CITY OF EAST CHICAGO
Anthony Copeland, Mayor

East Chicago Sanitary District
Kenneth L. Myers, Director

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

January 28, 2022

Natalie Maupin
Indiana Department of Environmental Management
Office of Water Quality-Mail Code 65-42
Compliance Evaluation Section-Pretreatment Group
100 North Senate
Indianapolis, IN 46204-2251

RE: **East Chicago Sanitary District 4th Quarter Industrial Non-Compliance Pretreatment Report**

Dear Ms. Maupin:

Happy New Year and continued well wishes to you and Newton. Also and as consistent with Part III A (5) of the NPDES Permit No. 0022829, the East Chicago Sanitary District Pretreatment team (hereafter, the District) submits for your review, the Industrial Non-Compliance Report for the 4th Quarter of 2021 (hereafter, 4Q'21). Upon your review and should you have any relevant inquiries, please note that I cordially welcome the same as I can be reached at (219) 516-2317.

Respectfully Yours,

Jose Cisneros
Sanitary & Stormwater Compliance Manager

CC: Newton Ellens, USEPA
Kenneth L. Myers, Director, ECSD

Encls.

EAST CHICAGO SANITARY DISTRICT

EAST CHICAGO, INDIANA

4Q'21

INDUSTRIAL NON-COMPLIANCE REPORT

As submitted on
January 28, 2022

As consistent with Part III, A., Condition 5, of the District's NPDES Permit (No. IN0022829), the Control Authority is required to report the compliance status of each SIU quarterly.

During 4Q'21, the District continues to retrieve wastewater discharge samples from certain permitted industrial users (IUs). As the District's Pretreatment Program continues to have a total of eighteen (18) permitted wastewater dischargers, the number of permitted SIUs has decreased to five as four are Categorical Industrial Users (CIUs). Furthermore, two (2) additional IUs (541 and 941) continue to discharge significant volumes of wastewater into our system as all permitted IUs are sampled at a minimum rate of once per month with the exception being those permitted IUs which continue to be associated to groundwater remediation related projects (Outfalls 112, 124 and 411). Also, Cleveland Cliffs LLC sold its 3001 Dickey Road holdings to Speedwagon Capital Partners (SCP) which further includes Outfall No. 805. The District has been advised by SCP that their near term operational intent is strictly associated to asbestos abatement, disconnections, demolition and the recycling of scrap metal.

The District continues to schedule and timely retrieve wastewater discharge samples:

Outfall	Permitted Company	4Q'21 Sampling Dates	SIUs	CIUs
112	GATX	11/2, 12/15		
411	US Lead Refinery	10/18		
312	Electric Coatings	10/26, 11/2, 12/14	X	X
401	WR Grace	10/26, 11/15, 12/9		
514	National Processing	10/4, 11/4, 12/8	X	X
518	ICO Polymers	10/27, 11/3, 12/8		
521	Lakeshore Railcar	10/21, 10/27, 11/3, 11/17, 12/13	X	X
531	Linde, Inc. Production	10/12, 11/9. 12/6		
541	Linde, Inc. Rare Gases	10/12, 11/9, 12/6,		
611	ArcelorMittal Research	10/4, 11/4, 11/7, 12/7		
804	Cleveland-Cliffs East	10/25, 11/1, 12/7		
805	Cleveland-Cliffs East	10/25, 11/1, 12/7		
901	Safety-Kleen	10/28, 11/8, 11/17, 12/2	X	X
931	Cleveland-Cliffs West	10/6, 11/15, 12/13		
934	Cleveland-Cliffs West	10/11, 11/18, 12/2		
935	Cleveland-Cliffs West	10/14, 11/18, 12/13		
941	Linde, Inc. HyCO	10/5, 11/16, 12/14	X	
951	US Gypsum	10/28, 11/8, 12/9		
		Total	5	4
Please Note: Outfall 531 (Linde, Inc. Production) is no longer characterized as an SIU.				

The following table identifies those wastewater dischargers who continue or have experienced changed circumstances during this reporting period:

Outfall	Permitted Company	Certain Compliance Monitoring Related Notation(s)	SIU	CIU
411	USS Lead Site	Uses groundwater pumping to maintain hydraulic gradient controls; sampling is periodically performed; no discharges occurred during 4Q'21		
415	TAC East	Ceased operations due to fire; operations remains suspended; no discharges occurred during 4Q'21	X	X
936	US Steel	Ceased operations; no discharges occurred during 4Q'21		
805	Cleveland Cliffs East	3001 Dickey Road holdings, which further associates to Outfall 805, was sold to Speedwagon Capital Partners during 4Q'21		

The following table compares total violations to the established Local Limits:

Local Limit Variance Report Reporting Period: 4Q'21			
Parameters	**Violation(s)**	**Limit Description**	**Limit**
521 FOG (mg/L)	1	Daily Maximum Limit	>117
521 Amen. Cyanide {mg/L}	2	Daily Maximum Limit	>0.019
901 Amen. Cyanide {mg/L}	4	Daily Maximum Limit	>0.019
934 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>0.019
Total Violations	**8**		

By Outfall listing of exceedances as compared to the Local Control Limits or the Categorical Limitations:

Outfall	Permitted Company	NOV(s)	Period	DOV[1]	Parameter
901	Safety Kleen	1	4Q'21	10/28	Exceeded local limit for Cyanide
901	Safety Kleen	1	4Q'21	11/08	Exceeded local limit for Cyanide
901	Safety Kleen	1	4Q'21	11/17	Exceeded local limit for Cyanide
901	Safety Kleen	1	4Q'21	12/02	Exceeded local limit for Cyanide
901	Safety-Kleen Subtotal	4			
521	Lakeshore Railcar	1	4Q'21	11/03	Exceeded local limit for FOG
521	Lakeshore Railcar	2	4Q'21	11/17	Exceeded local limit for Cyanide
521	Lakeshore Subtotal	3			
934	Cleveland Cliffs West	1	4Q'21	12/02	Exceeded local limit for Cyanide
	Total NOVs	**8**			
(1) Date of Violation					

Total amount of fines paid by the cited Permittee during the reporting period:

Outfall	Permittee	NOV(s)	NOV Reason During 4Q'21	Total Amount
901	Safety-Kleen	4	Exceeded local limit for Cyanide	$10,000.00
901	Sub-Total Safety-Kleen	4	Sub-Total Safety-Kleen NOVs	$10,000.00
934	Cleveland Cliffs West	1	Exceeded local limit for Cyanide	$1,500.00
531	Sub-Total C/C West	1	Sub-Total Cleveland Cliffs West NOVs	$1,500.00
521	Lakeshore Railcar	1	Exceeded local limit for FOG	$1,000.00
521	Lakeshore Railcar	2	Exceeded local limit for Cyanide	$2,000.00
521	Sub-Total Lakeshore	3	Sub-Total Lakeshore Rail Car NOVs	$3,000.00
Total NOVs		**8**	**Grand Total**	**$14,500.00**

As the District noted no additional violations during 4Q'21, the IUs have been instructed to handle any violations in accordance with the District's Enforcement Response Plan and the city's Sewer User Ordinance 18-0017.

As follows, Quarterly Pretreatment Compliance Summary Reports and copies of certain NOVs are also provided as these documents affirm the District's continued enforcement related initiatives.

Notices of Violations – 4Q'21

CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

December 6, 2021

Evan Nikrin
Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Nikrin:

On October 28, 2021, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.048 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is $2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at hpadilla@eastchicago.com, or Jose Cisneros at (219) 516-2317 or email at jcisneros@eastchicago.com.

Sincerely,

Henry Padilla
Pretreatment Assistant

Jose Cisneros
Pretreatment Coordinator

Encls.
CC: Mr. Kenneth L. Myers, Director, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement

901 NOV 12-06-21 (Co on 10-28-21)

CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

December 15, 2021

Evan Nikrin
Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Nikrin:

On November 8, 2021, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.041 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is $2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at hpadilla@eastchicago.com, or Jose Cisneros at (219) 516-2317 or email at jcisneros@eastchicago.com.

Sincerely,

Henry Padilla
Pretreatment Assistant

Jose Cisneros
Sanitary & Storm Water Compliance Manager

Encls.
CC: Mr. Kenneth L. Myers, Director, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement

CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

December 15, 2021

Evan Nikrin
Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Nikrin:

On November 17, 2021, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.075 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is $2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at hpadilla@eastchicago.com, or Jose Cisneros at (219) 516-2317 or email at jcisneros@eastchicago.com.

Sincerely,

Henry Padilla
Pretreatment Assistant

Jose Cisneros
Sanitary & Storm Water Compliance Manager

Encls.
CC: Mr. Kenneth L. Myers, Director, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement

CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

January 7, 2022

Evan Nikrin
Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Nikrin:

On December 2, 2021, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.046 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is $2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at hpadilla@eastchicago.com, or Jose Cisneros at (219) 516-2317 or email at jcisneros@eastchicago.com.

Sincerely,

Henry Padilla
Pretreatment Assistant

Jose Cisneros
Sanitary & Storm Water Compliance Manager

Encls.
CC: Mr. Kenneth L. Myers, Director, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement

CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

December 15, 2021

James Kornas
Lakeshore Railcar Services LLC
1150 East 145th Street
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 521

Dear Mr. Kornas:

On November 4, 2021 District personnel collected a sample of effluent from Outfall No. 521. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (National Categorical Pretreatment Standards).

- Local Limit for Oil & Grease is 26 mg/L; analytical result reported was 52.8 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is $1,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at hpadilla@eastchicago.com. Or Jose Cisneros at (219) 516-2317 or email at jcisneros@eastchicago.com.

Sincerely,

Henry Padilla
Pretreatment Assistant

Jose Cisneros
Sanitary & Storm Water Compliance Manager

Encls.

CC: Mr. Kenneth L. Myers, Director, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - UTG #521/Enforcement

521 NOV 12-15-21 (FOG on 11-04-21)

CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

January 4, 2022

James Kornas
Lakeshore Railcar Services LLC
1150 East 145th Street
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 521

Dear Mr. Kornas:

On November 17, 2021 District personnel collected a sample of effluent from Outfall No. 521. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (National Categorical Pretreatment Standards).

- Local Limit for Available Cyanide is 0.019 mg/L; analytical result reported was 1.9 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is $1,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at hpadilla@eastchicago.com. Or Jose Cisneros at (219) 516-2317 or email at jcisneros@eastchicago.com.

Sincerely,

Henry Padilla
Pretreatment Assistant

Jose Cisneros
Sanitary & Storm Water Compliance Manager

Encls.

CC: Mr. Kenneth L. Myers, Director, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - UTG #521/Enforcement

521 NOV 10-28-21 (Cn on 09-28-21)

CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

January 12, 2022

James Kornas
Lakeshore Railcar Services LLC
1150 East 145th Street
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 521

Dear Mr. Kornas:

On December 13, 2021 District personnel collected a sample of effluent from Outfall No. 521. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (National Categorical Pretreatment Standards).

- Local Limit for Available Cyanide is 0.019 mg/L; analytical result reported was 0.11 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is $1,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at hpadilla@eastchicago.com. Or Jose Cisneros at (219) 516-2317 or email at jcisneros@eastchicago.com.

Sincerely,

Henry Padilla
Pretreatment Assistant

Jose Cisneros
Sanitary & Storm Water Compliance Manager

Encls.

CC: Mr. Kenneth L. Myers, Director, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File - UTG #521/Enforcement

521 NOV 01-12-22 (Cn on 12-13-21)

CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

January 5, 2022

Kevin Lurtz
Cleveland-Cliffs Indiana Harbor West
3001 Dickey Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 934

Dear Mr. Lurtz:

On December 2, 2021 District personnel collected a sample of effluent from Outfall No. 934. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (Local Limits).

- Local Limit for Available Cyanide is 0.019 mg/L; analytical result reported was 0.029 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is $1,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at (219) 516-2323 or email at hpadilla@eastchicago.com. Or Jose Cisneros at (219) 516-2317 or email at jcisneros@eastchicago.com.

Sincerely,

Henry Padilla
Pretreatment Assistant

Jose Cisneros
Sanitary & Storm Water Compliance Manager

Encls.

CC: Mr. Kenneth L. Myers, Director, ECSD
Mr. Joseph Allegretti, ECSD Counsel
File – ClevelandCliffs IN Harbor #934/Enforcement

934 NOV 01-05-22 (Cn on 12-02-21)

4Q'21 Pretreatment Monitoring Report
Summaries for IUs with NOVs

East Chicago Sanitary District
Wastewater Division
Pretreatment Compliance Summary

Outfall 901 -- Safety Kleen Systems

Oct 01, 2021 to Dec 24, 2021

Local Limits

** "0" - Not a TRC or Chronic Violation "1" - A TRC or Chronic Violation*

Parameter	Units	Limit	TRC Limit	Limit Type	# of Samples	# of Local Violations	# of TRC Exceedances	TRC Violation?	Chronic Violation?
Field pH	pH	5 < and < 10		Daily Min & Max	4	0			
Arsenic	mg/L	1.31	1.57	Daily Max	4	0	0	0	0
Cadmium	mg/L			Daily Max	0	0	0		
Copper	mg/L	0.88	1.06	Daily Max	4	0	0	0	0
Lead	mg/L	2.28	2.74	Daily Max	4	0	0	0	0
Molybdenum	mg/L	2.8	3.36	Daily Max	4	0	0	0	0
Nickel	mg/L	0.80	0.96	Daily Max	4	0	0	0	0
Silver	mg/L			Daily Max	0	0	0		
Thallium	mg/L			Daily Max	0	0	0		
Zinc	mg/L	5.5	6.6	Daily Max	4	0	0	0	0
Bis(2-ethylhexyl)phthalate	mg/L	1.03	1.24	Daily Max	4	0	0	0	0
Fluoranthene	mg/L			Daily Max	4	0	4	1	0
Fluoride	mg/L	30	36	Daily Max	4	0	0	0	0
Mercury	mg/L	0.0002	0.00024	Daily Max	4	0	0	0	0
Ammonia	mg/L	134	160.8	Daily Max	4	0	0	0	0
Phosphorus	mg/L	31	37.2	Daily Max	4	0	0	0	0
Phenols	mg/L	0.96	1.15	Daily Max	4	0	0	0	0
Chromium	mg/L	7.0	8.4	Daily Max	4	0	0	0	0
Available Cyanide	mg/L	0.019	0.023	Daily Max	4	4	4	1	1
Oil & Grease	mg/L	117	163.8	Daily Max	4	0	0	0	0
Residual Chlorine	mg/L			Daily Max	0	0	0		

Catagorical Limits

Parameter	Units	Limit	TRC Limit	Limit Type	# of Samples	# of Categorical Violations	# of TRC Exceedances	TRC Violation?	Chronic Violation?
Antimony	mg/L	0.25	0.2988	Daily Max	0	0	0		
Cobolt	mg/L	0.19	0.2304	Daily Max	4	0	0	0	0
Tin	mg/L	0.41	0.4908	Daily Max	4	0	0	0	0
Titanium	mg/L	0.09	0.1136	Daily Max	0	0	0		
Vanadium	mg/L	0.22	0.26160	Daily Max	0	0	0		
Carbazole	mg/L	0.39	0.4704	Daily Max	4	0	0	0	0
o-Cresol	mg/L	1.92	2.3040	Daily Max	0	0	0		
p-Cresol	mg/L	0.70	0.8376	Daily Max	0	0	0		
n-Decane	mg/L	5.79	6.9480	Daily Max	4	0	0	0	0
n-Octadecane	mg/L	1.22	1.4640	Daily Max	4	0	0	0	0
2,4,6-Trichlorophenol	mg/L	0.16	0.1860	Daily Max	0	0	0		

Total Local Violations:	4
Total Categorical Violations:	0
Total TRC Violations:	2
Total Chronic Violations:	1

Does not include any monthly average violations

East Chicago Sanitary District
Wastewater Division
Pretreatment Compliance Summary

Outfall 521 -- Lakeshore Railcar & Tanker Services

Oct 01, 2021 to Dec 31, 2021

Local Limits

** "0" - Not a TRC or Chronic Violation "1" - A TRC or Chronic Violation*

Parameter	Units	Limit	TRC Limit	Limit Type	# of Samples	# Local of Violations	# of TRC Exceedances	TRC Violation?	Chronic Violation?
Field pH	pH	5 < and < 10		Daily Min & Max	5	0			
Arsenic	mg/L	0.162	0.194	Daily Max	5	0	0	0	0
Cadmium	mg/L	0.474	0.569	Daily Max	5	0	0	0	0
Copper	mg/L	0.50	0.60	Daily Max	5	0	0	0	0
Lead	mg/L	0.350	0.42	Daily Max	5	0	0	0	0
Molybdenum	mg/L	2.8	3.36	Daily Max	5	0	0	0	0
Nickel	mg/L	0.80	0.96	Daily Max	5	0	0	0	0
Silver	mg/L	0.120	0.144	Daily Max	5	0	0	0	0
Thallium	mg/L			Daily Max	0	0	0		
Zinc	mg/L	2.87	3.44	Daily Max	5	0	0	0	0
Bis(2-ethylhexyl)phthalate	mg/L	0.215	0.258	Daily Max	4	0	0	0	0
Fluoranthene	mg/L	0.0537	0.0644	Daily Max	4	0	4	1	0
Fluoride	mg/L	30	36	Daily Max	5	0	0	0	0
Mercury	mg/L	0.0002	0.00024	Daily Max	5	0	0	0	0
Ammonia	mg/L	134	160.8	Daily Max	5	0	0	0	0
Phosphorus	mg/L	31	37.2	Daily Max	5	0	0	0	0
Phenols	mg/L	0.96	1.15	Daily Max	5	0	0	0	0
Chromium	mg/L	0.746	0.895	Daily Max	5	0	0	0	0
Available Cyanide	mg/L	0.019	0.023	Daily Max	5	2	2	1	0
Oil & Grease	mg/L	36	50.4	Daily Max	5	1	1	0	0
Residual Chlorine	mg/L			Daily Max	0	0	0		

Catagorical Limits

Parameter	Units	Limit	TRC Limit	Limit Type	# of Samples	# Categorical of Violations	# of TRC Exceedances	TRC Violation?	Chronic Violation?
Antimony	mg/L	0.249	0.2988	Daily Max	5	0	0	0	0
Cobalt	mg/L	0.192	0.2304	Daily Max	5	0	0	0	0
Tin	mg/L	0.409	0.4908	Daily Max	5	0	0	0	0
Titanium	mg/L	0.095	0.1136	Daily Max	5	0	0	0	0
Vanadium	mg/L	0.218	0.26160	Daily Max	5	0	0	0	
Carbazole	mg/L	0.598	0.7176	Daily Max	4	0	0	0	0
o-Cresol	mg/L	1.92	2.3040	Daily Max	4	0	0	0	0
p-Cresol	mg/L	0.698	0.8376	Daily Max	4	0	0	0	0
n-Decane	mg/L	0.9480	1.1376	Daily Max	4	0	0	0	0
n-Octadecane	mg/L	0.589	0.7068	Daily Max	4	0	0	0	0
2,4,6-Trichlorophenol	mg/L	0.155	0.1860	Daily Max	4	0	0	0	0.00
SGT-HEM	mg/L	26.00	31.2000	Daily Max	2	0	0	0	0.00
Phenanthrene	mg/L			Daily Max	4	0	4	1.00	0.00

Total Local Violations:	3
Total Categorical Violations:	0
Total TRC Violations:	3
Total Chronic Violations:	0

Does not include any monthly average violations

East Chicago Sanitary District
Wastewater Division
Pretreatment Compliance Summary

Outfall 934 -- Cleveland Cliffs West

Oct 01, 2021 to Dec 31, 2021

Local Limits

** "0" - Not a TRC or Chronic Violation "1" - A TRC or Chronic Violation*

Parameter	Units	Limit	TRC Limit	Limit Type	# of Samples	# of Local Violations	# of TRC Exceedances	TRC Violation?	Chronic Violation?
Field pH	pH	5 < and < 10		Daily Min & Max	3	0			
Arsenic	mg/L	1.31	1.57	Daily Max	3	0	0	0	0
Cadmium	mg/L			Daily Max	1	0	1	1	0
Copper	mg/L	0.88	1.06	Daily Max	3	0	0	0	0
Lead	mg/L	2.28	2.74	Daily Max	3	0	0	0	0
Molybdenum	mg/L	2.8	3.36	Daily Max	3	0	0	0	0
Nickel	mg/L	0.80	0.96	Daily Max	3	0	0	0	0
Silver	mg/L			Daily Max	0	0	0		
Thallium	mg/L			Daily Max	0	0	0		
Zinc	mg/L	5.5	6.6	Daily Max	3	0	0	0	0
Bis(2-ethylhexyl)phthalate	mg/L	1.03	1.24	Daily Max	3	0	0	0	0
Fluoranthene	mg/L			Daily Max	0	0	0		
Fluoride	mg/L	30	36	Daily Max	3	0	0	0	0
Mercury	mg/L	0.0002	0.00024	Daily Max	3	0	0	0	0
Ammonia	mg/L	134	160.8	Daily Max	3	0	0	0	0
Phosphorus	mg/L	31	37.2	Daily Max	3	0	0	0	0
Phenols	mg/L	0.96	1.15	Daily Max	3	0	0	0	0
Chromium	mg/L	7.0	8.4	Daily Max	3	0	0	0	0
Available Cyanide	mg/L	0.019	0.023	Daily Max	3	1	1	1	0
Oil & Grease	mg/L	117	163.8	Daily Max	3	0	0	0	0
Residual Chlorine	mg/L			Daily Max	0	0	0		

Total Local Violations:	1
Total TRC Violations:	2
Total Chronic Violations:	0