

**US Ecology Detroit South, also known as EQ Detroit, Inc.**

**Wastewater Discharge Score Card  
Applicable Discharge Limitations\*  
August 2019 - May 2020**

\*Applicable Discharge Limitations as established in Great Lakes Water Authority (GLWA) Wastewater Discharge Permit No.: 923-91964-IU, last revised June 10, 2019

**Compliance with Daily Maximum Applicable Discharge Limitations\***

Sampled By	# of Sample Results	# of Sample Results in Exceedance	% of Sample Results in Exceedance	% of Sample Results in Compliance
USE	2363	3	0.1%	99.9%
GLWA	973	3	0.31%	99.7%
Total	3336	6	0.18%	99.8%

**Compliance with Monthly Average Applicable Discharge Limitations\***

Sampled By	# of Applicable Sample Results	# of Monthly Averages in Exceedance	% of Monthly Averages in Exceedance	% of Monthly Averages in Compliance
USE	2096	1	0.05%	99.95%
GLWA	694	2	0.29%	99.7%
Total	2790	3	0.11%	99.9%

**List of Exceedances of Daily Maximum Applicable Discharge Limitations\***

Date	Chemical	Concentration (mg/l)	Sampled By	Limit* (mg/l)	Date of Next In-Compliance Sample	In-Compliance Sample By
11/19/2019	Titanium	0.313	USE	0.095	11/22/2019	USE
3/3/2020	Tin	17.2	USE	0.409	3/4/2020	USE
3/3/2020	Tin	21.8	GLWA	0.409	3/6/2020	USE
3/4/2020	Tin	0.53	GLWA	0.409	3/6/2020	USE
3/31/2020	Tin	3.59	GLWA	0.409	4/1/2020	GLWA
4/2/2020	2,4,6-Trichlorophenol	0.348	USE	0.155	4/8/2020	USE

**List of Exceedances of Monthly Average Applicable Discharge Limitations\***

Date	Chemical	Running Average (mg/l)	Sampled By	Average Limit* (mg/l)	Resolved within 30 days?	Next Month Average Concentration
3/3/2020	Tin	1.91	USE	0.12	Yes	0.01
03/31/20	Tin	8.64	GLWA	0.12	Yes	0
3/31/20	Zinc	0.84	GLWA	0.64	Yes	0.04

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**Ambient Air Score Card  
August 2019 - July 2020**

As required by Attachment 14, Ambient Air Monitoring Program of the US Ecology Detroit South Hazardous Waste Management Facility Operating License

**Ambient Air Monitoring Compliance Breakdown**

<b>Substance</b>	<b>All Months Reported?</b>	<b># of Sample Results above Applicable Standards</b>	<b>% of Sample Results above Applicable Standards</b>	<b>% of Sample Results below Applicable Standards</b>
1,1,2,2-Tetrachloroethane	Yes	0	0%	100%
1,1,2-Trichloroethane	Yes	0	0%	100%
1,1-Dichloroethane	Yes	0	0%	100%
Benzene	Yes	0	0%	100%
Cadmium	Yes	0	0%	100%
Chloroform	Yes	0	0%	100%
Chromium	Yes	0	0%	100%
Ethylbenzene	Yes	0	0%	100%
Lead	Yes	0	0%	100%
Methylene Chloride	Yes	0	0%	100%
Tetrachloroethylene	Yes	0	0%	100%
Toluene	Yes	0	0%	100%
Total Suspended Particulates**	Yes	4	11%	89%
Trichloroethylene	Yes	0	0%	100%
Zinc	Yes	0	0%	100%

\*\*As compared to applicable standards for PM10, or particulate matter less than 10 micrometers.