

**US Ecology Detroit North  
Discharge Compliance Score Card  
July 2022 - December 2022**

\*Concentration Limits as established in GLWA Wastewater Discharge Permit No.: 923-27310-IU, last revised 09-02-2019

Compliance with Daily Maximum Concentration Limits\*

Sampled By	# of Samples	# of Exceedances	% of Samples in Exceedance	% of Samples in Compliance
USE	849	1	0.1%	99.9%
GLWA	189	2	1.1%	98.9%
<b>Total</b>	<b>1038</b>	<b>3</b>	<b>0.3%</b>	<b>99.7%</b>

Compliance with Monthly Average Concentration Limits\*

	# of Applicable Samples	# of Exceedances	% of Monthly Averages in Exceedance	% of Monthly Averages in Compliance
<b>Total</b>	<b>729</b>	<b>0</b>	<b>0.0%</b>	<b>100.0%</b>

List of Exceedances of Daily Maximum Concentration Limits\*

Date	Chemical	Sampled By	Concentration (mg/l)	Limit* (mg/l)	Days Until Next In-Compliance Sample	In-Compliance Sample By
7/20/22	Total Zinc	Rick Meiorow	3.72	2.87	7	7/27/2022
8/12/22	Lead	GLWA	0.542	0.222	4	8/16/2022
8/16/22	Silver	GLWA	0.207	0.12	51	10/6/2022

List of Exceedances of Monthly Average Concentration Limits\*

Date	Chemical	Sampled By	Running Average (mg/l)	Limit* (mg/l)	Resolved within 30 days?	Next monthly concentration (mg/l)

**Response to Exceedances**

**Total Zinc**

The facility determined the exceedance was caused by a single approval source. Shipments from this source have since been redirected for offsite treatment and disposal until the generating source can establish a level of process control for Zinc concentrations within the waste. Additional samples following this determination indicate Zinc concentrations are back under the Daily Concentration Limit.

**Lead and Silver**

The facility had an outside third-party perform analytical analysis on the retained internal composite and GLWA split samples that were collected and preserved on August 12, 2023 and August 16, 2022. The results of the analysis, dated November 9, 2022, indicate that the Lead and Silver concentrations on the dates in question were below the Daily Concentration Limits outlined in the GLWA permit. The only qualifiers the laboratory reported on the data was that Matrix Spike Recovery was outside of the control limit, and therefore the results could be biased high. Based on these results, the facility maintains that the wastewater discharge was in compliance on the dates in question.

**US Ecology North  
Ambient Air Compliance Score Card  
July 2022 - December 2022**

Ambient Air Monitoring Compliance Breakdown

<b>Substance</b>	<b>All months reported?</b>	<b># of Exceedances</b>	<b>% of Samples in Exceedance</b>	<b>% of Samples in Compliance</b>
<b>Lead</b>	Yes	0	0.0%	100.0%
<b>Arsenic</b>	Yes	0	0.0%	100.0%
<b>Chromium</b>	Yes	0	0.0%	100.0%
<b>Total Suspended Particles</b>	Yes	0	0.0%	100.0%

Response to Exceedances

NA