7.4		0.0109				0.0062		0.0026

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	12/10/19	0.01950	12/10/19	0.01160					12/10/19	0.0842
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0195		0.0116						0.0842
Maximum		0.0195		0.0116						0.0842
Average		0.0195		0.0116						0.0842

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	12/10/19	0.0200			12/10/19	2.70	12/10/19	0.00012	12/10/19	34.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0200				2.7000		0.0001		34.0000
Maximum		0.0200				2.7000		0.0001		34.0000
Average		0.0200				2.7000		0.0001		34.0000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	12/10/19	0.5400	12/10/19	0.0900	12/10/19	0.0000	12/10/19	0.1300	12/10/19	9.6000
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.5400		0.0900		0.0000		0.1300		9.6000
Maximum		0.5400		0.0900		0.0000		0.1300		9.6000
Average		0.5400		0.0900		0.0000		0.1300		9.6000

	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result									12/10/19	679.00
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										679.00
Maximum										679.00
Average										679.00

	TDS		TSS	
Sample #1 Date, Result			12/10/19	143.00
Sample #2 Date, Result				
Sample #3 Date, Result				
Minimum				143.00
Maximum				143.00
Average				143.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Dec 01, 2019 to Dec 31, 2019

Industry Name: *Safety Kleen Systems*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Dec 01, 2019 to Dec 31, 2019

Industry Name: *Safety Kleen Systems*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0109	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0000	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0062	0
Lead	mg/L	0.1720	0.0026	0
Mercury	mg/L	0.000739	0.000120	0
Nickel	mg/L	1.4500	0.0116	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.0842	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0200	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Annual Summary Data for #951 U.S. Gypsum

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/11/16	7.8	01/11/16	0.0000	03/14/16	0.0000	01/11/16	0.0240	01/11/16	0.0028
Sample #2 Date, Result	02/08/16	7.1	02/16/16	0.0000			02/16/16	0.0160	02/16/16	0.0000
Sample #3 Date, Result	02/16/16	7.0	03/01/16	0.0000			03/01/16	0.0400	03/01/16	0.0000
Minimum		7.0		0.0000		0.0000		0.0160		0.0000
Maximum		7.8		0.0000		0.0000		0.0400		0.0028
Average		7.3		0.0000		0.0000		0.0267		0.0009

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/14/16	0.0027	03/14/16	0.0021	01/11/16	0.0000	01/11/16	0.0000	03/14/16	0.0730
Sample #2 Date, Result					02/16/16	0.0000	02/16/16	0.0000		
Sample #3 Date, Result					03/01/16	0.0000	03/01/16	0.0000		
Minimum		0.0027		0.0021		0.0000		0.0000		0.0730
Maximum		0.0027		0.0021		0.0000		0.0000		0.0730
Average		0.0027		0.0021		0.0000		0.0000		0.0730

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result			03/14/16	0.0000	01/11/16	0.3600	03/14/16	0.0000	01/11/16	3.6000
Sample #2 Date, Result					02/16/16	0.3000			02/16/16	3.7000
Sample #3 Date, Result					03/01/16	0.2200			03/01/16	5.6000
Minimum				0.0000		0.2200		0.0000		3.6000
Maximum				0.0000		0.3600		0.0000		5.6000
Average				0.0000		0.2933		0.0000		4.3000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/11/16	1.5000	03/14/16	0.0200	03/14/16	0.0043	01/11/16	0.0273	01/11/16	9.4000
Sample #2 Date, Result	02/16/16	4.0000					02/08/16	0.0012	02/16/16	0.0000
Sample #3 Date, Result	03/01/16	6.2000					02/16/16	0.0017	03/01/16	6.2000
Minimum		1.5000		0.0200		0.0043		0.0012		0.0000
Maximum		6.2000		0.0200		0.0043		0.0273		9.4000
Average		3.9000		0.0200		0.0043		0.0101		5.2000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	03/14/16	0.0000	03/14/16	46.00	01/11/16	160.00	01/11/16	600.00	01/11/16	350.00
Sample #2 Date, Result					02/16/16	330.00	02/16/16	530.00	02/16/16	460.00
Sample #3 Date, Result					03/01/16	1,100.00	03/01/16	460.00	03/01/16	2,200.00
Minimum		0.0000		46.00		160.00		460.00		350.00
Maximum		0.0000		46.00		1,100.00		600.00		2,200.00
Average		0.0000		46.00		530.00		530.00		1,003.33

	Sulfate	
Sample #1 Date, Result	01/11/16	150.000
Sample #2 Date, Result	02/16/16	140.000
Sample #3 Date, Result	03/01/16	160.000
Minimum		140.000
Maximum		160.000
Average		150.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2016 to Mar 31, 2016

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	1	1
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/11/16	7.2	04/11/16	0.0000	06/13/16	0.0000	04/28/16	0.0150	04/11/16	0.0000
Sample #2 Date, Result	04/28/16	7.4	04/28/16	0.0000			05/18/16	0.0075	04/28/16	0.0026
Sample #3 Date, Result	05/17/16	7.5	05/18/16	0.0041			06/13/16	0.0073	05/18/16	0.0000
Minimum		7.2		0.0000		0.0000		0.0073		0.0000
Maximum		7.5		0.0041		0.0000		0.0150		0.0026
Average		7.4		0.0014		0.0000		0.0099		0.0009

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/13/16	0.0031	06/13/16	0.0000	04/28/16	0.0000	04/11/16	0.0000	04/11/16	0.0450
Sample #2 Date, Result					05/18/16	0.0000	04/28/16	0.0000	06/13/16	0.0320
Sample #3 Date, Result					06/13/16	0.0000	05/18/16	0.0000		
Minimum		0.0031		0.0000		0.0000		0.0000		0.0320
Maximum		0.0031		0.0000		0.0000		0.0000		0.0450
Average		0.0031		0.0000		0.0000		0.0000		0.0385

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/13/16	0.0410	06/13/16	0.0000	04/11/16	0.3100	06/13/16	0.0000	04/11/16	2.8000
Sample #2 Date, Result					04/28/16	0.2900			04/28/16	4.2000
Sample #3 Date, Result					05/18/16	0.5200			05/18/16	3.0000
Minimum		0.0410		0.0000		0.2900		0.0000		2.8000
Maximum		0.0410		0.0000		0.5200		0.0000		4.2000
Average		0.0410		0.0000		0.3733		0.0000		3.3333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/11/16	1.2000	06/13/16	0.0600	06/13/16	0.0016	04/11/16	0.0041	04/11/16	2.4000
Sample #2 Date, Result	04/28/16	1.3000					04/28/16	0.0022	04/28/16	2.2000
Sample #3 Date, Result	05/18/16	1.0000					05/17/16	0.0018	05/17/16	0.0000
Minimum		1.0000		0.0600		0.0016		0.0018		0.0000
Maximum		1.3000		0.0600		0.0016		0.0041		2.4000
Average		1.1667		0.0600		0.0016		0.0027		1.5333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	06/13/16	0.0400	06/13/16	97.00	04/11/16	69.00	04/11/16	550.00	04/11/16	710.00
Sample #2 Date, Result	06/30/16	0.3000			04/28/16	110.00	04/28/16	420.00	04/28/16	330.00
Sample #3 Date, Result					05/18/16	130.00	05/18/16	660.00	05/18/16	280.00
Minimum		0.0400		97.00		69.00		420.00		280.00
Maximum		0.3000		97.00		130.00		660.00		710.00
Average		0.1700		97.00		103.00		543.33		440.00

	Sulfate	
Sample #1 Date, Result	04/11/16	120.000
Sample #2 Date, Result	04/28/16	69.000
Sample #3 Date, Result	05/18/16	170.000
Minimum		69.000
Maximum		170.000
Average		119.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2016 to Jun 30, 2016

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Sep 30, 2016

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/25/16	7.2	07/25/16	0.0069	09/12/16	0.0000	07/25/16	0.0096	07/25/16	0.0000
Sample #2 Date, Result	08/16/16	7.1	08/16/16	0.0050			08/16/16	0.0057	08/16/16	0.0000
Sample #3 Date, Result	09/12/16	7.5	09/12/16	0.0000			09/12/16	0.0055	09/12/16	0.0000
Minimum		7.1		0.0000		0.0000		0.0055		0.0000
Maximum		7.5		0.0069		0.0000		0.0096		0.0000
Average		7.3		0.0040		0.0000		0.0069		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/12/16	0.0021	09/12/16	0.0000	07/25/16	0.0000	07/25/16	0.0000	09/12/16	0.0330
Sample #2 Date, Result					08/16/16	0.0000	08/16/16	0.0000		
Sample #3 Date, Result					09/12/16	0.0000	09/12/16	0.0000		
Minimum		0.0021		0.0000		0.0000		0.0000		0.0330
Maximum		0.0021		0.0000		0.0000		0.0000		0.0330
Average		0.0021		0.0000		0.0000		0.0000		0.0330

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/12/16	0.0400	09/12/16	0.0000	07/25/16	0.5800	09/12/16	0.0000	07/25/16	3.6000
Sample #2 Date, Result					08/16/16	0.5100			08/16/16	5.1000
Sample #3 Date, Result					09/12/16	0.3000			09/12/16	4.8000
Minimum		0.0400		0.0000		0.3000		0.0000		3.6000
Maximum		0.0400		0.0000		0.5800		0.0000		5.1000
Average		0.0400		0.0000		0.4633		0.0000		4.5000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/25/16	1.2800	09/12/16	0.0000	09/12/16	0.0000	07/25/16	0.0000	07/25/16	42.9000
Sample #2 Date, Result	08/16/16	1.3600					08/16/16	0.0019	08/16/16	2.6000
Sample #3 Date, Result	09/12/16	0.1200					09/13/16	0.0024	09/13/16	0.0000
Minimum		0.1200		0.0000		0.0000		0.0000		0.0000
Maximum		1.3600		0.0000		0.0000		0.0024		42.9000
Average		0.9200		0.0000		0.0000		0.0014		15.1667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	07/25/16	0.1000	09/12/16	110.00	07/25/16	380.00	07/25/16	950.00	07/25/16	610.00
Sample #2 Date, Result	08/16/16	0.0000			08/16/16	360.00	08/16/16	700.00	08/16/16	1,200.00
Sample #3 Date, Result	09/12/16	0.0600			09/12/16	190.00	09/12/16	530.00	09/12/16	180.00
Minimum		0.0000		110.00		190.00		530.00		180.00
Maximum		0.1000		110.00		380.00		950.00		1,200.00
Average		0.0533		110.00		310.00		726.67		663.33

	Sulfate	
Sample #1 Date, Result	07/25/16	490.000
Sample #2 Date, Result	08/16/16	200.000
Sample #3 Date, Result	09/12/16	110.000
Minimum		110.000
Maximum		490.000
Average		266.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2016 to Sep 30, 2016

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/06/16	7.1	10/06/16	0.0000	10/06/16	0.0000	10/06/16	0.0082	10/06/16	0.0000
Sample #2 Date, Result	11/15/16	7.5	11/15/16	0.0000			11/15/16	0.0140	11/15/16	0.0000
Sample #3 Date, Result	12/12/16	8.7	12/12/16	0.0000			12/12/16	0.0170	12/12/16	0.0000
Minimum		7.1		0.0000		0.0000		0.0082		0.0000
Maximum		8.7		0.0000		0.0000		0.0170		0.0000
Average		7.8		0.0000		0.0000		0.0131		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/06/16	0.0030	10/06/16	0.0013	10/06/16	0.0000	10/06/16	0.0000	10/06/16	0.0430
Sample #2 Date, Result					11/15/16	0.0000	11/15/16	0.0000		
Sample #3 Date, Result					12/12/16	0.0000	12/12/16	0.0000		
Minimum		0.0030		0.0013		0.0000		0.0000		0.0430
Maximum		0.0030		0.0013		0.0000		0.0000		0.0430
Average		0.0030		0.0013		0.0000		0.0000		0.0430

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/06/16	0.0190	10/06/16	0.0000	10/06/16	0.2700	10/06/16	0.0001	10/06/16	3.9000
Sample #2 Date, Result					11/15/16	0.2100			11/15/16	5.9000
Sample #3 Date, Result					12/12/16	0.6200			12/12/16	3.9000
Minimum		0.0190		0.0000		0.2100		0.0001		3.9000
Maximum		0.0190		0.0000		0.6200		0.0001		5.9000
Average		0.0190		0.0000		0.3667		0.0001		4.5667

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/06/16	1.4100	10/06/16	0.0000	10/06/16	0.0013	10/06/16	0.0042	10/06/16	0.0000
Sample #2 Date, Result	11/15/16	0.3600					11/15/16	0.0013	11/15/16	2.3000
Sample #3 Date, Result	12/12/16	2.2800					12/12/16	0.0008	12/12/16	3.4000
Minimum		0.3600		0.0000		0.0013		0.0008		0.0000
Maximum		2.2800		0.0000		0.0013		0.0042		3.4000
Average		1.3500		0.0000		0.0013		0.0021		1.9000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	10/06/16	0.0000	10/06/16	32.00	10/06/16	170.00	10/06/16	480.00	10/06/16	530.00
Sample #2 Date, Result	11/15/16	0.0000			11/15/16	210.00	11/15/16	410.00	11/15/16	920.00
Sample #3 Date, Result	12/12/16	0.0000			12/12/16	420.00	12/12/16	970.00	12/12/16	390.00
Minimum		0.0000		32.00		170.00		410.00		390.00
Maximum		0.0000		32.00		420.00		970.00		920.00
Average		0.0000		32.00		266.67		620.00		613.33

	Sulfate	
Sample #1 Date, Result	10/06/16	130.000
Sample #2 Date, Result	11/15/16	96.000
Sample #3 Date, Result	12/12/16	280.000
Minimum		96.000
Maximum		280.000
Average		168.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2016 to Dec 31, 2016

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/05/17	7.7	01/05/17	0.0000	03/02/17	0.0003	01/05/17	0.0150	01/05/17	0.0000
Sample #2 Date, Result	01/31/17	7.7	01/31/17	0.0000			01/31/17	0.0064	01/31/17	0.0000
Sample #3 Date, Result	02/14/17	7.5	02/14/17	0.0039			02/14/17	0.0049	02/14/17	0.0000
Minimum		7.5		0.0000		0.0003		0.0049		0.0000
Maximum		7.7		0.0039		0.0003		0.0150		0.0000
Average		7.6		0.0013		0.0003		0.0088		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/02/17	0.0026	03/02/17	0.0024	01/05/17	0.0000	01/05/17	0.0000	03/02/17	0.1300
Sample #2 Date, Result					01/31/17	0.0000	01/31/17	0.0000		
Sample #3 Date, Result					02/14/17	0.0000	02/14/17	0.0000		
Minimum		0.0026		0.0024		0.0000		0.0000		0.1300
Maximum		0.0026		0.0024		0.0000		0.0000		0.1300
Average		0.0026		0.0024		0.0000		0.0000		0.1300

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	03/02/17	0.0230	03/02/17	0.0000	01/05/17	0.1800	03/02/17	0.0000	01/05/17	4.3000
Sample #2 Date, Result					01/31/17	0.2200			01/31/17	2.2000
Sample #3 Date, Result					02/14/17	0.1800			02/14/17	3.8000
Minimum		0.0230		0.0000		0.1800		0.0000		2.2000
Maximum		0.0230		0.0000		0.2200		0.0000		4.3000
Average		0.0230		0.0000		0.1933		0.0000		3.4333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/05/17	0.5100	03/02/17	0.0200	03/02/17	0.0047	01/05/17	0.0044	01/05/17	2.4000
Sample #2 Date, Result	01/31/17	1.5200					01/31/17	0.0092	01/31/17	2.6000
Sample #3 Date, Result	02/14/17	1.5600					02/14/17	0.0014	02/14/17	2.4000
Minimum		0.5100		0.0200		0.0047		0.0014		2.4000
Maximum		1.5600		0.0200		0.0047		0.0092		2.6000
Average		1.1967		0.0200		0.0047		0.0050		2.4667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	01/05/17	0.1000	03/02/17	150.00	01/05/17	170.00	01/05/17	310.00	01/05/17	330.00
Sample #2 Date, Result	01/31/17	0.0000			01/31/17	140.00	01/31/17	350.00	01/31/17	340.00
Sample #3 Date, Result	02/14/17	0.0000			02/14/17	150.00	02/14/17	300.00	02/14/17	330.00
Minimum		0.0000		150.00		140.00		300.00		330.00
Maximum		0.1000		150.00		170.00		350.00		340.00
Average		0.0333		150.00		153.33		320.00		333.33

	Sulfate	
Sample #1 Date, Result	01/05/17	63.000
Sample #2 Date, Result	01/31/17	65.000
Sample #3 Date, Result	02/14/17	80.000
Minimum		63.000
Maximum		80.000
Average		69.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2017 to Mar 31, 2017

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*

***If not specified, the unit is in mg/L*

# of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/03/17	7.4	04/03/17	0.0094	06/15/17	0.0000	04/03/17	0.0000	04/03/17	0.0023
Sample #2 Date, Result	04/25/17	7.5	04/25/17	0.0000			04/25/17	0.0150	04/25/17	0.0000
Sample #3 Date, Result	05/16/17	7.4	05/16/17	0.0000			05/16/17	0.0200	05/16/17	0.0000
Minimum		7.4		0.0000		0.0000		0.0000		0.0000
Maximum		7.5		0.0094		0.0000		0.0200		0.0023
Average		7.4		0.0031		0.0000		0.0117		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/15/17	0.0025	06/15/17	0.0000	04/03/17	0.0000	04/03/17	0.0000	06/15/17	0.0220
Sample #2 Date, Result					04/25/17	0.0000	04/25/17	0.0000		
Sample #3 Date, Result					05/16/17	0.0000	05/16/17	0.0000		
Minimum		0.0025		0.0000		0.0000		0.0000		0.0220
Maximum		0.0025		0.0000		0.0000		0.0000		0.0220
Average		0.0025		0.0000		0.0000		0.0000		0.0220

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/15/17	0.0260	06/15/17	0.0000	04/03/17	0.2500	06/15/17	0.0000	04/03/17	6.4000
Sample #2 Date, Result					04/25/17	0.3000			04/25/17	5.4000
Sample #3 Date, Result					05/16/17	0.6100			05/16/17	4.5000
Minimum		0.0260		0.0000		0.2500		0.0000		4.5000
Maximum		0.0260		0.0000		0.6100		0.0000		6.4000
Average		0.0260		0.0000		0.3867		0.0000		5.4333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/03/17	4.3800	06/15/17	0.0000	06/15/17	0.0023	04/03/17	0.0047	04/03/17	2.8000
Sample #2 Date, Result	04/25/17	2.7600					04/25/17	0.0018	04/25/17	4.3000
Sample #3 Date, Result	05/16/17	3.9000					05/16/17	0.0027	05/16/17	2.3000
Minimum		2.7600		0.0000		0.0023		0.0018		2.3000
Maximum		4.3800		0.0000		0.0023		0.0047		4.3000
Average		3.6800		0.0000		0.0023		0.0031		3.1333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/03/17	0.0000	06/15/17	37.00	04/03/17	550.00	04/03/17	190.00	04/03/17	760.00
Sample #2 Date, Result	04/25/17	0.5800			04/25/17	400.00	04/25/17	250.00	04/25/17	1,000.00
Sample #3 Date, Result	05/16/17	0.1200			05/16/17	760.00	05/16/17	850.00	05/16/17	1,500.00
Minimum		0.0000		37.00		400.00		190.00		760.00
Maximum		0.5800		37.00		760.00		850.00		1,500.00
Average		0.2333		37.00		570.00		430.00		1,086.67

	Sulfate	
Sample #1 Date, Result	04/03/17	110.000
Sample #2 Date, Result	04/25/17	110.000
Sample #3 Date, Result	05/16/17	440.000
Minimum		110.000
Maximum		440.000
Average		220.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2017 to Jun 30, 2017

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/13/17	7.4	07/13/17	0.0000	09/07/17	0.0000	07/13/17	0.0070	07/13/17	0.0000
Sample #2 Date, Result	07/25/17	7.3	07/25/17	0.0000			07/25/17	0.0031	07/25/17	0.0000
Sample #3 Date, Result	08/15/17	8.1	08/15/17	0.0053			08/15/17	0.0120	08/15/17	0.0000
Minimum		7.3		0.0000		0.0000		0.0031		0.0000
Maximum		8.1		0.0053		0.0000		0.0120		0.0000
Average		7.6		0.0018		0.0000		0.0074		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/07/17	0.0053	09/07/17	0.0013	07/13/17	0.0000	07/13/17	0.0000	09/07/17	0.0760
Sample #2 Date, Result					07/25/17	0.0000	07/25/17	0.0000		
Sample #3 Date, Result					08/15/17	0.0000	08/15/17	0.0000		
Minimum		0.0053		0.0013		0.0000		0.0000		0.0760
Maximum		0.0053		0.0013		0.0000		0.0000		0.0760
Average		0.0053		0.0013		0.0000		0.0000		0.0760

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/07/17	0.0120	09/07/17	0.0000	07/13/17	0.3300	09/07/17	0.0000	07/13/17	5.1000
Sample #2 Date, Result					07/25/17	0.2700			07/25/17	5.6000
Sample #3 Date, Result					08/15/17	0.6400			08/15/17	22.0000
Minimum		0.0120		0.0000		0.2700		0.0000		5.1000
Maximum		0.0120		0.0000		0.6400		0.0000		22.0000
Average		0.0120		0.0000		0.4133		0.0000		10.9000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/13/17	4.9300	09/07/17	0.0500	09/07/17	0.0007	07/13/17	0.0066	07/13/17	3.9000
Sample #2 Date, Result	07/25/17	2.7200					07/25/17	0.0007	07/25/17	2.5000
Sample #3 Date, Result	08/15/17	13.9000					08/15/17	0.0045	08/15/17	3.4000
Minimum		2.7200		0.0500		0.0007		0.0007		2.5000
Maximum		13.9000		0.0500		0.0007		0.0066		3.9000
Average		7.1833		0.0500		0.0007		0.0039		3.2667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	07/13/17	0.0000	09/07/17	71.00	07/13/17	420.00	07/13/17	600.00	07/13/17	570.00
Sample #2 Date, Result	07/25/17	0.0000			07/25/17	200.00	07/25/17	480.00	07/25/17	400.00
Sample #3 Date, Result	08/31/17	0.0000			08/15/17	1,400.00	08/15/17	1,200.00	08/15/17	1,400.00
Minimum		0.0000		71.00		200.00		480.00		400.00
Maximum		0.0000		71.00		1,400.00		1,200.00		1,400.00
Average		0.0000		71.00		673.33		760.00		790.00

	Sulfate	
Sample #1 Date, Result	07/13/17	170.000
Sample #2 Date, Result	07/25/17	110.000
Sample #3 Date, Result	08/15/17	85.000
Minimum		85.000
Maximum		170.000
Average		121.667

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2017 to Sep 30, 2017

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 30, 2017

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/11/17	7.2	10/11/17	0.0040	11/06/17	0.0000	10/11/17	0.0052	10/11/17	0.0000
Sample #2 Date, Result	10/23/17	7.4	10/23/17	0.0036			10/23/17	0.0057	10/23/17	0.0000
Sample #3 Date, Result	11/21/17	7.4	11/06/17	0.0096			11/06/17	0.0077	11/06/17	0.0000
Minimum		7.2		0.0036		0.0000		0.0052		0.0000
Maximum		7.4		0.0096		0.0000		0.0077		0.0000
Average		7.3		0.0057		0.0000		0.0062		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/06/17	0.0100	11/06/17	0.0016	10/11/17	0.0000	10/11/17	0.0000	11/06/17	0.0780
Sample #2 Date, Result					10/23/17	0.0000	10/23/17	0.0000		
Sample #3 Date, Result					11/06/17	0.0000	11/06/17	0.0000		
Minimum		0.0100		0.0016		0.0000		0.0000		0.0780
Maximum		0.0100		0.0016		0.0000		0.0000		0.0780
Average		0.0100		0.0016		0.0000		0.0000		0.0780

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/06/17	0.0210	11/06/17	0.0000	10/11/17	0.3600	11/06/17	0.0000	10/11/17	9.7000
Sample #2 Date, Result					10/23/17	0.4100			10/23/17	3.0000
Sample #3 Date, Result					11/06/17	0.9200			11/06/17	9.2000
Minimum		0.0210		0.0000		0.3600		0.0000		3.0000
Maximum		0.0210		0.0000		0.9200		0.0000		9.7000
Average		0.0210		0.0000		0.5633		0.0000		7.3000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/11/17	1.0200	11/06/17	0.0000	11/06/17	0.0010	10/11/17	0.0000	10/11/17	1.7000
Sample #2 Date, Result	10/23/17	1.0300					10/23/17	0.0022	10/23/17	3.3000
Sample #3 Date, Result	11/06/17	4.2000					11/06/17	0.0044	11/06/17	11.4000
Minimum		1.0200		0.0000		0.0010		0.0000		1.7000
Maximum		4.2000		0.0000		0.0010		0.0044		11.4000
Average		2.0833		0.0000		0.0010		0.0022		5.4667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	10/11/17	0.0300	11/06/17	110.00	10/11/17	85.00	10/11/17	520.00	10/11/17	81.00
Sample #2 Date, Result	11/06/17	0.0000			10/23/17	48.00	10/23/17	640.00	10/23/17	24.00
Sample #3 Date, Result	11/21/17	0.0000			11/06/17	250.00	11/06/17	1,500.00	11/06/17	170.00
Minimum		0.0000		110.00		48.00		520.00		24.00
Maximum		0.0300		110.00		250.00		1,500.00		170.00
Average		0.0100		110.00		127.67		886.67		91.67

	Sulfate	
Sample #1 Date, Result	10/11/17	170.000
Sample #2 Date, Result	10/23/17	140.000
Sample #3 Date, Result	11/06/17	500.000
Minimum		140.000
Maximum		500.000
Average		270.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2017 to Dec 30, 2017

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/31/18	7.9	01/31/18	0.0036	03/01/18	0.0001	01/31/18	0.0089	01/31/18	0.0000
Sample #2 Date, Result	02/15/18	7.5	02/15/18	0.0051			02/15/18	0.0170	02/15/18	0.0000
Sample #3 Date, Result	03/01/18	7.5	03/01/18	0.0000			03/01/18	0.0120	03/01/18	0.0000
Minimum		7.5		0.0000		0.0001		0.0089		0.0000
Maximum		7.9		0.0051		0.0001		0.0170		0.0000
Average		7.6		0.0029		0.0001		0.0126		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	03/01/18	0.0000	03/01/18	0.0000	01/31/18	0.0000	01/31/18	0.0000	03/01/18	0.0680
Sample #2 Date, Result					02/15/18	0.0000	02/15/18	0.0000		
Sample #3 Date, Result					03/01/18	0.0000	03/01/18	0.0000		
Minimum		0.0000		0.0000		0.0000		0.0000		0.0680
Maximum		0.0000		0.0000		0.0000		0.0000		0.0680
Average		0.0000		0.0000		0.0000		0.0000		0.0680

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	03/01/18	0.0000	03/01/18	0.0000	01/31/18	0.7300	03/01/18	0.0001	01/31/18	36.0000
Sample #2 Date, Result					02/15/18	0.3100			02/15/18	28.0000
Sample #3 Date, Result					03/01/18	0.6000			03/01/18	21.0000
Minimum		0.0000		0.0000		0.3100		0.0001		21.0000
Maximum		0.0000		0.0000		0.7300		0.0001		36.0000
Average		0.0000		0.0000		0.5467		0.0001		28.3333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/31/18	5.3700	03/01/18	0.0400	03/01/18	0.0000	01/31/18	0.0008	01/31/18	11.2000
Sample #2 Date, Result	02/15/18	4.6800					02/15/18	0.0054	02/15/18	5.7000
Sample #3 Date, Result	03/01/18	2.0500					03/01/18	0.0012	03/01/18	7.9000
Minimum		2.0500		0.0400		0.0000		0.0008		5.7000
Maximum		5.3700		0.0400		0.0000		0.0054		11.2000
Average		4.0333		0.0400		0.0000		0.0024		8.2667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	01/31/18	0.0200	03/01/18	89.00	01/31/18	260.00	01/31/18	1,400.00	01/31/18	53.00
Sample #2 Date, Result	02/15/18	0.1000			02/15/18	1,300.00	02/15/18	2,100.00	02/15/18	550.00
Sample #3 Date, Result	03/01/18	0.0000			03/01/18	370.00	03/01/18	1,000.00	03/01/18	58.00
Minimum		0.0000		89.00		260.00		1,000.00		53.00
Maximum		0.1000		89.00		1,300.00		2,100.00		550.00
Average		0.0400		89.00		643.33		1,500.00		220.33

	Sulfate	
Sample #1 Date, Result	01/31/18	430.000
Sample #2 Date, Result	02/15/18	460.000
Sample #3 Date, Result	03/01/18	230.000
Minimum		230.000
Maximum		460.000
Average		373.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2018 to Mar 31, 2018

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/02/18	8.1	04/02/18	0.0000	06/07/18	0.0000	04/02/18	0.0093	04/02/18	0.0000
Sample #2 Date, Result	05/15/18	8.0	05/15/18	0.0000			05/15/18	0.0140	05/15/18	0.0000
Sample #3 Date, Result	06/07/18	8.2	06/07/18	0.0000			06/07/18	0.0048	06/07/18	0.0000
Minimum		8.0		0.0000		0.0000		0.0048		0.0000
Maximum		8.2		0.0000		0.0000		0.0140		0.0000
Average		8.1		0.0000		0.0000		0.0094		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/07/18	0.0088	06/07/18	0.0000	04/02/18	0.0000	04/02/18	0.0000	06/07/18	0.0270
Sample #2 Date, Result					05/15/18	0.0000	05/15/18	0.0000		
Sample #3 Date, Result					06/07/18	0.0000	06/07/18	0.0000		
Minimum		0.0088		0.0000		0.0000		0.0000		0.0270
Maximum		0.0088		0.0000		0.0000		0.0000		0.0270
Average		0.0088		0.0000		0.0000		0.0000		0.0270

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/07/18	0.0000	06/07/18	0.0000	04/02/18	0.5500	06/07/18	0.0000	04/02/18	44.0000
Sample #2 Date, Result					05/15/18	0.7100			05/15/18	31.0000
Sample #3 Date, Result					06/07/18	1.0000			06/07/18	16.0000
Minimum		0.0000		0.0000		0.5500		0.0000		16.0000
Maximum		0.0000		0.0000		1.0000		0.0000		44.0000
Average		0.0000		0.0000		0.7533		0.0000		30.3333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/02/18	7.6100	06/07/18	0.0000	06/07/18	0.0000	04/02/18	0.0000	04/02/18	6.2000
Sample #2 Date, Result	05/15/18	4.3200					05/15/18	0.0018	05/15/18	1.9000
Sample #3 Date, Result	06/07/18	17.2000					06/07/18	0.0000	06/07/18	1.5000
Minimum		4.3200		0.0000		0.0000		0.0000		1.5000
Maximum		17.2000		0.0000		0.0000		0.0018		6.2000
Average		9.7100		0.0000		0.0000		0.0006		3.2000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	05/15/18	0.0000	06/07/18	41.00	04/02/18	300.00	04/02/18	1,200.00	04/02/18	160.00
Sample #2 Date, Result	06/07/18	0.0100			05/15/18	310.00	05/15/18	1,400.00	05/15/18	120.00
Sample #3 Date, Result					06/07/18	110.00	06/07/18	1,800.00	06/07/18	27.00
Minimum		0.0000		41.00		110.00		1,200.00		27.00
Maximum		0.0100		41.00		310.00		1,800.00		160.00
Average		0.0050		41.00		240.00		1,466.67		102.33

	Sulfate	
Sample #1 Date, Result	04/02/18	260.000
Sample #2 Date, Result	05/15/18	500.000
Sample #3 Date, Result	06/07/18	540.000
Minimum		260.000
Maximum		540.000
Average		433.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/12/18	7.9	07/12/18	0.0000	09/06/18	0.0000	07/12/18	0.0120	07/12/18	0.0000
Sample #2 Date, Result	08/30/18	8.0	08/30/18	0.0000			08/30/18	0.0065	08/30/18	0.0000
Sample #3 Date, Result	09/06/18	7.8	09/06/18	0.0000			09/06/18	0.0087	09/06/18	0.0000
Minimum		7.8		0.0000		0.0000		0.0065		0.0000
Maximum		8.0		0.0000		0.0000		0.0120		0.0000
Average		7.9		0.0000		0.0000		0.0091		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	09/06/18	0.0000	09/06/18	0.0011	07/12/18	0.0000	07/12/18	0.0000	09/06/18	0.0760
Sample #2 Date, Result					08/30/18	0.0000	08/30/18	0.0000		
Sample #3 Date, Result					09/06/18	0.0000	09/06/18	0.0000		
Minimum		0.0000		0.0011		0.0000		0.0000		0.0760
Maximum		0.0000		0.0011		0.0000		0.0000		0.0760
Average		0.0000		0.0011		0.0000		0.0000		0.0760

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	09/06/18	0.0000	09/06/18	0.0000	07/12/18	0.5700	08/30/18	0.0000	07/12/18	46.0000
Sample #2 Date, Result					08/30/18	0.7700	09/06/18	0.0000	08/30/18	41.0000
Sample #3 Date, Result					09/06/18	0.8000			09/06/18	19.0000
Minimum		0.0000		0.0000		0.5700		0.0000		19.0000
Maximum		0.0000		0.0000		0.8000		0.0000		46.0000
Average		0.0000		0.0000		0.7133		0.0000		35.3333

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/12/18	6.8400	09/06/18	0.0000	09/06/18	0.0011	07/12/18	0.0056	07/12/18	9.6000
Sample #2 Date, Result	08/30/18	4.6800							08/30/18	0.0000
Sample #3 Date, Result	09/06/18	3.5200							09/06/18	3.5000
Minimum		3.5200		0.0000		0.0011		0.0056		0.0000
Maximum		6.8400		0.0000		0.0011		0.0056		9.6000
Average		5.0133		0.0000		0.0011		0.0056		4.3667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	09/06/18	0.0000	09/06/18	200.00	07/12/18	230.00	07/12/18	1,100.00	07/12/18	62.00
Sample #2 Date, Result					08/30/18	130.00	08/30/18	1,300.00	08/30/18	39.00
Sample #3 Date, Result					09/06/18	380.00	09/06/18	1,300.00	09/06/18	60.00
Minimum		0.0000		200.00		130.00		1,100.00		39.00
Maximum		0.0000		200.00		380.00		1,300.00		62.00
Average		0.0000		200.00		246.67		1,233.33		53.67

	Sulfate	
Sample #1 Date, Result	07/12/18	230.000
Sample #2 Date, Result	08/30/18	340.000
Sample #3 Date, Result	09/06/18	430.000
Minimum		230.000
Maximum		430.000
Average		333.333

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2018 to Sep 30, 2018

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/02/18	7.9	10/02/18	0.0085	11/06/18	0.0000	10/02/18	0.0088	10/02/18	0.0000
Sample #2 Date, Result	11/06/18	8.2	11/06/18	0.0000			11/06/18	0.0089	11/06/18	0.0000
Sample #3 Date, Result	11/28/18	7.9	11/28/18	0.0000			11/28/18	0.0210	11/28/18	0.0000
Minimum		7.9		0.0000		0.0000		0.0088		0.0000
Maximum		8.2		0.0085		0.0000		0.0210		0.0000
Average		8.0		0.0028		0.0000		0.0129		0.0000

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	11/06/18	0.0000	11/06/18	0.0015	10/02/18	0.0000	10/02/18	0.0000	11/06/18	0.0660
Sample #2 Date, Result					11/06/18	0.0000	11/06/18	0.0000		
Sample #3 Date, Result					11/28/18	0.0000	11/28/18	0.0000		
Minimum		0.0000		0.0015		0.0000		0.0000		0.0660
Maximum		0.0000		0.0015		0.0000		0.0000		0.0660
Average		0.0000		0.0015		0.0000		0.0000		0.0660

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	11/06/18	0.0000	11/06/18	0.0000	10/02/18	0.8100	11/06/18	0.0000	10/02/18	28.0000
Sample #2 Date, Result					11/06/18	0.4400	11/28/18	0.0000	11/06/18	45.0000
Sample #3 Date, Result					11/28/18	0.5600			11/28/18	40.0000
Minimum		0.0000		0.0000		0.4400		0.0000		28.0000
Maximum		0.0000		0.0000		0.8100		0.0000		45.0000
Average		0.0000		0.0000		0.6033		0.0000		37.6667

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/02/18	3.4000	11/06/18	0.1000	11/06/18	0.0000	10/02/18	0.0030	10/02/18	8.2000
Sample #2 Date, Result	11/06/18	5.4800					11/06/18	0.0042	11/06/18	3.6000
Sample #3 Date, Result	11/28/18	5.3800					11/28/18	0.0017	11/28/18	2.9000
Minimum		3.4000		0.1000		0.0000		0.0017		2.9000
Maximum		5.4800		0.1000		0.0000		0.0042		8.2000
Average		4.7533		0.1000		0.0000		0.0030		4.9000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	11/06/18	0.0000	11/06/18	160.00	10/02/18	710.00	10/02/18	1,600.00	10/02/18	217.00
Sample #2 Date, Result					11/06/18	390.00	11/06/18	940.00	11/06/18	86.00
Sample #3 Date, Result					11/28/18	830.00	11/28/18	1,300.00	11/28/18	38.20
Minimum		0.0000		160.00		390.00		940.00		38.20
Maximum		0.0000		160.00		830.00		1,600.00		217.00
Average		0.0000		160.00		643.33		1,280.00		113.73

	Sulfate	
Sample #1 Date, Result	10/02/18	510.000
Sample #2 Date, Result	11/06/18	220.000
Sample #3 Date, Result	11/28/18	380.000
Minimum		220.000
Maximum		510.000
Average		370.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2018 to Dec 31, 2018

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	01/24/19	7.8	01/24/19	0.0069	02/25/19	0.0002	01/24/19	0.0110	01/24/19	0.0000
Sample #2 Date, Result	02/25/19	8.1	02/25/19	0.0027			02/25/19	0.0070	02/25/19	0.0004
Sample #3 Date, Result	03/07/19	7.9	03/07/19	0.0017			03/07/19	0.0082	03/07/19	0.0004
Minimum		7.8		0.0017		0.0002		0.0070		0.0000
Maximum		8.1		0.0069		0.0002		0.0110		0.0004
Average		7.9		0.0038		0.0002		0.0087		0.0002

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	02/25/19	0.0049	02/25/19	0.0178	01/24/19	0.0000	01/24/19	0.0000	02/25/19	0.0342
Sample #2 Date, Result	03/07/19	0.0030	03/07/19	0.0042					03/07/19	0.0578
Sample #3 Date, Result	03/25/19	0.0068	03/25/19	0.0073					03/25/19	0.0889
Minimum		0.0030		0.0042		0.0000		0.0000		0.0342
Maximum		0.0068		0.0178		0.0000		0.0000		0.0889
Average		0.0049		0.0098		0.0000		0.0000		0.0603

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	02/25/19	0.0500			01/24/19	1.3000	02/25/19	0.0001	01/24/19	1.0000
Sample #2 Date, Result	03/07/19	0.0500			02/25/19	0.7000	03/07/19	0.0001	02/25/19	16.0000
Sample #3 Date, Result	03/25/19	0.1000			03/07/19	0.4000	03/25/19	0.0001	03/07/19	21.3000
Minimum		0.0500				0.4000		0.0001		1.0000
Maximum		0.1000				1.3000		0.0001		21.3000
Average		0.0667				0.8000		0.0001		12.7667

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	01/24/19	0.9500	02/25/19	0.0700	02/25/19	0.0000	01/24/19	0.0036	01/24/19	1.8000
Sample #2 Date, Result	02/25/19	3.0500	03/07/19	0.0500	03/07/19	0.0000	02/25/19	0.0019	02/25/19	8.4000
Sample #3 Date, Result	03/07/19	4.1700	03/25/19	0.0600	03/25/19	0.0000	03/07/19	0.0005	03/07/19	5.0000
Minimum		0.9500		0.0500		0.0000		0.0005		1.8000
Maximum		4.1700		0.0700		0.0000		0.0036		8.4000
Average		2.7233		0.0600		0.0000		0.0020		5.0667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			02/25/19	60.00	01/24/19	130.00	01/24/19	1,900.00	01/24/19	180.00
Sample #2 Date, Result					02/25/19	159.00			02/25/19	16.00
Sample #3 Date, Result					03/07/19	372.00			03/07/19	113.00
Minimum				60.00		130.00		1,900.00		16.00
Maximum				60.00		372.00		1,900.00		180.00
Average				60.00		220.33		1,900.00		103.00

	Sulfate	
Sample #1 Date, Result	01/24/19	730.000
Sample #2 Date, Result	02/25/19	210.000
Sample #3 Date, Result		
Minimum		210.000
Maximum		730.000
Average		470.000

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jan 01, 2019 to Mar 31, 2019

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/15/19	7.9	04/15/19	0.0034	06/20/19	0.0002	04/15/19	0.0080	04/15/19	0.0004
Sample #2 Date, Result	04/22/19	7.9	04/22/19	0.0029			04/22/19	0.0131	04/22/19	0.0005
Sample #3 Date, Result	05/21/19	7.1	05/21/19	0.0052			05/21/19	0.0101	05/21/19	0.0015
Minimum		7.1		0.0029		0.0002		0.0080		0.0004
Maximum		7.9		0.0052		0.0002		0.0131		0.0015
Average		7.6		0.0038		0.0002		0.0104		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/15/19	0.0050	04/15/19	0.0048					04/15/19	0.0377
Sample #2 Date, Result	04/22/19	0.0143	04/22/19	0.0082					04/22/19	0.0768
Sample #3 Date, Result	05/21/19	0.0098	05/21/19	0.0079					05/21/19	0.0992
Minimum		0.0050		0.0048						0.0377
Maximum		0.0143		0.0082						0.0992
Average		0.0097		0.0070						0.0712

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/15/19	0.0200			04/15/19	0.6000	04/15/19	0.0001	04/15/19	17.6000
Sample #2 Date, Result	04/22/19	0.0500			04/22/19	0.1000	04/22/19	0.0001	04/22/19	37.7000
Sample #3 Date, Result	05/21/19	0.0500			05/21/19	0.9000	05/21/19	0.0001	05/21/19	6.3300
Minimum		0.0200				0.1000		0.0001		6.3300
Maximum		0.0500				0.9000		0.0001		37.7000
Average		0.0400				0.5333		0.0001		20.5433

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/15/19	3.0500	04/15/19	0.1400	04/15/19	0.0000	04/15/19	0.0034	04/15/19	11.5000
Sample #2 Date, Result	04/22/19	7.5200	04/22/19	0.1100	04/22/19	0.0000	04/22/19	0.0025	04/22/19	8.1000
Sample #3 Date, Result	05/21/19	3.4600	05/21/19	0.0700	05/21/19	0.0000	05/21/19	0.0055	05/21/19	14.8000
Minimum		3.0500		0.0700		0.0000		0.0025		8.1000
Maximum		7.5200		0.1400		0.0000		0.0055		14.8000
Average		4.6767		0.1067		0.0000		0.0038		11.4667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					04/15/19	179.00			04/15/19	49.00
Sample #2 Date, Result					04/22/19	207.00			04/22/19	53.00
Sample #3 Date, Result					05/21/19	197.00			05/21/19	30.00
Minimum						179.00				30.00
Maximum						207.00				53.00
Average						194.33				44.00

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2019 to Jun 30, 2019

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	07/11/19	7.7	07/11/19	0.0043	07/11/19	0.0002	07/11/19	0.0110	07/11/19	0.0014
Sample #2 Date, Result	07/24/19	7.4	07/24/19	0.0014			07/24/19	0.0079	07/24/19	0.0012
Sample #3 Date, Result	08/20/19	7.5	08/20/19	0.0089			08/20/19	0.0100	08/20/19	0.0010
Minimum		7.4		0.0014		0.0002		0.0079		0.0010
Maximum		7.7		0.0089		0.0002		0.0110		0.0014
Average		7.5		0.0049		0.0002		0.0096		0.0012

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	07/11/19	0.0076	07/11/19	0.0074					07/11/19	0.1020
Sample #2 Date, Result	07/24/19	0.0099	07/24/19	0.0071					07/24/19	0.1000
Sample #3 Date, Result	08/20/19	0.0089	08/20/19	0.0060					08/20/19	0.0314
Minimum		0.0076		0.0060						0.0314
Maximum		0.0099		0.0074						0.1020
Average		0.0088		0.0068						0.0778

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	07/11/19	0.0050			07/11/19	0.8000	07/11/19	0.0001	07/11/19	25.4000
Sample #2 Date, Result	07/24/19	0.0500			07/24/19	0.9000	07/24/19	0.0002	07/24/19	5.3100
Sample #3 Date, Result	08/20/19	0.0500			08/20/19	0.9000	08/20/19	0.0001	08/20/19	13.5000
Minimum		0.0050				0.8000		0.0001		5.3100
Maximum		0.0500				0.9000		0.0002		25.4000
Average		0.0350				0.8667		0.0001		14.7367

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	07/11/19	4.0800	07/11/19	0.0500	07/11/19	0.0000	07/11/19	0.0004	07/11/19	5.0000
Sample #2 Date, Result	07/24/19	3.9300	07/24/19	0.0500	07/24/19	0.0000	07/24/19	0.0023	07/24/19	19.2000
Sample #3 Date, Result	09/12/19	4.8700	08/20/19	0.0500	08/20/19	0.0000	08/20/19	0.0006	08/20/19	22.4000
Minimum		3.9300		0.0500		0.0000		0.0004		5.0000
Maximum		4.8700		0.0500		0.0000		0.0023		22.4000
Average		4.2933		0.0500		0.0000		0.0011		15.5333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					07/11/19	230.00			07/11/19	44.00
Sample #2 Date, Result					07/24/19	288.00			07/24/19	61.00
Sample #3 Date, Result					08/20/19	209.00			08/20/19	33.00
Minimum						209.00				33.00
Maximum						288.00				61.00
Average						242.33				46.00

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jul 01, 2019 to Sep 30, 2019

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Dec 31, 2019

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	10/23/19	6.8	10/23/19	0.0002	12/10/19	0.0002	10/23/19	0.0232	10/23/19	0.0008
Sample #2 Date, Result	11/21/19	7.5	11/21/19	0.0018			11/21/19	0.0071	11/21/19	0.0026
Sample #3 Date, Result	12/10/19	7.5	12/10/19	0.0024			12/10/19	0.0075	12/10/19	0.0022
Minimum		6.8		0.0002		0.0002		0.0071		0.0008
Maximum		7.5		0.0024		0.0002		0.0232		0.0026
Average		7.3		0.0014		0.0002		0.0126		0.0018

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	10/23/19	0.0039	10/23/19	0.0118					10/23/19	0.0787
Sample #2 Date, Result	11/21/19	0.0041	11/21/19	0.0050					11/21/19	0.0433
Sample #3 Date, Result	12/10/19	0.0042	12/10/19	0.0065					12/10/19	0.0418
Minimum		0.0039		0.0050						0.0418
Maximum		0.0042		0.0118						0.0787
Average		0.0040		0.0078						0.0546

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	10/23/19	0.0500			10/23/19	0.7000	10/23/19	0.0002	10/23/19	17.8000
Sample #2 Date, Result	11/21/19	0.0500			11/21/19	0.8000	11/21/19	0.0001	11/21/19	15.0000
Sample #3 Date, Result	12/10/19	0.0500			12/10/19	0.9000	12/10/19	0.0001	12/10/19	27.7000
Minimum		0.0500				0.7000		0.0001		15.0000
Maximum		0.0500				0.9000		0.0002		27.7000
Average		0.0500				0.8000		0.0001		20.1667

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	10/23/19	266.0000	10/23/19	0.0900	10/23/19	0.0000	10/23/19	0.0087	10/23/19	13.7000
Sample #2 Date, Result	11/21/19	3.2700	11/21/19	0.0600	11/21/19	0.0000	11/21/19	0.0000	11/21/19	24.1000
Sample #3 Date, Result	12/10/19	4.2900	12/10/19	0.1100	12/10/19	0.0000	12/10/19	0.0031	12/10/19	5.0000
Minimum		3.2700		0.0600		0.0000		0.0000		5.0000
Maximum		266.0000		0.1100		0.0000		0.0087		24.1000
Average		91.1867		0.0867		0.0000		0.0039		14.2667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result					10/23/19	599.00			10/23/19	82.00
Sample #2 Date, Result					11/21/19	273.00			11/21/19	32.00
Sample #3 Date, Result					12/10/19	450.00			12/10/19	37.00
Minimum						273.00				32.00
Maximum						599.00				82.00
Average						440.67				50.33

	Sulfate	
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Oct 01, 2019 to Dec 31, 2019

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	1	1
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**Site Specific Limit*
***If not specified, the unit is in mg/L*
# of Violations and # of TRC Violations based upon 2018 adopted Local Limits
Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

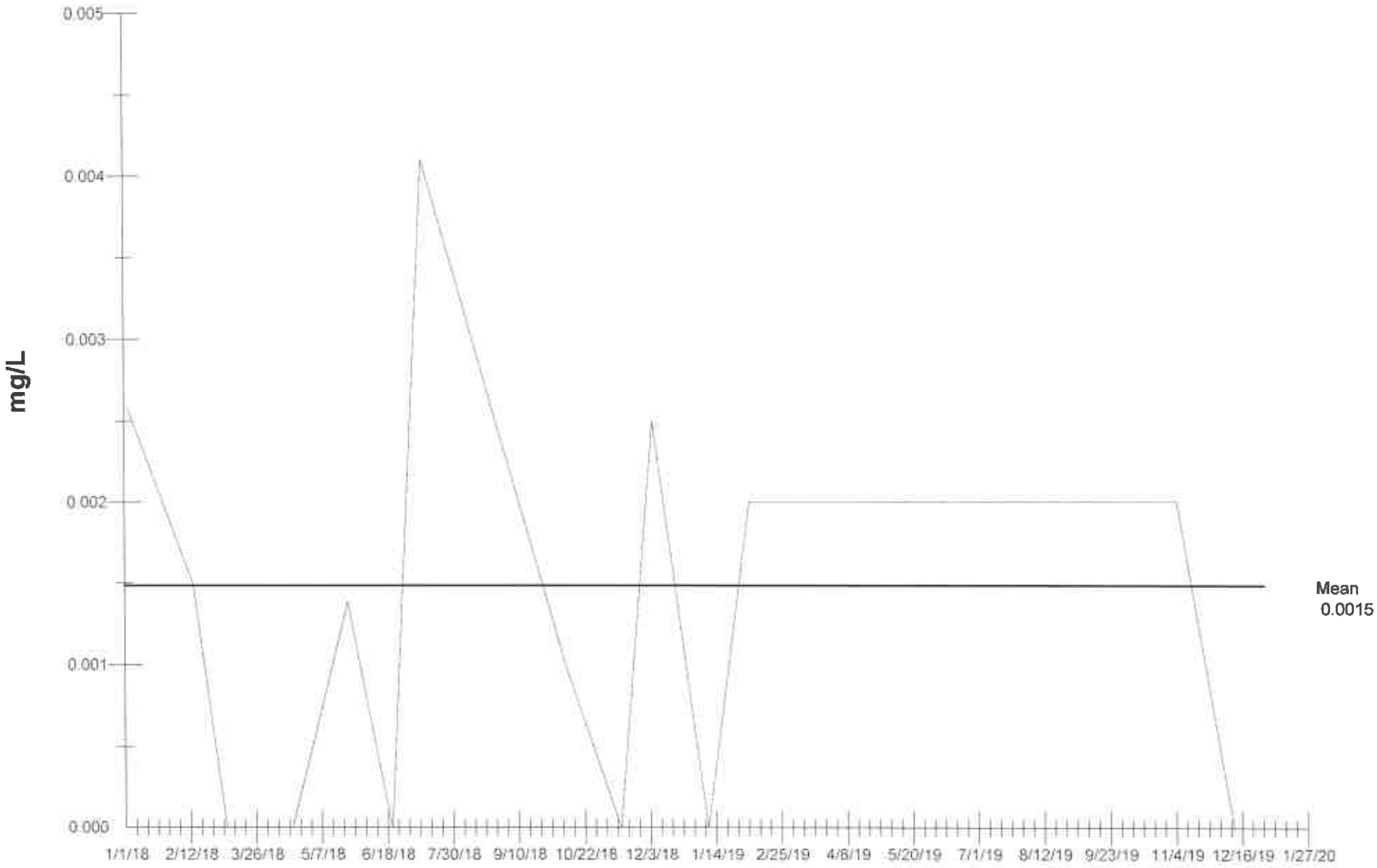
Site Specifc Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Attachment D

2018 – 2020 CN Results for SIUs

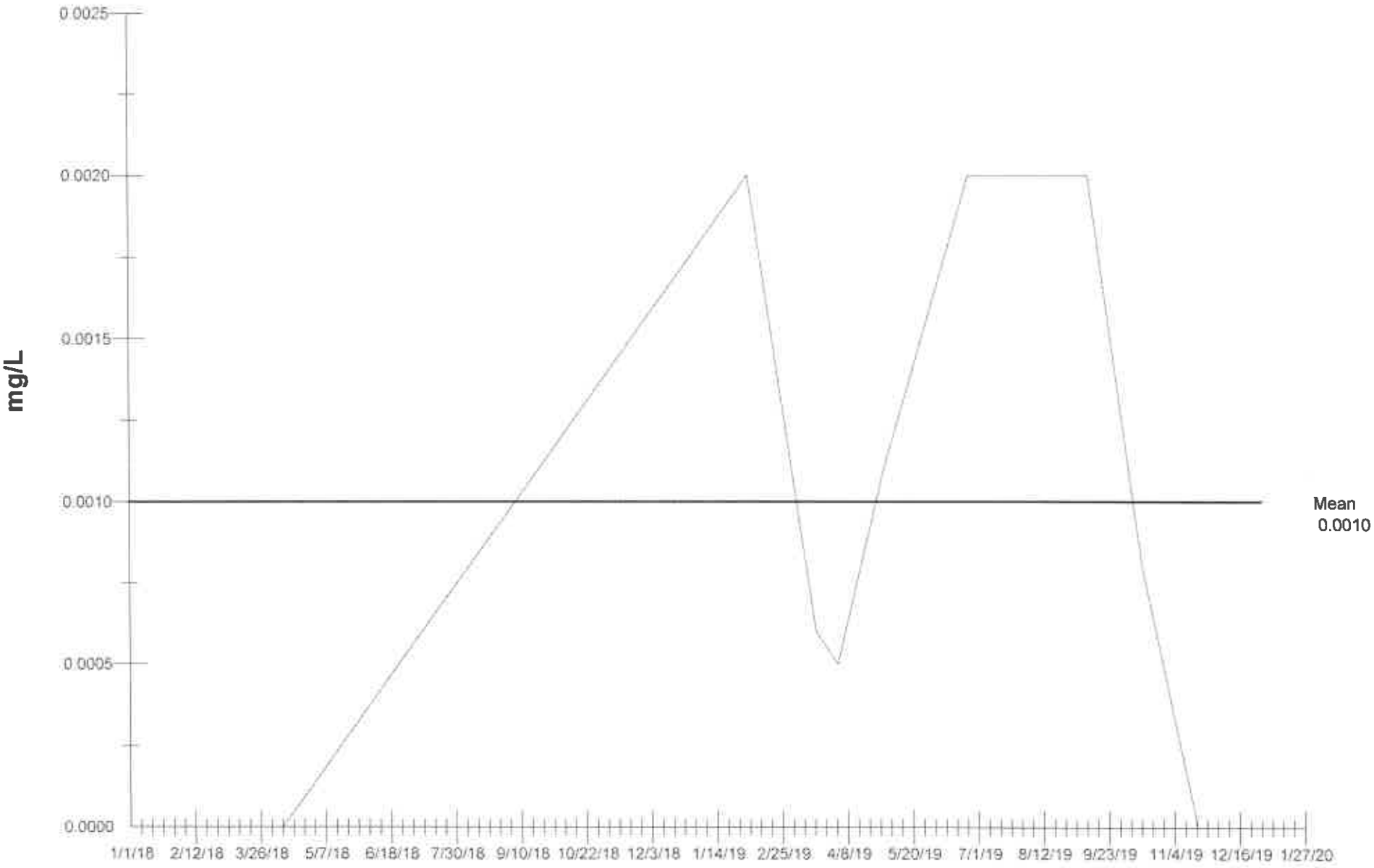
#312 Electric Coatings CN 2018 - 2020



Date (1/1/2018 to 12/31/2019)

WIMS (East Chicago Sanitary District)

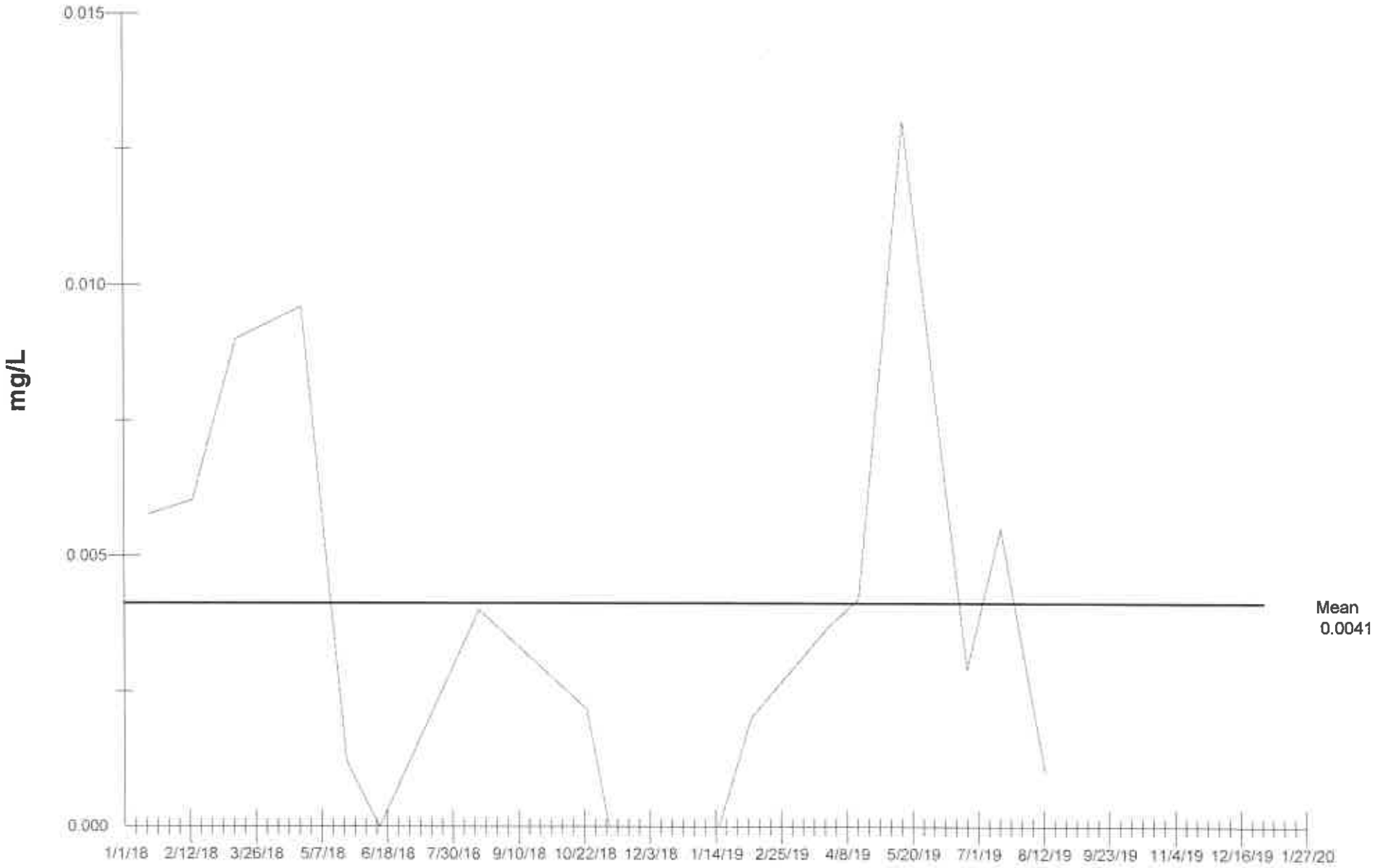
#401 WR Grace CN 2018 - 2020



Date (1/1/2018 to 12/31/2019)

WIMS (East Chicago Sanitary District)

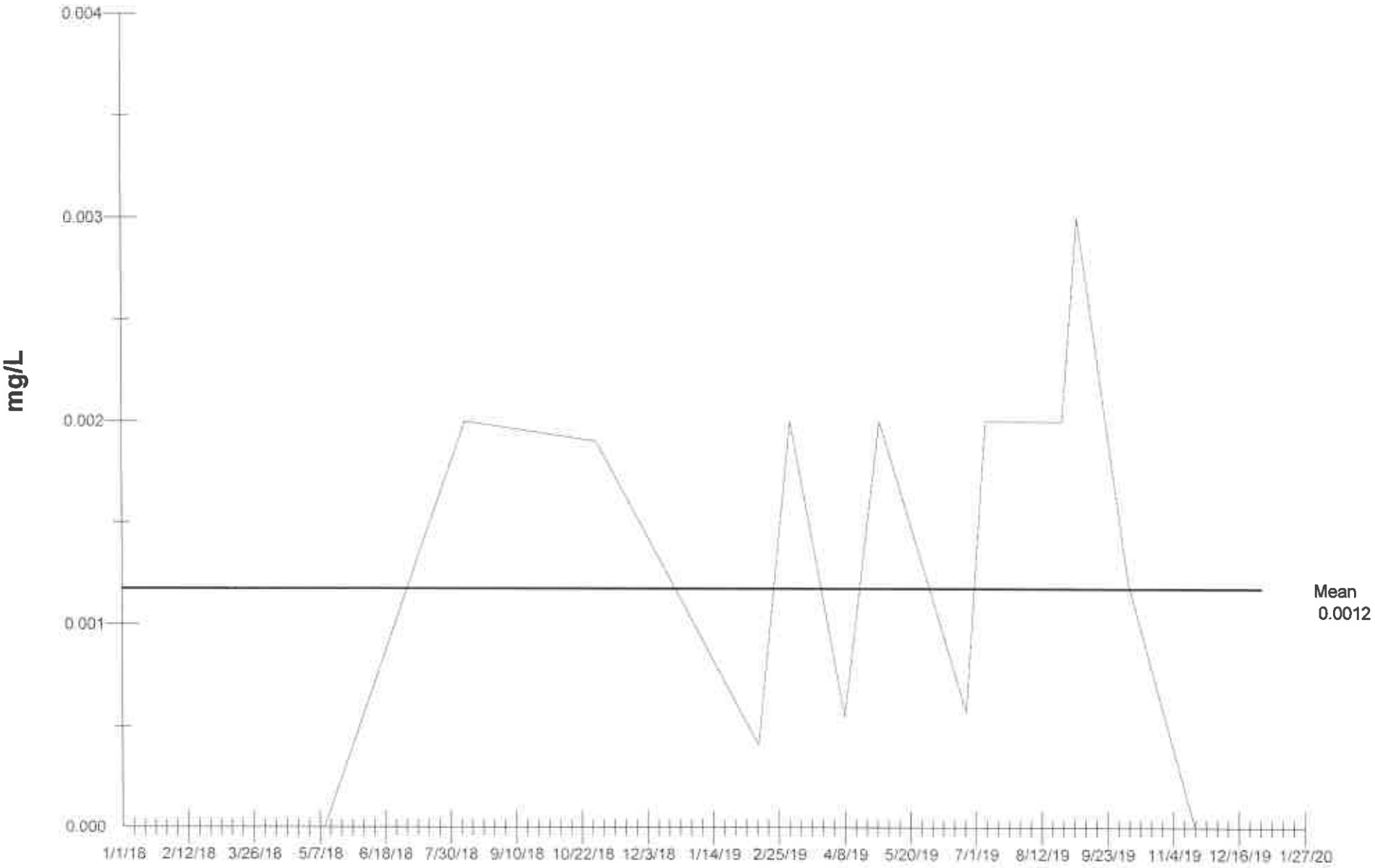
#415 TAC East CN 2018 - 2020



Date (1/1/2018 to 12/31/2019)

WIMS (East Chicago Sanitary District)

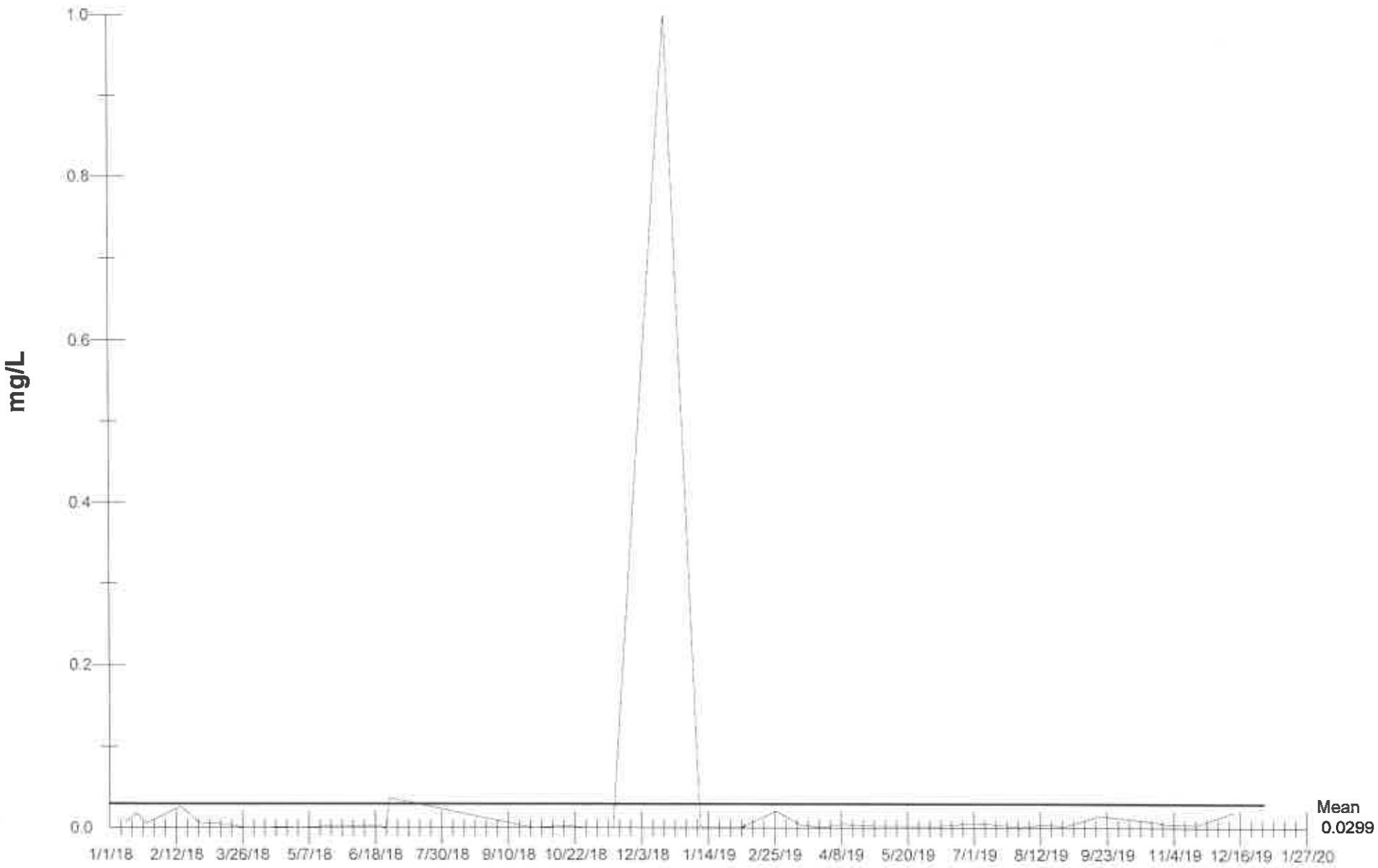
#514 National Processing CN 2018 - 2020



Date (1/1/2018 to 12/31/2019)

WIMS (East Chicago Sanitary District)

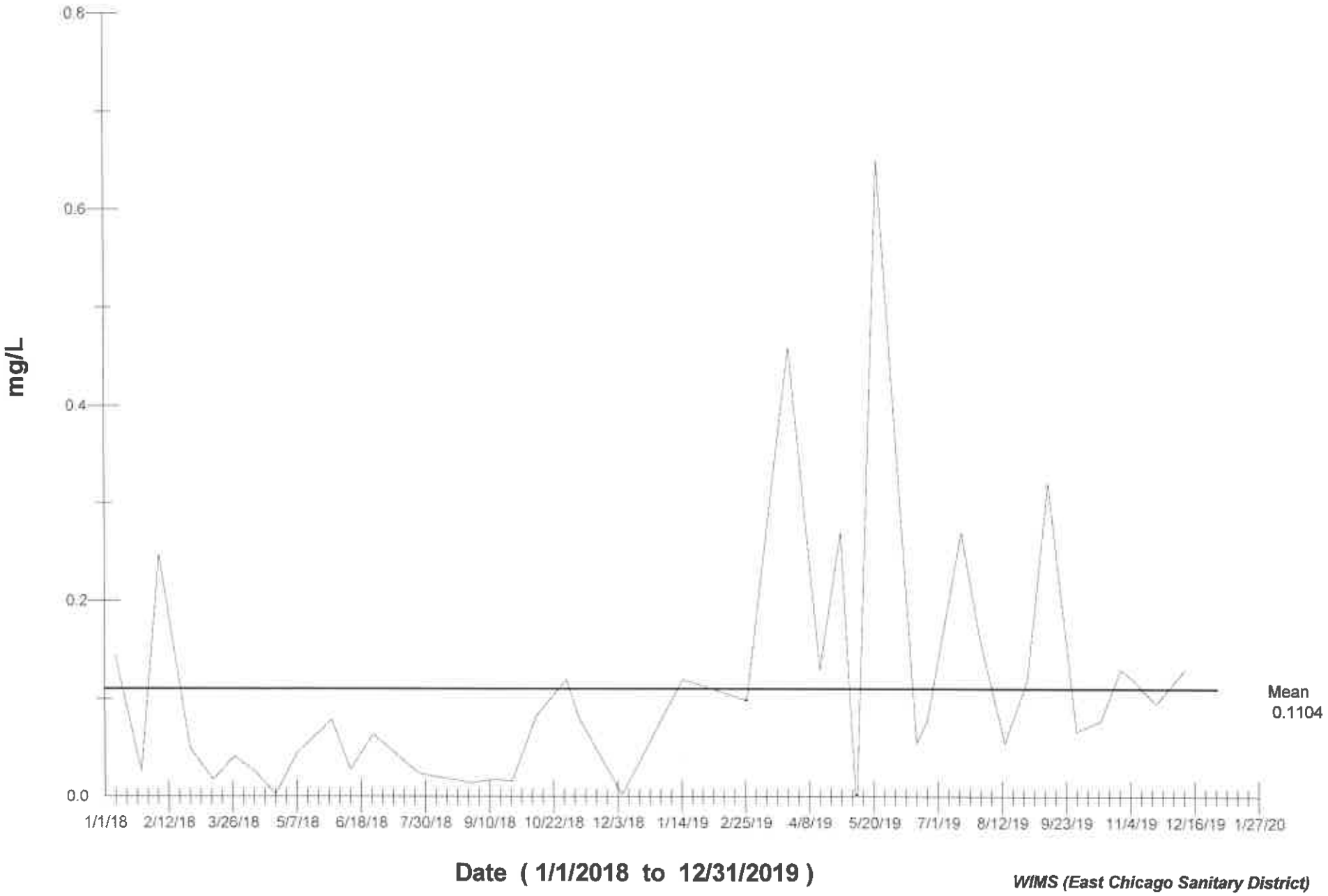
#521 Lakeshore Railcar CN 2018 - 2020



Date (1/1/2018 to 12/31/2019)

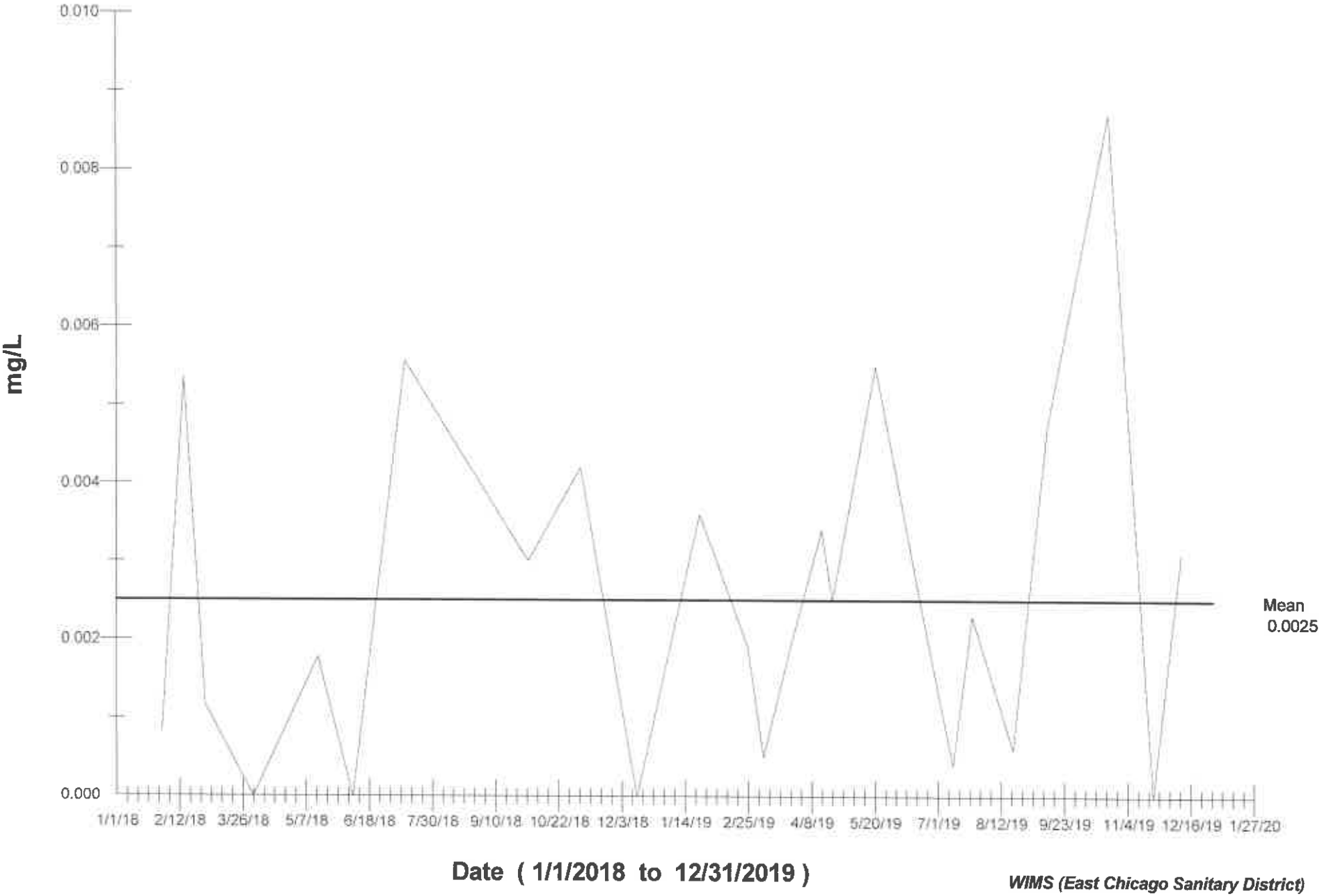
WIMS (East Chicago Sanitary District)

#901 Safety Kleen CN 2018 - 2020



WIMS (East Chicago Sanitary District)

#951 US Gypsum CN 2018 - 2020



WIMS (East Chicago Sanitary District)